DIGITAL SIGNAGE

Products and Solutions Catalogue

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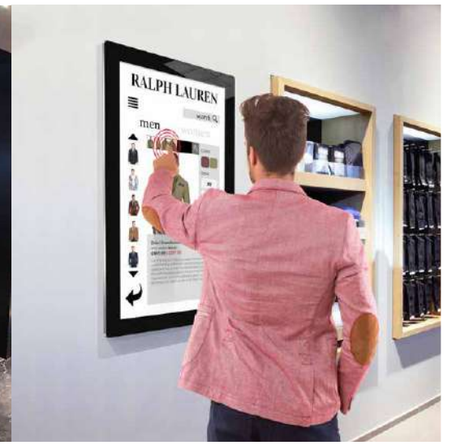

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Retail

The retail sector is by far the most popular area for Digital Signage and is a competitive battleground with shops all fighting to grab customers' attention. When compared to static signage Digital Signage captures 400% more views[1]. Most of our Digital Signage solutions can be utilised in retail spaces; **Android Advertising Displays** for in store promotion, our **Touch Screen** ranges for customer engagement and purchases and **High Brightness Monitors** for outward facing windows displays.

Food and Drink

This sector is the fastest growing area for Digital Signage. Large fast food chains are already exploiting the tremendous benefits of Digital Signage and it's no surprise as it creates a 31.8% upswing in overall sales volume[1]. We have various ranges that are ideal for menu board applications such as our **Android Advertising Displays**, which have an easily wipeable tempered glass front, and our **Network Digital Menu Boards,** which are designed to be a complete cost effective package solution.

Corporate

The integration of technology into the office space is nothing new however the range applications for Digital Signage in corporate environments continues to grow. The most obvious use for Digital Signage in corporate locations is in the boardroom, **using LCD and LED Video Walls** and **4K Slim Bezel Interactive Touch Displa**ys as presentation tools. Another developing area in this environment is the use of Digital Signage for internal communication as it improves employee engagement, increasing productivity by 20%-25%1.

Healthcare

Digital Signage is transforming the way that hospitals and healthcare facilities communicate with staff and patients. Whether used for wayfinding, or displaying healthcare information, Digital Signage offers a chance for hospitals to engage and interact with their patients and improve the level of care. **PCAP Touch Screens** are ideal for hospitals as they feature an easy to clean edge-to-edge glass front. 10% of all Digital Signage displays purchased every year are for the healthcare sector[2].

Hospitality

Hospitality settings such as hotels, resorts, nightclubs and catering venues have a captive audience looking for information so they are a natural home for Digital Signage. Beautiful displays, such as our elegant **Android Freestanding Digital Posters** and wall mounted **Android Advertising Displays**, can really make a big difference in the overall aesthetic of a hospitality venue and if used correctly can boost customer satisfaction by 46%[1].

Transportation

Transport hubs such as airports, train and bus stations and even bus stops have become the most common places to encounter Digital Signage; they have been utilising its advantages for a number of years. In fact, 90% of train station passengers can be targeted by Digital Signage[3]. Our **Professional Monitors** are ideal for flight and bus information display systems to show arrivals and departures while our **Android Advertising Displays** and **LCD Video Walls** can be used in duty free areas of airports for advertising.

Education

Educational establishments are ideal environments to really get the most out of Digital Signage The most common solution for schools, colleges, universities and other training facilities are **4K Slim Bezel Interactive Touch Displa**ys used as interactive whiteboards; 75% of teachers agreed that using interactive whiteboards increases students' interest in class[4]. **Android Advertising Displays** can also be used as digital notice boards to communicate up to date information to students, staff and visitors.

Entertainment

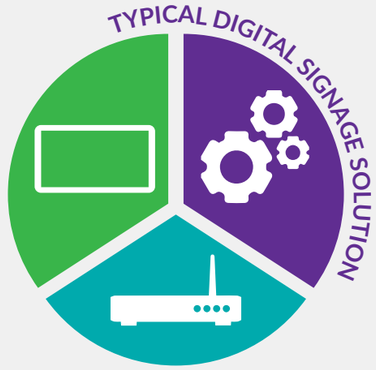
Locations such as casinos, theatres, cinemas, zoos, concert halls and theme parks are ideal settings for Digital Signage. In these types of environments Digital Signage can be used as an effective advertising and promotional tool as it has been proven to increase the average purchase amount by 29.5%[1]. Our beautiful and eye-catching **Android Freestanding Digital Posters** can be utilised to display upcoming events or special offers on food and drink. For a big impact **LCD Video Walls** command attention in any setting.

Sources: 1. *Digital Signage Today* 2. *Digital Signage Expert Group* 3. *JCDecaux* 4. *Academic Star Publishing Company*

Integrated Digital Signage

Typical Digital Signage projects require at least three elements; a commercial display, a media player and a content management system, which would usually come from three separate sources. This approach has many downsides; both when it comes to sourcing compatible components as well as support and maintenance. The installation process, especially for large networks, can be a real challenge when mounting and cabling multiple screens and separate media players. Another problem is supporting a solution that has been packaged together from separate manufactures and software developers; if any issues arise the first step is to diagnose which component is a fault. Obtaining technical support from manufactures and Digital Signage software companies can be very time consuming and can often have large costs involved.

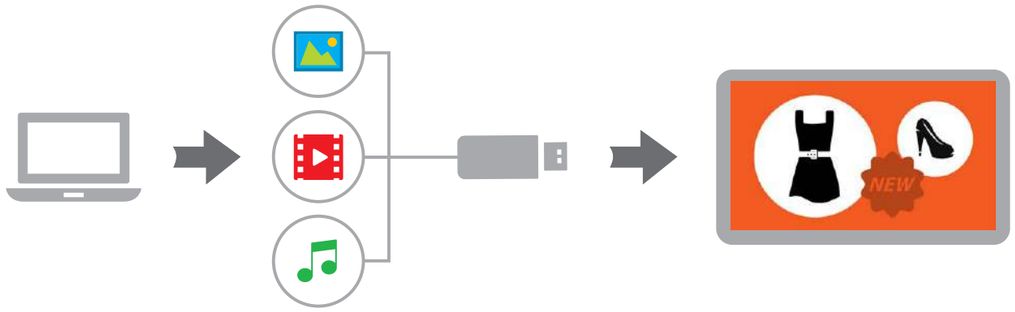
With these challenges in mind we provide all-in-one Digital Signage solutions. This means that we manufacture commercial 24/7 displays with a built-in media player whilst also developing software to be used in conjunction with our hardware. All-in-one solutions are not only easier to sell, install, support and maintain but are also much more cost effective when compared with “packaged” solutions from separate suppliers. We also make our software more streamlined and user-friendly, as we are not competing with traditional Digital Signage software companies who add an abundance of generally redundant features. Using over a decade of industry experience, research and development we have developed a range of plug and play and network all-in-one Digital Signage solutions.



Powered by **Android™**

3 Year **Warranty**

Lifetime **Tech Support**



Simple Plug and Play Solution

All of our Android based non-interactive displays can be updated in the simplest way imaginable. Simply load images and videos onto a USB stick, insert this into the display, wait for your content to copy over and then remove. Your images and videos will then play in a continuous loop. This simple update method is designed so that anybody, regardless of IT knowledge or technical resources, can update their screens. This has opened up Digital Signage solutions to more potential end users; now anyone can enjoy the benefits of this dynamic and cutting-edge form of display.
These displays also come with free easy to use scheduling software, for more advanced requirements, that allows you to display different content at various times of the day. The standalone plug and play models can also be upgraded to network versions, without the need for any additional hardware such as a separate network media player.

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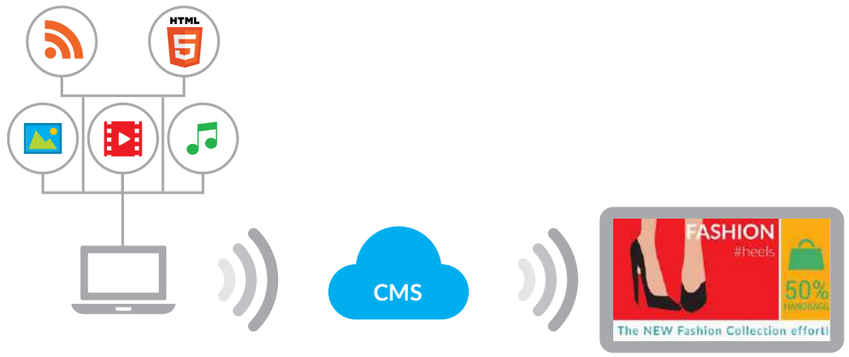

All-in-One Network Solution

Our award winning all-in-one network screens provide you with a fully integrated, hassle-free, networked Digital Signage solution. Minimal hardware setup is required; these displays truly deliver an out-of-the-box experience. Once your screen is plugged into the mains all that is left to do is connect it to the internet, via Wi-Fi, Ethernet cable or even 4G if required. You can then login to our user-friendly online portal and update your displays from anywhere in the world. Upload your media to the cloud then use it to create multi-zone layouts that incorporate images, videos, scrolling and static text, RSS feeds, time, date, local weather and even live webpages. Our network solution also allows for more complex scheduling requirements so you can display what you like when you like. For all the available features, go to page 115.
Our cloud-based CMS portal can also be used to create and manage content on our touch screen ranges. Anyone can now create interactive playlists in a matter of minutes, without any coding knowledge. For more information go to page 119.

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Menu Board

If you're looking for a digital menu board solution the first thing that must be considered is the most important factor; budget or style and convenience. The most elegant and striking solution would be our **Android Advertising Displays**, which also feature a glass front which can be easily cleaned. If budget is the most important consideration then the next matter to address is the update method; are the screens going to be updated over USB or through our online portal? For a cost-effective plug and play solution our Professional Monitor range is ideal. For more features and flexibility our **Network Digital Menu Boards** can be used.

Android Advertising Displays pg 07 | Professional Monitors pg 19 | Network Digital Menu Boards pg 15

Budget Friendly Displays

For any Digital Signage project where budget is the key consideration then there is only really one question to ask – how are the screens going to be updated? For a simple, user-friendly, USB plug and play update method the **Professional Monitors** are the top choice. If you want to update your screens over the internet and take advantage of the range of features our cloud-based content management system can offer (see page 115) then our **Network Digital Menu Boards** are the right solution for you. Both of these ranges use fully commercial grade 24/7 LG IPS panels that have a brightness of 450cd/m².

Professional Monitors pg 19 | Network Digital Menu Boards pg 15

Touch Screens

If your project requires an element of interactivity we are certain to have a solution to meet your needs. We offer a range of **PCAP Touch Screens** for sleek tablet-style look with edge-to-edge glass; these come in wall mounted, mirror and kiosk versions. For point of sale or meeting room booking systems we also manufacture a small 10" model. If budget is an important factor then you should consider our **Infrared Freestanding Multi Touch Screen Posters**. All of our commercial touch screen ranges, excluding the 10" model, come with Windows and Android built in and can be updated using our cloud-based CMS (see page 119). For an interactive whiteboard solution our **4K Slim Bezel Interactive Touch Displa**ys are ideal.

PCAP Touch Screens With Dual OS pg 59 | Mirror PCAP Touch Screens With Dual OS pg 59 | PCAP Touch Screen Kiosks With Dual OS pg 63
10" POS PCAP Touch Screen pg 75 | Infrared Freestanding Multi Touch Screen Posters pg 67 | 4K Slim Bezel Interactive Touch Displays pg 71

Window Displays

For outward facing window displays we have two ranges to choose from depending on budget and location of the window. The more budget friendly version are our **High Brightness Monitors** which have a brightness of 1,500cd/m²; more than 5 times brighter than a standard domestic TV. For applications where there is a lot of direct sunlight our **Ultra High Brightness Monitors** are ideal. As well as being even brighter (2,500cd/m²) they are ultra resistant to LCD blackening defect up to a surface temperature of 110°C. Both of these ranges can be updated by either using the simple USB plug and play method or can be upgraded to use our network CMS.

High Brightness Monitors pg 31 | Ultra High Brightness Monitors pg 35 | Digital Rod Displays pg 39
Hanging Double-Sided Window Displays pg 43

Video Walls

When it comes to video wall projects the bezel size is key. A cost effective solution would be to use our **Professional Monitors** which have a screen-to-screen bezel size of around 23-30mm. Our **LCD Video Wall Displays** feature a bezel size of 3.5mm screen-to-screen. The most premium option, for which we also have outdoor models, are our **LED Video Wall Solutions** which are modular and do not feature any visible bezel at all.

LCD Video Wall Displays pg 31 | Professional Monitors pg 23 | Indoor LED Video Wall pg 97
Outdoor LED Video Wall pg 101 | Fine Pitch LED Presentation Video Wall pg 105

Outdoor

We manufacture both wall mounted and freestanding versions of IP65 rated outdoor displays. The wall mounted **Outdoor Digital Advertising Displays** and **Outdoor Freestanding Digital Posters** are designed to look like giant tablets and can be upgraded to PCAP touch screens. We also have an **Outdoor Digital Android Battery A-Board** for outdoor applications where power is not available, opening up a whole new world of possibilities. All of our outdoor screens can be updated by either using the simple USB plug and play method or can be upgraded to use our network CMS.

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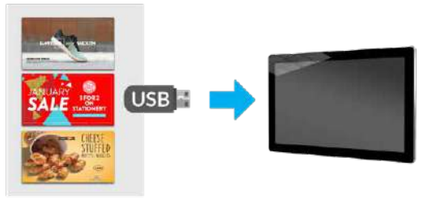
Android Advertising Displays

19” | 22” | 32” | 43” | 50” | 55”

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.



Free Scheduling Software

These displays come with free scheduling software for displaying different content at different times of the day. If you prefer to keep it simple you can update the screen directly without using the software.

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.

24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Key Features

PLUG AND PLAY

INTEGRATED ANDROID MEDIA PLAYER

IPS PANEL

24/7 COMMERCIAL GRADE

LANDSCAPE OR PORTRAIT ORIENTATION

CONNECT DEVICES

LED BACKLIGHT

OPTIONAL NETWORK UPGRADE

GIANT TABLET STYLING

FREE SCHEDULING SOFTWARE

FREE WALL MOUNT

LOCKABLE DOOR

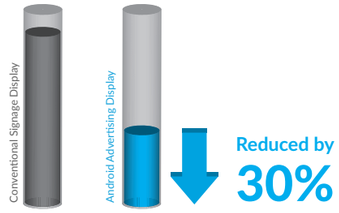
Other Features

Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Low Power Consumption

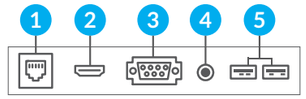
The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



Multiple Inputs

Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.

1. LAN
2. HDMI
3. VGA
4. Audio in
5. 2 x USB



Scrolling Text

You can display a “ticker tape” style scrolling text message along the bottom of the screen, to help you get your message across or help highlight any specific promotions or offers.

Giant Tablet Styling

Their tempered glass face, rounded corners, super slim profile and aluminium surround all add to the captivating tablet-like aesthetics as well as protecting the internal components from potential damage.

Wide Viewing Angle

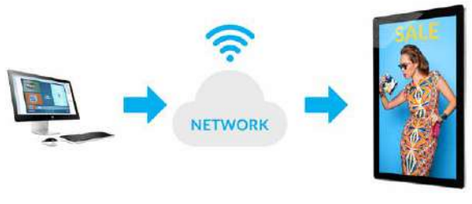
Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in both landscape and portrait.

Free Wall Mount

A super slim wall mount is included at no extra cost, allowing you to mount your screen in either landscape or portrait orientation; ensuring that you have a complete turnkey solution.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.



		19 Inch	22 Inch	32 Inch	43 Inch	50 Inch	55 Inch
Panel	Resolution	1920x1080					
	Display Area (mm)	408.6x229.6	478x269	699x394	942x525	1075.6x605.4	1211x682
	Aspect Ratio	16:9					
	Brightness (cd/m²)	450					
	Colour	16.7M					
	Viewing Angle	178°					
	Contrast Ratio	5000:1					
Audio	Speaker Type	5W, 8Ω (x2)					
AV Inputs	Video	HDMI, VGA					
	Audio	Audio Socket (3.5mm)					
Power	Power Consumption (W)	16	22	52	65	75	85
	Input Voltage	AC110~240V (50Hz~60Hz)					
Mechanical	Unit Size (WxHxD mm)	501x322x38	590x383x41	814x504x63	1045x638x63	1199x736x44	1366x837x50.1
	Package Size (WxHxD mm)	578x418x118	660x478x135	956x615x164	1175x775x215	1357x867x176	1525x1016x214
	VESA Holes (mm)	100x100/150x100	100x100	400x200	400x400		
	Net Weight (kg)	6.3	8.3	13.1	22.8	28.05	39.7
	Gross Weight (kg)	7.35	8.85	16.9	30.2	37	49.7
Environmental	Operating Temperature	0 °C to 50 °C					
	Storage Temperature	-30°C to 60°C					
	Operating Humidity	10% to 80%					
	Storage Humidity	5% to 95%					
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)					
	Media Resolution	1920x1080/1080x1920					
	Internal Memory	6GB					
	CPU	Quad-Core Cortex-A17@1.61GHz					
	GPU	Mali-T760 MP4 @600MHz					
	RAM	2GB DDR3					
	ROM	8GB NAND					
	USB	USB2.0 HOST (x2)					
	LAN	10/100M Ethernet (Network Version Only)					
	Wi-Fi	802.11b/g/n/ac (Network Version Only)					
	OS	Android 5.1.1					
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1					
Accessories	Included	Special Wall Mount, Scheduling Software, Remote Control, Key, User Manual					
	Optional	Network Upgrade, Touch Screen Version, Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand					
Warranty	Warranty Period	3 Year Warranty					
	Technical Support	Lifetime					

Android Freestanding Digital Posters

50” | 55”

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

Free Scheduling Software

These displays come with free scheduling software for displaying different content at different times of the day. If you prefer to keep it simple you can update the screen directly without using the software.

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature in portrait orientation.

24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Key Features

PLUG AND PLAY

INTEGRATED ANDROID MEDIA PLAYER

IPS PANEL

24/7 COMMERCIAL GRADE

INTEGRATED SPEAKERS

CONNECT DEVICES

LED BACKLIGHT

OPTIONAL NETWORK UPGRADE

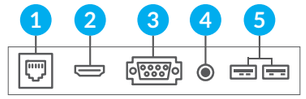
Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Internal Locker

Should you need to connect the screen to an external source, like a PC or media player, you can use the HDMI input or the VGA and 3.5mm audio jack inputs and hide the player inside the internal locker.

1. LAN
2. HDMI
3. VGA
4. Audio in
5. 2 x USB



Giant Tablet Styling

Their tempered glass face, rounded corners, super slim profile and aluminium surround all add to the captivating tablet-like aesthetics as well as protecting the internal components from potential damage.

White Version Available

A stylish white version of the Android Freestanding Digital Poster is available in both 50” and 55.

Free Integrated Castors

These freestanding displays are a fully potable solution as they feature integrated castors as well as retractable feet for more permanent installations.

Scrolling Text

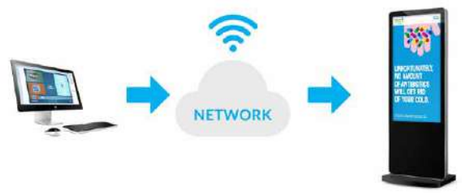
You can display a “ticker tape” style scrolling text message along the bottom of the screen, to help you get your message across or help highlight any specific promotions or offers.

Wide Viewing Angle

Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in portrait orientation.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.



		50 Inch	55 Inch
Panel	Resolution	1920x1080	
	Display Area (mm)	618.4x1097.8	682.4x1211.6
	Aspect Ratio	16:9	
	Brightness (cd/m²)	450	
	Colour	16.7M	
	Viewing Angle	178°	
	Contrast Ratio	4000:1	
Audio	Speaker Type	6W, 8Ω (x2)	
AV Inputs	Video	HDMI, VGA	
	Audio	Audio Socket (3.5mm)	
Power	Power Consumption (W)	100	120
	Input Voltage	AC110~240V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	747x1862x50	813x1965x50
	Package Size (WxHxD mm)	835x2010x535	940x2110x535
	Footprint (WxH mm)	747x400	813x400
	Net Weight (kg)	82	87
	Gross Weight (kg)	90	95
Environmental	Operating Temperature	0 °C to 50 °C	
	Storage Temperature	-30°C to 60°C	
	Operating Humidity	10% to 80%	
	Storage Humidity	5% to 95%	
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)	
	Media Resolution	1920x1080/1080x1920	
	Internal Memory	6GB	
	CPU	Quad-Core Cortex-A17@1.61GHz	
	GPU	Mali-T760 MP4 @600MHz	
	RAM	2GB DDR3	
	ROM	8GB NAND	
	USB	USB2.0 HOST (x2)	
	LAN	10/100M Ethernet (Network Version Only)	
	Wi-Fi	802.11b/g/n/ac (Network Version Only)	
	OS	Android 5.1.1	
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1	
Accessories	Included	Scheduling Software, Remote Control, Key, User Manual	
	Optional	Network Upgrade, Touch Screen Version	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

Network Digital Menu Boards

32” | 43” | 50” | 55”

Complete Package Solution

We have combined a 24/7 commercial display, a network Android media player, one year free CMS software and a library of pre-designed templates for the ultimate package solution.

Save time and Money

1st Year Free Software Subscription

The first year of using our cloud based CMS is absolutely free. You can also purchase 3 additional year’s access at the point of purchase or make a one off payment to have access for life.

24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Exclusive Template Library

As well as being able to create your own layouts you can choose from our exclusive library of pre-design editable templates. Choose an existing layout, add your own images and information then publish it to your screen.

Key Features

NARROW BEZEL

INTEGRATED ANDROID MEDIA PLAYER

IPS PANEL

24/7 COMMERCIAL GRADE

LANDSCAPE OR PORTRAIT ORIENTATION

INTEGRATED SPEAKERS

LED BACKLIGHT

BUILT IN WIFI

ONE YEAR FREE SOFTWARE SUBSCRIPTION

NARROW BEZEL

LANDSCAPE OR PORTRAIT ORIENTATION

INTEGRATED NETWORK ANDROID MEDIA PLAYER

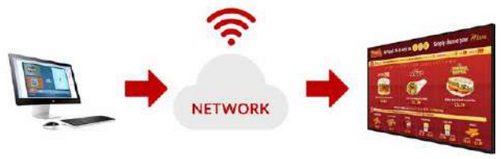
Other Features

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.

Update Instantly and From Anwhere

No special software installation or dedicated PC is required, simply login to our online your portal and update your screens from anywhere in the world with an internet connection.



Multi Screen Synchronisation

Create stunning content across multiple displays or just have your menus change at the same time.

Narrow Bezel

The slim border on the Digital Menu Boards allows your menu to take centre stage especially when multiple displays are placed side by side.

Power Timer

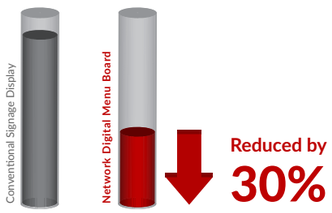
The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Wide Viewing Angle

Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in both landscape and portrait.

Low Power Consumption

The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



Plug and Play Backup

If you lose your internet connection you can still update the screen using a USB stick to keep things simple.

		32 Inch	43 Inch	50 Inch	55 Inch
Panel	Resolution	1920x1080			
	Display Area (mm)	703.4x397.9	941.2x529.42	1073x604	1209.6x680.4
	Bezel Size (mm)	Top/Left/Right: 9.3 Bottom: 14.8	Top/Left/Right: 11.4 Bottom: 18.18	Top/Left/Right: 11.5 Bottom: 16.5	Top/Left/Right: 11.5 Bottom: 17
	Aspect Ratio	16:9			
	Brightness (cd/m²)	450			
	Colour	16.7M			
	Viewing Angle	178°			
	Contrast Ratio	4000:1			
Audio	Speaker Type	5W, 8Ω (x2)			
AV Inputs	Video	HDMI, VGA			
	Audio	Audio Socket (3.5mm)			
Power	Power Consumption (W)	38	45	55	65
	Input Voltage	AC110~240V (50Hz~60Hz)			
Mechanical	Unit Size (WxHxD mm)	722x422x65	964x559x60	1096x632x60	1232x708.9x59.3
	Package Size (WxHxD mm)	862x555x215	1105x698x210	1238x760x195	1385x845x190
	VESA Holes (mm)	400x200/500x200	400x200	400x400/400x300/400x200	
	Net Weight (kg)	9.15	15.85	23	28
	Gross Weight (kg)	12.25	19.75	28.9	34.4
Environmental	Operating Temperature	0 °C to 50 °C			
	Storage Temperature	-30°C to 60°C			
	Operating Humidity	10% to 80%			
	Storage Humidity	5% to 95%			
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)			
	Media Resolution	1920x1080/1080x1920			
	Internal Memory	6GB			
	CPU	Quad-Core Cortex-A17@1.61GHz			
	GPU	Mali-T760 MP4 @600MHz			
	RAM	2GB DDR3			
	ROM	8GB NAND			
	USB	USB2.0 HOST (x2)			
	LAN	10/100M Ethernet			
	Wi-Fi	802.11b/g/n/ac			
	OS	Android 5.1.1			
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1			
Accessories	Included	Scheduling Software, Remote Control, User Manual			
	Optional	Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand			
Warranty	Warranty Period	3 Year Warranty			
	Technical Support	Lifetime			

High Vibrance Android Advertising Display

43” | 55”

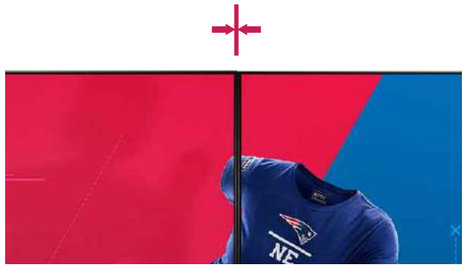
700cd/m² Brightness

Designed for brightly lit spaces such as retail stores and shopping centres. More than twice the brightness level of a standard domestic screen or monitor to make your content really stand out from the crowd.

700cd/m²

Narrow Bezel

These displays feature a slim border for applications where this is important, such as placing multiple screens side-by-side.

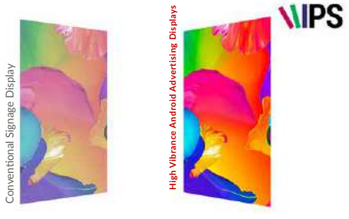


Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos on a USB stick, insert in the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.



Key Features

700CD/M² BRIGHTNESS

PLUG AND PLAY

INTEGRATED ANDROID MEDIA PLAYER

24/7 COMMERCIAL GRADE

LANDSCAPE OR PORTRAIT ORIENTATION

CONNECT DEVICES

IPS PANEL

OPTIONAL NETWORK UPGRADE

HIGH VIBRANCE

NARROW BEZEL

INTEGRATED NETWORK ANDROID MEDIA PLAYER

LANDSCAPE OR PORTRAIT ORIENTATION

24/7 Commercial Use

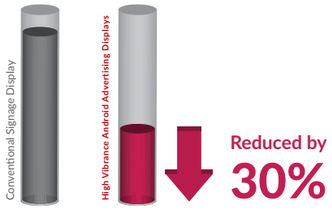
These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Free Scheduling Software

These displays come with free optional scheduling software for displaying different content at different times of the day. You can also display a “ticker tape” style scrolling text message along the bottom of the screen.

Low Power Consumption

The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



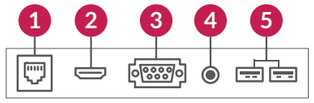
Wide Viewing Angle

Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in both landscape and portrait.

Multiple Inputs

Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.

1. LAN
2. HDMI
3. VGA
4. Audio in
5. 2 x USB



Scrolling Text

You can display a “ticker tape” style scrolling text message along the bottom of the screen, to help you get your message across or help highlight any specific promotions or offers.

Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

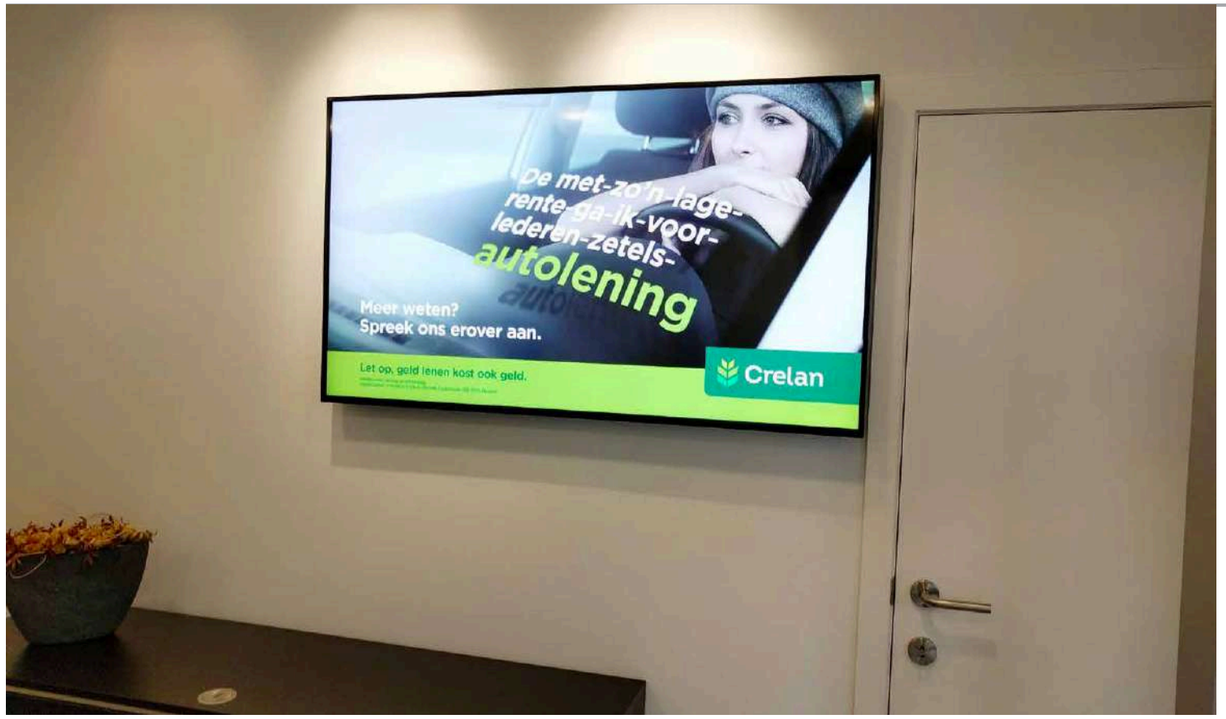
Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.

		43 Inch	55 Inch
Panel	Resolution	1920x1080	
	Display Area (mm)	941.2x529.42	1209.6x680.4
	Bezel Size (mm)	Top/Left/Right: 11.4 Bottom: 18.18	Top/Left/Right: 11.5 Bottom: 17
	Aspect Ratio	16:9	
	Brightness (cd/m²)	700	
	Colour	16.7M	
	Viewing Angle	178°	
	Contrast Ratio	4000:1	
Audio	Speaker Type	5W, 8Ω (x2)	
AV Inputs	Video	HDMI, VGA	
	Audio	Audio Socket (3.5mm)	
Power	Power Consumption (W)	45	65
	Input Voltage	AC110~240V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	964x559x60	1232x708.9x59.3
	Package Size (WxHxD mm)	1105x698x210	1385x845x190
	VESA Holes (mm)	400x200	400x400/400x300/400x200
	Net Weight (kg)	15.85	28
	Gross Weight (kg)	19.75	34.4
Environmental	Operating Temperature	0 °C to 50 °C	
	Storage Temperature	-30°C to 60°C	
	Operating Humidity	10% to 80%	
	Storage Humidity	5% to 95%	
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)	
	Media Resolution	1920x1080/1080x1920	
	Internal Memory	6GB	
	CPU	Quad-Core Cortex-A17@1.61GHz	
	GPU	Mali-T760 MP4 @600MHz	
	RAM	2GB DDR3	
	ROM	8GB NAND	
	USB	USB2.0 HOST (x2)	
	LAN	10/100M Ethernet	
	Wi-Fi	802.11b/g/n/ac	
	OS	Android 5.1.1	
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1	
Accessories	Included	Scheduling Software, Remote Control, User Manual	
	Optional	Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

Professional Monitors

32” | 43” | 50” | 55”



Budget Friendly Professional Displays

These displays are designed to be a cost effective 24/7 commercial display solution. If your application calls for a commercial screen and budget is a major factor these displays are perfect.

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.

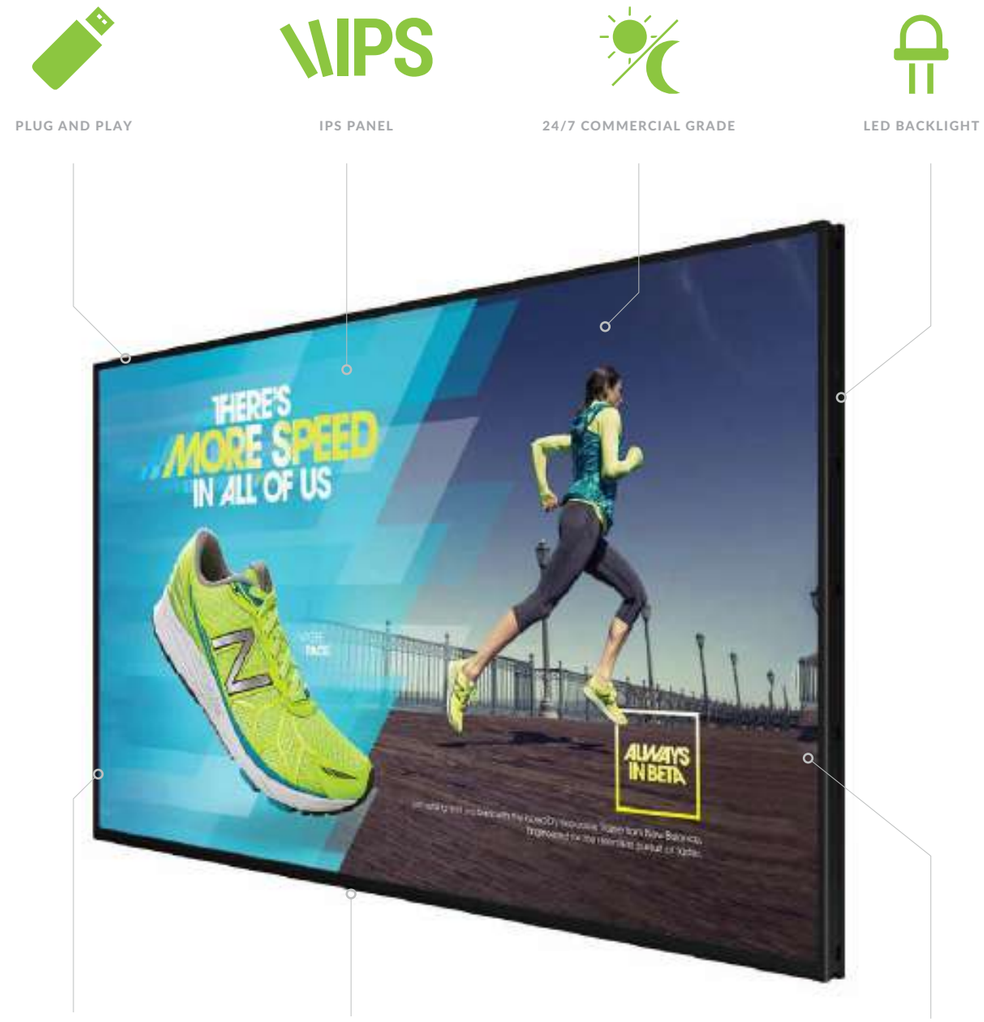
24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Narrow Bezel

A slim border helps draw attention to the screens images and not the display for maximum impact messaging. Thanks to the narrow bezel these monitors can also be used as part of a budget friendly video wall.

Key Features



CONNECT DEVICES

NARROW BEZEL

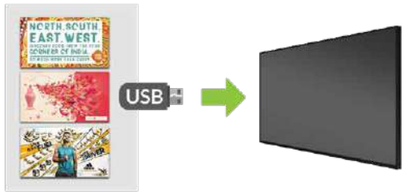
BUILT IN VIDEO MATRIX PROCESSOR

RS-232 CONTROL

Other Features

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick and insert into the display; your images and videos will now play in a continuous loop.



Built-in Video Matrix Processor

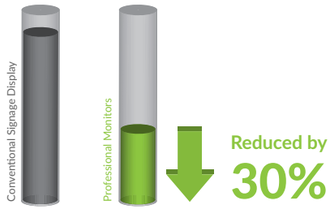
Automatically tile an external signal without the need for an expensive matrix box, creating a budget-friendly video wall solution.

Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Low Power Consumption

The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



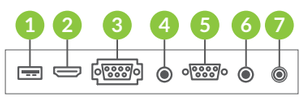
Wide Viewing Angle

Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in both landscape and portrait.

Connect Devices

Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.

1. USB
2. HDMI
3. VGA
4. Audio
5. RS-232
6. IR In
7. BNC

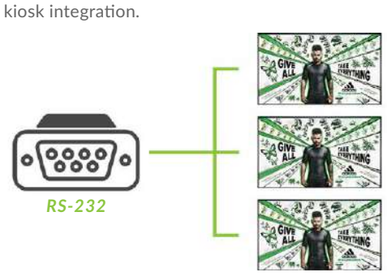


BNC Connection

Ideal for CCTV monitor applications our monitors have a BNC input for AV connections. The monitor is able to display video directly from CCTV cameras or from a Digital Video Recorder.

RS-232 Control and IR Extension

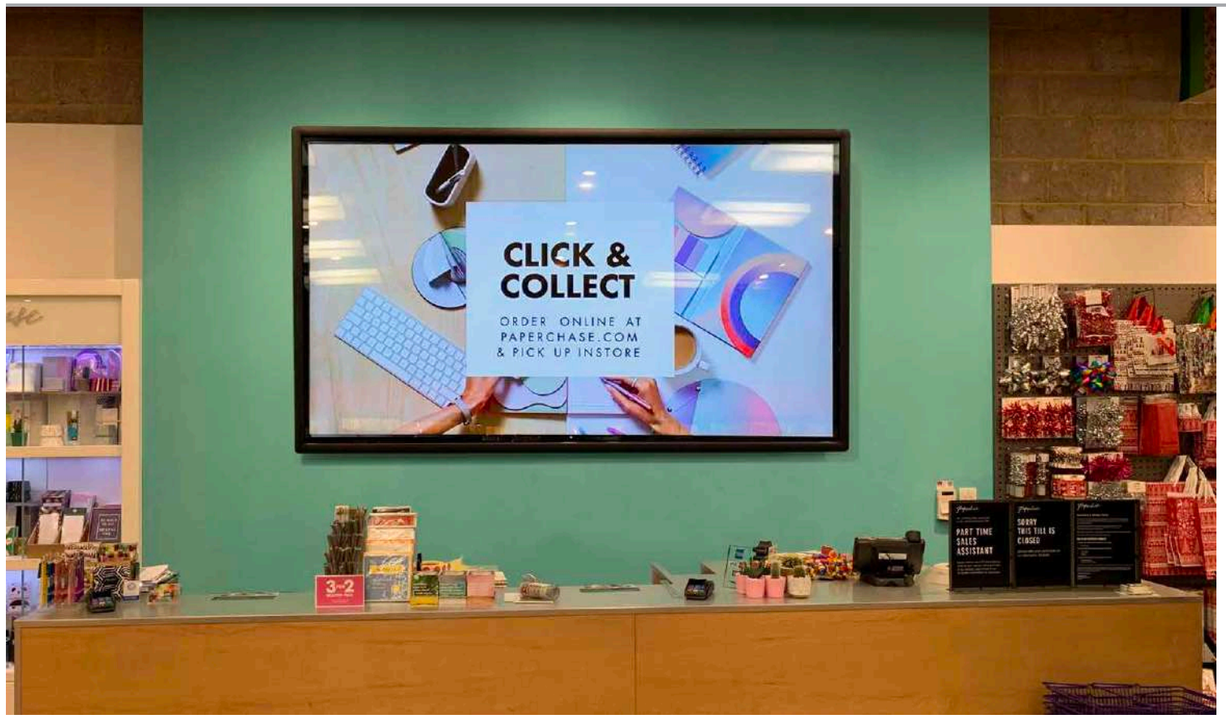
Remotely control your screens by sending commands over RS-232 or use the free infrared remote control sensor extension for easier kiosk integration.



		32 Inch	43 Inch	50 Inch	55 Inch
Panel	Resolution	1920x1080			
	Display Area (mm)	698.4x392.9	941.2x529.42	1073.78x604	1209.6x680.4
	Bezel Size	Top/left/right: 12.5, Bottom: 17.5	Top/left/right: 11.2, Bottom: 17.3		
	Pixel Pitch	0.369x0.369	0.49x0.49	0.55926x 0.55926	0.6342x0.6342
	Aspect Ratio	16:9			
	Brightness (cd/m²)	450			
	Colour	16.7M			
	Viewing Angle	178°			
	Contrast Ratio	4000:1			
Audio	Speaker Type	5W, 8Ω (x2)			
AV Inputs	Video	HDMI, VGA, Audio Socket (3.5mm), BNC (AV)			
	Control	RS-232			
Power	Power Consumption (W)	38	45	55	65
	Input Voltage	AC110~240V (50Hz~60Hz)			
Mechanical	Unit Size (WxHxD mm)	723.4x422.9x68	963.6x557.9x60.2	1097x633x60	1232x708.9x59.3
	Package Size (WxHxD mm)	865x560x210	1105x695x210	1235x763x200	1370x842x184
	VESA Holes (mm)	500x200/400x200	400x200	400x400/400x300/400x200	
	Net Weight (kg)	9	15.1	23.15	27.95
	Gross Weight (kg)	11.55	19	29.2	34.3
Environmental	Operating Temperature	0 °C to 50 °C			
	Storage Temperature	-30°C to 60°C			
	Operating Humidity	10% to 80%			
	Storage Humidity	5% to 95%			
Computer	Media Formats	Video (AVI, MP4), Audio (MP3), Image (JPG, BMP)			
	Media Resolution	1920x1080/1080x1920			
Accessories	Included	Scheduling Software, Remote Control, User Manual			
	Optional	Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand			
Warranty	Warranty Period	3 Year Warranty			
	Technical Support	Lifetime			

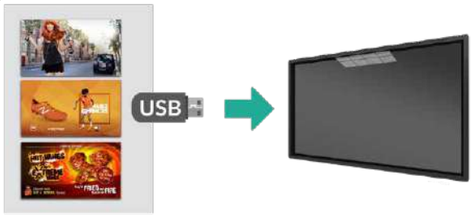
4K Large Format Displays

65” | 70” | 86”



Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.



24/7 Commercial Use

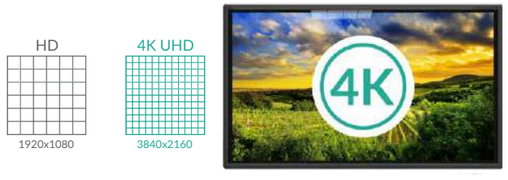
These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Integrated Android Media Player

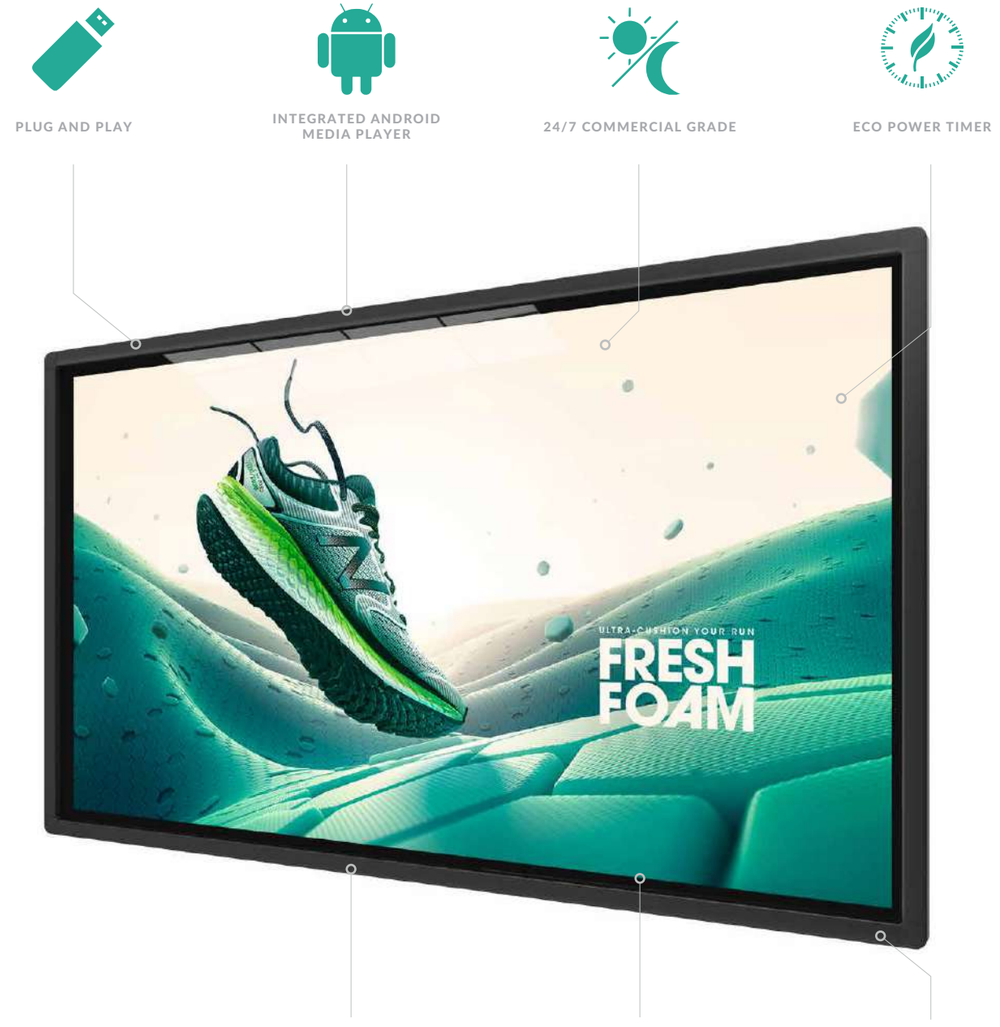
There is an integrated Android media player inside the screen allowing you to upgrade to a network version without needing any additional hardware. You can also install third party Android apps if required.

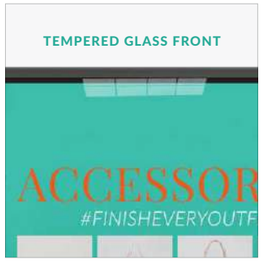
Remarkable 4K Display

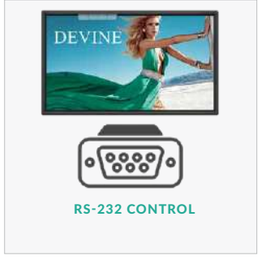
With four times the resolution of Full HD, get amazing picture quality for a truly immersive viewing experience when using HDMI.



Key Features







Other Features

450cd/m² Commercial Panel

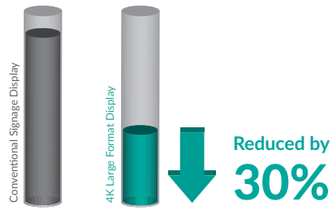
A commercial grade panel and components are used to ensure reliable 24/7 use in public spaces. The screen can also be used in landscape or portrait orientation.

Stunning Enclosure

The precision frame is crafted from black aluminium and assembled in segments so the enclosure can remain sexy and sleek with rounded corners and a tempered glass front for protection. A polymer rear cover keeps the display slim and lightweight.

Low Power Consumption

The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



Power Timer

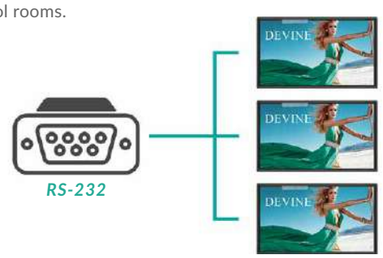
The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Temperature Control

A fanless cooling system keeps their panels and other internal components at the optimum working temperature; ensuring a long and reliable life for your screen.

RS-232 Control

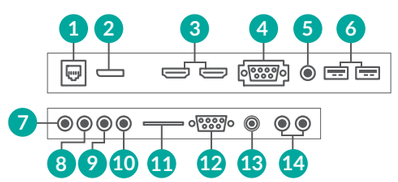
Remotely control your screens by sending commands over long or short distances using RS-232 protocols, ideal for CCTV control rooms.



Multiple Inputs

Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.

1. LAN
2. Displayport
3. HDMI x2
4. VGA
5. Audio in
6. USB x2
7. AV
8. YBPR
9. AV Out
10. AV Out
11. SD Card
12. RS-232
13. SPDIF
14. Wi-Fi-Aerial x2



Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.

		65 Inch	70 Inch	86 Inch
Panel	Resolution	3840x2160		
	Display Area (mm)	1428.5x803.5	1538.88x865.6	1895x1066
	Aspect Ratio	16:9		
	Brightness (cd/m²)	450		
	Colour	16.7M		
	Viewing Angle	178°		
	Contrast Ratio	4000:1		
Audio	Speaker Type	5W, 8Ω (x2)		
AV Inputs	Inputs	DisplayPort, HDMI x 2, VGA, Audio In, USB 3.0 x 2, AV In, YPbPr, SD Card		
	Outputs	AV Out, Audio Out, SPDIF		
	Control	RS-232		
Power	Power Consumption (W)	280	350	420
	Input Voltage	AC110~240V(50Hz~60Hz)		
Mechanical	Unit Size (WxHxD mm)	1516.5x892x110.8	1633.1x959.25x112.8	2018.4x1189.5x117.9
	Package Size (WxHxD mm)	1761x1202x341	1867x1194x340	2330x1710x530
	VESA Holes (mm)	400x400/400x600		600x400
	Net Weight (kg)	44	51.45	81.8
	Gross Weight (kg)	64.1	71.8	190
Environmental	Operating Temperature	0 °C to 50 °C		
	Storage Temperature	-30°C to 60°C		
	Operating Humidity	10% to 80%		
	Storage Humidity	5% to 95%		
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)		
	Media Resolution	1920x1080/1080x1920		
	CPU	ARM Quad-core Cortex-A53 1.4GHz		
	RAM	2GB DDR3		
	Architecture	64-bit		
	Graphic Engine	Mali450MP4 (6-core) 450MHz		
	Hard Drive/Internal Memory (eMMC)	16GB		
	USB	USB 3.0 x 2, USB 2.0 x3		
	LAN	10/100 Ethernet		
	Wi-Fi	802.11b/g/n/ac		
	OS	Android 5.0.1		
Accessories	Included	Remote Control, User Manual, Power Lead		
	Included	Wall Mount, Floor Stand/Trolley		
Warranty	Warranty Period	3 Year Warranty		
	Technical Support	Lifetime		

LCD Video Wall Displays

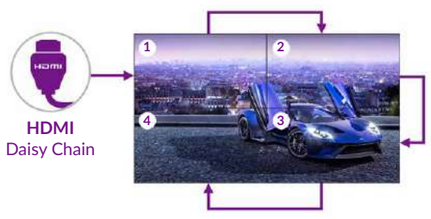
49” | 55”

Super Narrow Bezel (3.5mm)

With a total screen-to-screen bezel size of 3.5mm these displays are ideal as part of a virtually seamless LCD video wall – providing you with an eye catching, and content focused display. Their super narrow bezel allows you to build video walls of any size.

Daisy Chain Tiling

These displays feature a HDMI in and out so that you can daisy chain video walls of any size without the need for an expensive external matrix controller; providing a hassle free, cost-effective solution.



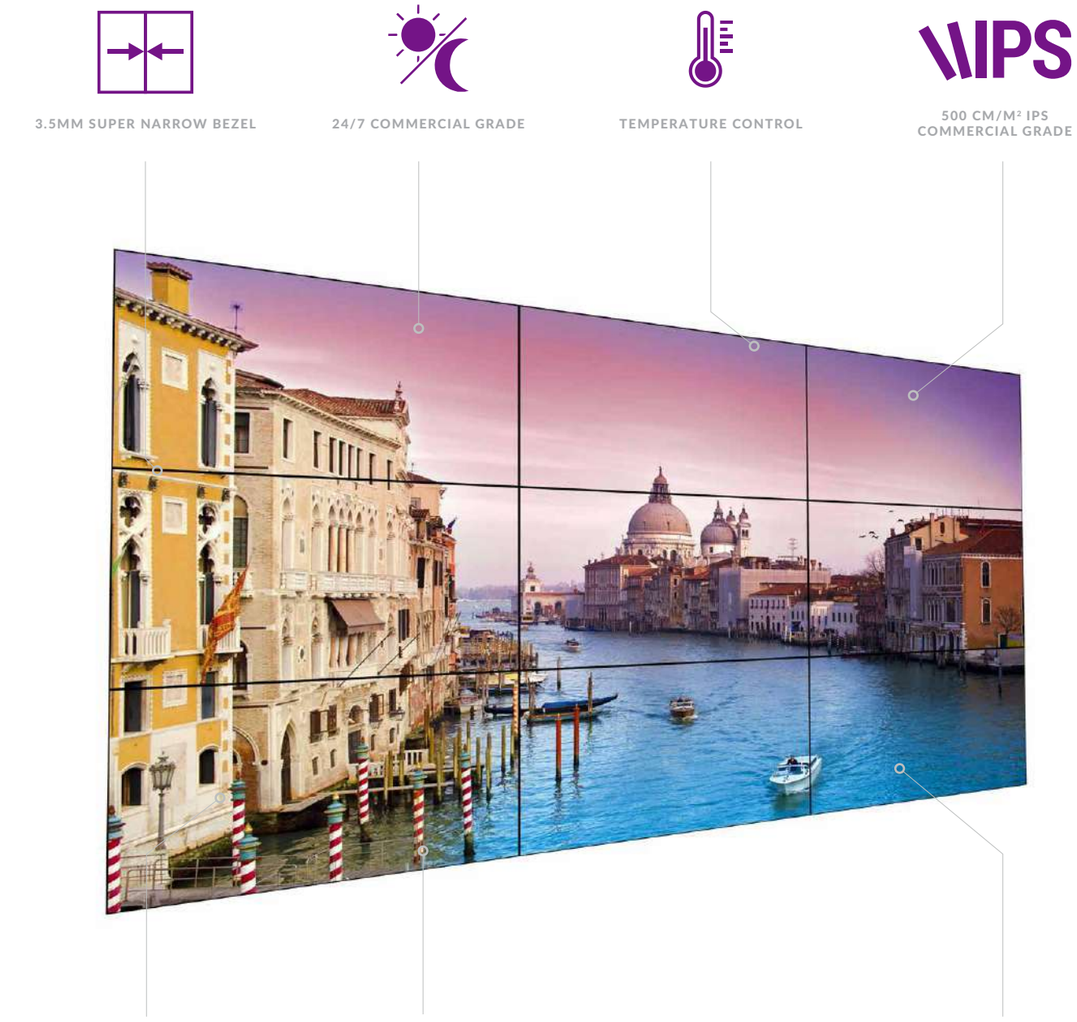
500cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.

4K Compatible Video Walls

With large video walls content resolution is very important. If you have a 4K source you can achieve stunning Ultra High Definition resolution across your video wall configuration without having to purchase an external matrix controller.

Key Features



SEAMLESS VIDEO WALLS

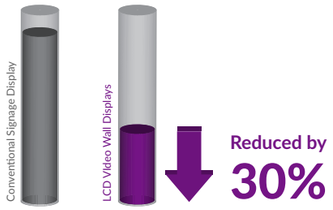
DAISY CHAIN TILING

ULTRA RESISTANT TO
BLACKENING DEFECT

RANGE OF AV INPUTS

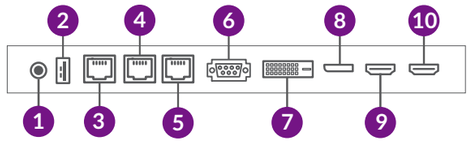
Low Power Consumption

The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



Multiple Inputs

Wide range of video inputs, such as HDMI, VGA, DVI and DisplayPort. These are ideal if the screens are being used individually or being run from an external matrix controller.



1. Audio Out
2. USB (Firmware Update)
3. RS-232 In
4. RS-232 Out
5. IR Extension
6. VGA
7. DVI
8. Displayport
9. HDMI In
10. HDMI Out

Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Smart Temperature Control

A fanless cooling system keeps their panels and other internal components at the optimum working temperature; ensuring a long and reliable life for your screen.

Wide Viewing Angle

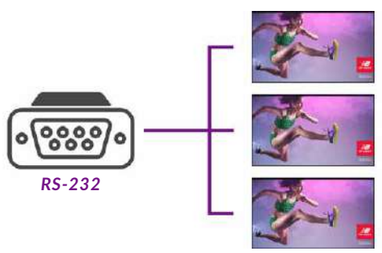
Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in both landscape and portrait.

24/7 Commercial Grade

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

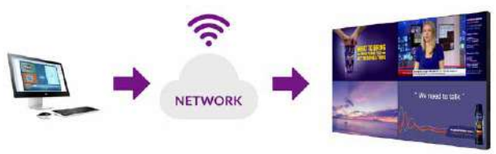
RS-232 Control

Remotely control your screens by sending commands over long or short distances using RS-232 protocols.



Optional External Network Upgrade

Our Cloud Network Media Player can be used allowing you to connect your video wall via Wi-Fi, LAN or 4G, and then remotely update it over the internet. For more information please go to page 115.



		49 Inch	55 Inch
Panel	Resolution	1920x1080	
	Bezel Size	Bottom/right: 2.34, Top/left: 1.16	Bottom/right: 1.2, Top/left: 2.3
	Display Area (mm)	1074x604.3	1209.9x680.7
	Aspect Ratio	16:9	
	Brightness (cd/m²)	500	
	Colour	16.7M	
	Colour Temperature	10,000K	
	Viewing Angle	178°	
	Contrast Ratio	4000:1	
AV Inputs/Outputs	Inputs	HDMI In, DVI In, VGA In, RS-232 In, DP In, USB	
	Outputs	RS-232 Out x 2, HDMI Out, Audio Out	
Power	Power Consumption (W)	155	160
	Input Voltage	100V ~ 240V(50/60Hz)	
	Power Management	VESA DPMS	
Mechanical	Unit Size (WxHxD mm)	1077.5x607.8x113.8	1213.4x684.2x117.9
	Package Size (WxHxD mm)	1258x858x285	1400x950x280
	VESA Holes (mm)	600x300	
	Net Weight (kg)	25	31.5
	Gross Weight (kg)	33.3	40.6
Environmental	Operating Temperature	0 °C to 50 °C	
	Storage Temperature	-30°C to 60°C	
	Working Pressure	800-1114 hPa (Altitude:0-2,000m)	
Accessories	Included	1.5m HDMI Cable, LAN Cable and IR Sensor, Remote Control, 1.5m Power Cable, User Manual	
	Optional	Network or Standalone Media Player, Touch Screen Frame	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

High Brightness Professional Monitors

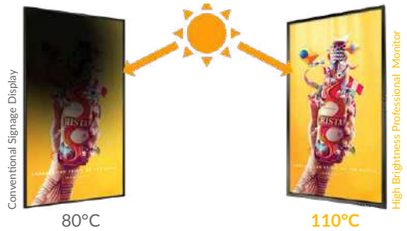
32” | 43” | 49” | 55” | 65”

Window Displays (1,500cd/m²)

Brightness is paramount when using outward facing screens, these displays use commercial grade high brightness panels (1,500cd/m²); more than 5 times brighter than a standard home TV to allow easy readability in window displays.

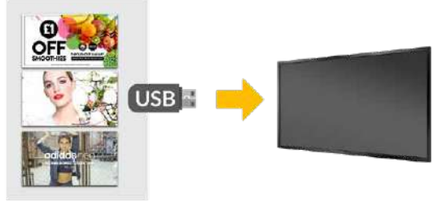
Ultra Resistant Blackening Defect (up to 110°C)

LCD panels exposed to direct sunlight suffer from temporary blackening defect. These displays use a special high brightness panel that can withstand surface temperatures up to 110°C with no blackening defect occurring.



Plug and Play

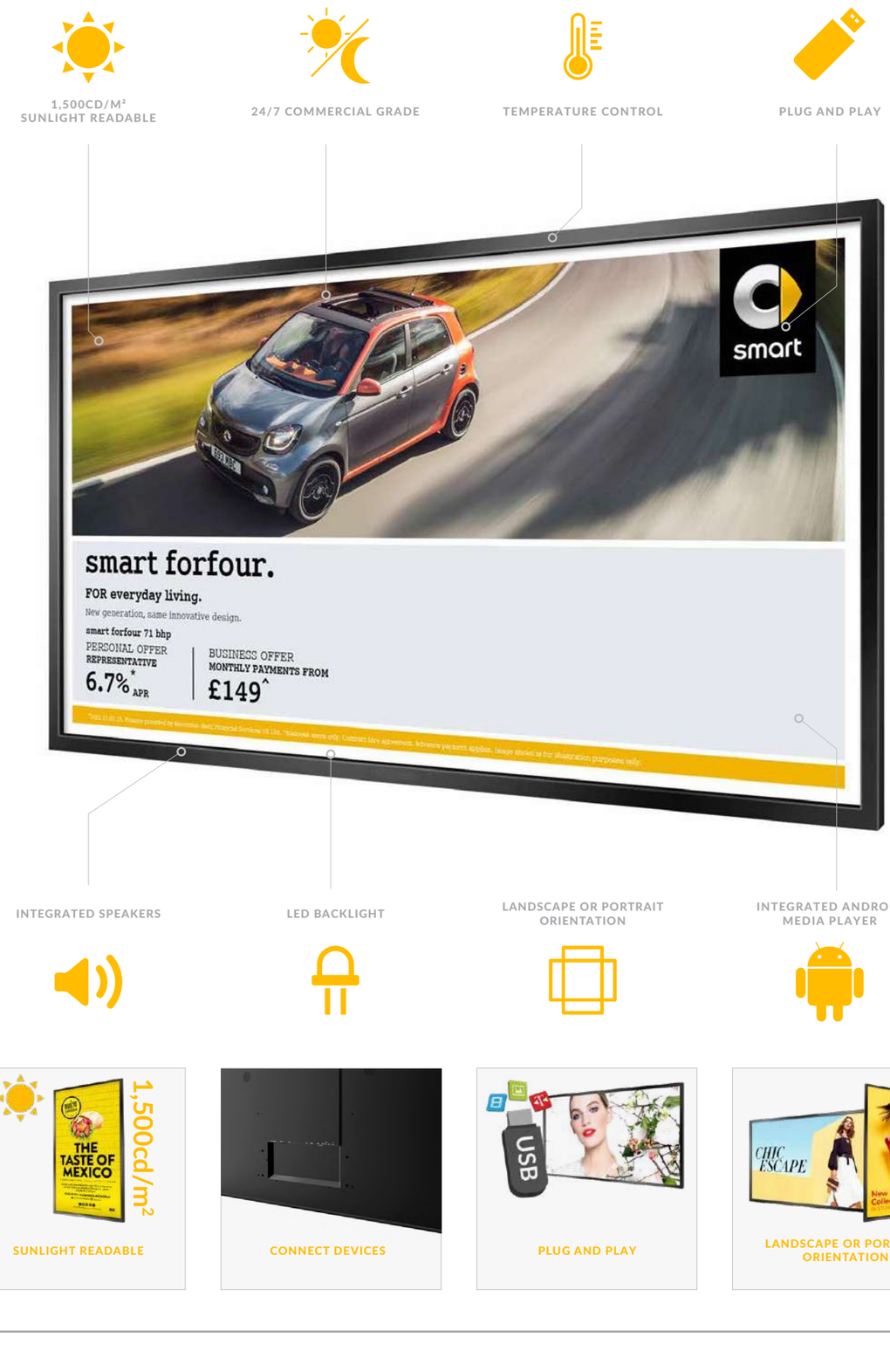
Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

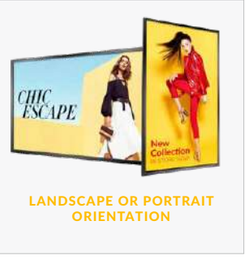


Advanced Temperature Control System

The internal airflow system allows the screen to be in constant use in an outward facing window. The panel and other internal components are kept at the optimum working temperature; ensuring a long and reliable life for your screens.

Key Features





Other Features

24/7 Commercial Grade

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Android Media Player

There is an integrated Android media player inside the screen allowing you to upgrade to a network version without needing any additional hardware. You can also install third party Android apps if required.

Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Multiple Inputs

Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.

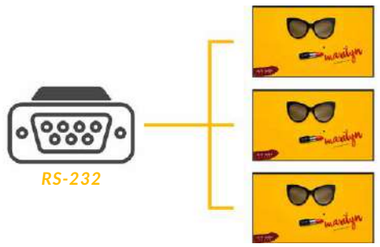
1 RS-232
2 WiFi
3 IR IN
4 LAN
5 HDMI
6 VGA
7 Audio IN
8 USB x 2

Landscape or Portrait Orientation

Thanks to their commercial grade panel these displays can be mounted in either landscape or portrait orientation and still retain a 178° viewing angle and remarkable image quality.

RS-232 Control

Remotely control your screens by sending commands over long or short distances using RS-232 protocols.



Integrated Speakers

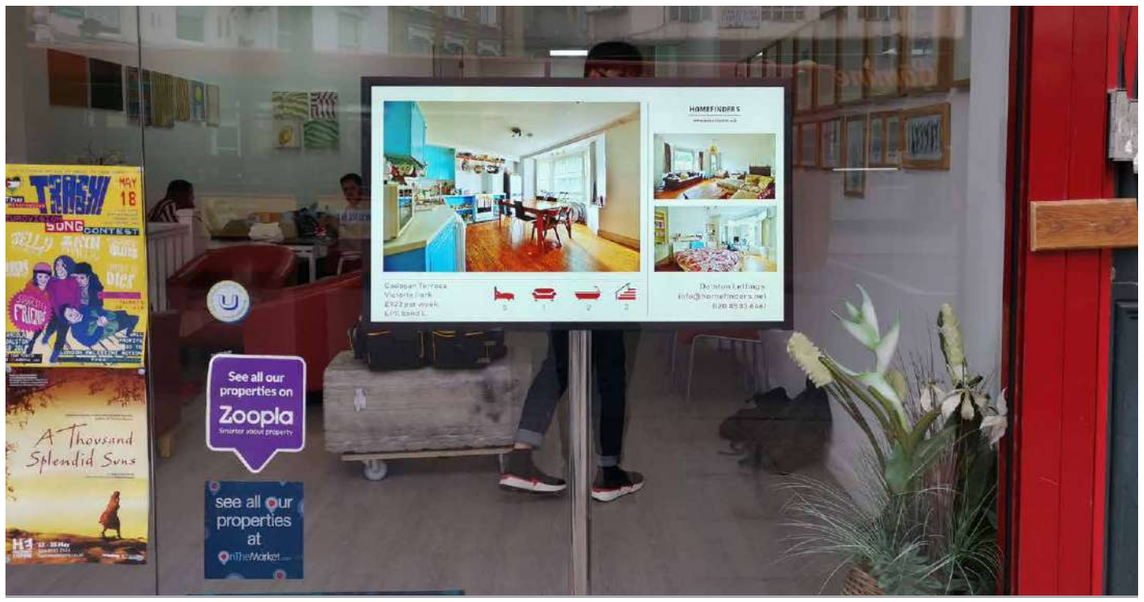
The displays feature two integrated slimline speakers for applications that require an audio element.

2W, 5Ω x 2
Integrated Speakers

Optional Network Upgrade

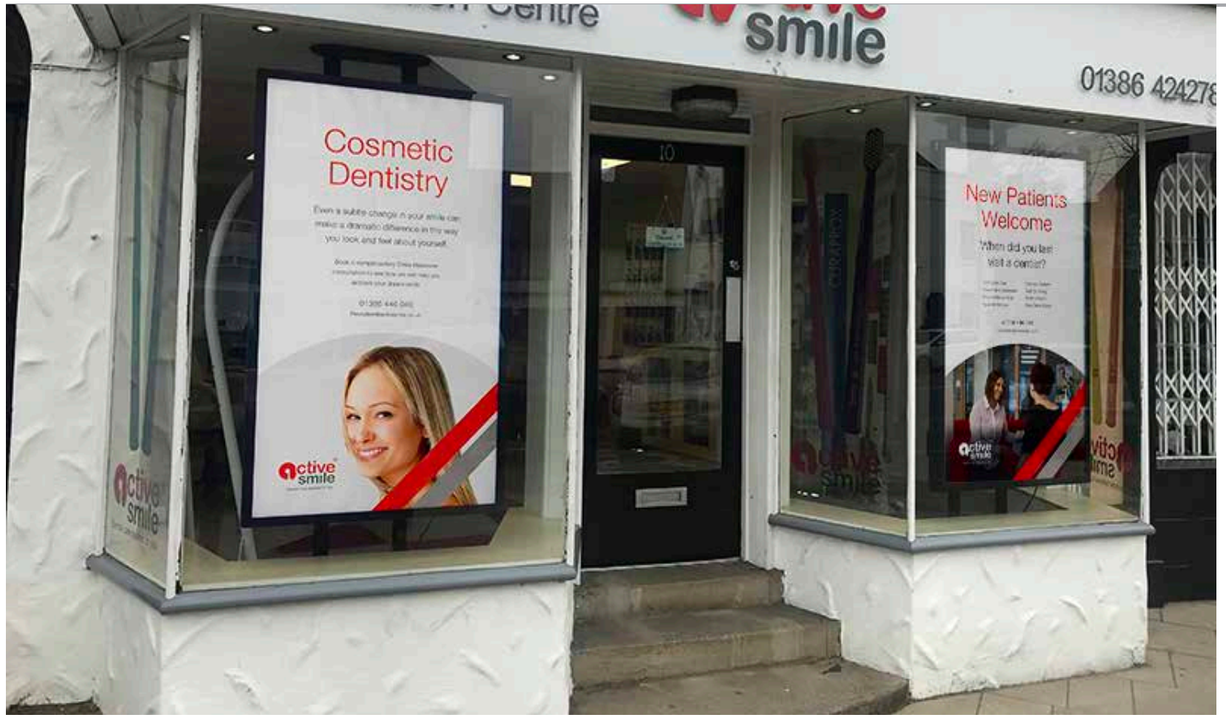
For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.

		32 Inch	43 Inch	49 Inch	55 Inch	65 Inch
Panel	Resolution	1920x1080				
	Display Area (mm)	698.4x392.85	941.18x529.42	1044x589	1209.6x680.4	1428.5x803.5
	Aspect Ratio	16:9				
	Brightness (cd/m²)	1,500				
	Colour	16.7M				
	Viewing Angle	178°				
	Contrast Ratio	4000:1	3000:1	5000:1		
Audio	Speaker Type	2W, 5Ω (x2)				
AV Inputs	Video	HDMI, VGA				
	Audio	Audio Socket (3.5mm)				
Power	Power Consumption (W)	180	230	300	340	420
	Input Voltage	AC110~240V (50Hz~60Hz)				
Mechanical	Unit Size (WxHxD mm)	748x442.8x69.5	987.2x575.1x57.2	1122x652x58	1273x743x93	1539x908.4x107
	Package Size (WxHxD mm)	907x600x237	1123x725x215	1275x784x234	1435x895x285	1738x1105x320
	VESA Holes (mm)	400x200	400x400		600x400	
	Net Weight (Kg)	14.6	20.7	23.2	40.15	63.25
	Gross Weight (Kg)	18.1	24.4	28.8	46.6	74.25
Environmental	Surface Panel Temperature	110°C				
	Operating Temperature	0 °C to 50 °C				
	Storage Temperature	-30°C to 60°C				
	Operating Humidity	10% to 80%				
	Storage Humidity	5% to 95%				
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)				
	Media Resolution	1920x1080/1080x1920				
	Internal Memory	6GB				
	CPU	Quad-Core Cortex-A17@1.61GHz				
	GPU	Mali-T760 MP4 @600MHz				
	RAM	2GB DDR3				
	ROM	8GB NAND				
	USB	USB2.0 HOST (x2)				
	LAN	10/100M Ethernet (Network Version Only)				
	Wi-Fi	802.11b/g/n/ac (Network Version Only)				
	OS	Android 5.1.1				
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1				
Accessories	Included	Scheduling Software, Remote Control, User Manual				
	Optional	Network Upgrade, Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand				
Warranty	Warranty Period	3 Year Warranty				
	Technical Support	Lifetime				



Ultra High Brightness Professional Monitors

46” | 55” | 65”



Direct Sunlight Readable (2,500cd/m²)

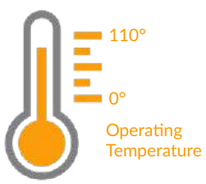
Designed for window displays that face the challenge of direct sunlight. These displays use commercial grade ultra high brightness panels (2,500cd/m²); up to 10 times brighter than a domestic television.

Ultra Resistant Blackening Defect (up to 110°C)

LCD panels exposed to direct sunlight suffer from temporary blackening defect. These displays use a special ultra-high brightness panel that can withstand surface temperatures up to 110°C with no blackening defect occurring.

Advanced Temperature Control System

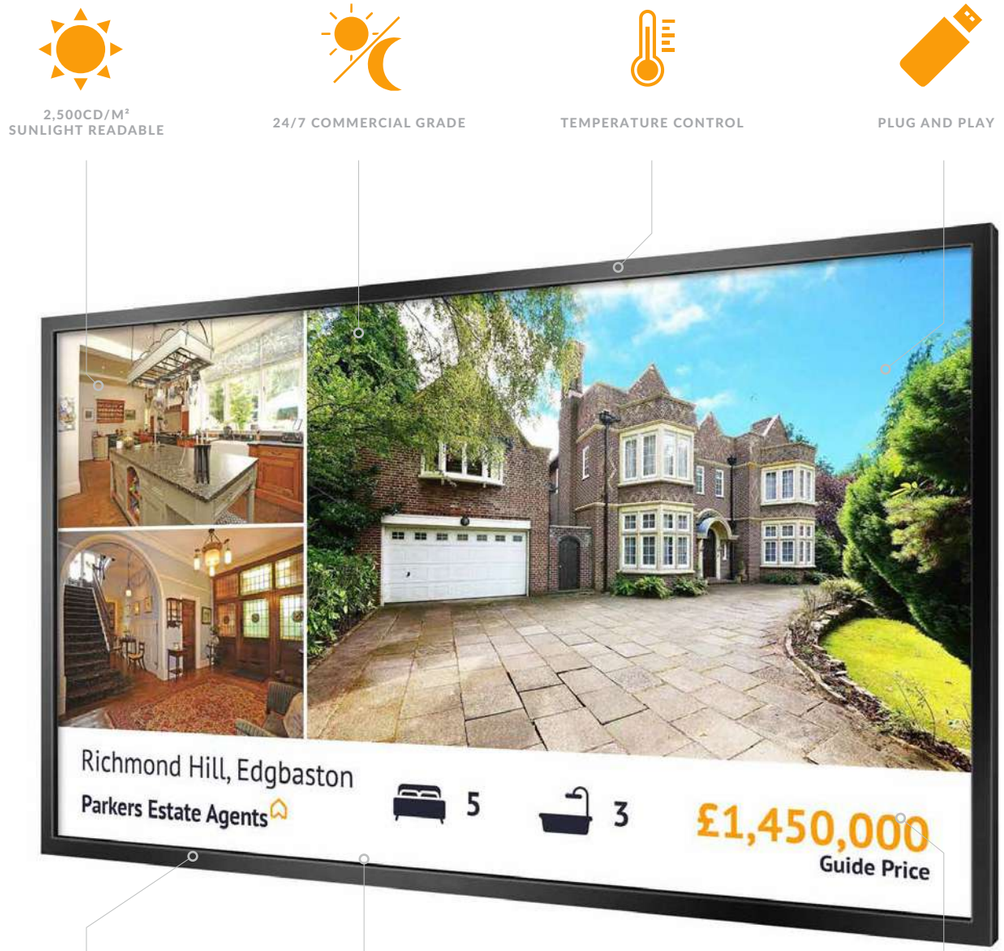
The internal airflow system allows the screen to be in constant use in an outward facing window. The panel and other internal components are kept at the optimum working temperature; ensuring a long and reliable life for your screens.



IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.

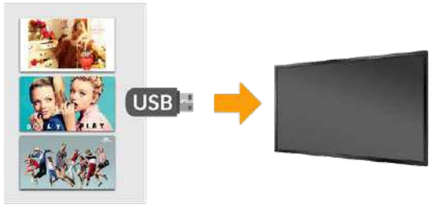
Key Features



Other Features

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.



24/7 Commercial Grade

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Android Media Player

There is an integrated Android media player inside the screen allowing you to upgrade to a network version without needing any additional hardware. You can also install third party Android apps if required.

Multiple Inputs

Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.

1 RS-232
2 WiFi
3 IR IN
4 LAN
5 HDMI
6 VGA
7 Audio IN
8 USB x 2

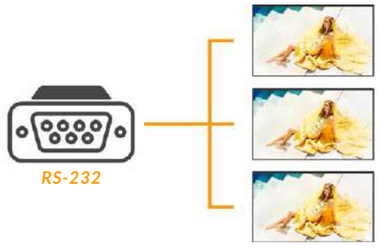
Integrated Speakers

The displays feature two integrated slimline speakers for applications that require an audio element.

2W, 5Ω x 2
Integrated Speakers

RS-232 Control

Remotely control your screens by sending commands over long or short distances using RS-232 protocols.



Freestanding White Version Available

A stylish white freestanding version of the Ultra High Brightness Monitor is available in a 46” model.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.

		46 Inch	55 Inch	65 Inch
Panel	Resolution	1920x1080		
	Display Area (mm)	1018.1x572.7	1210x680.8	1429x804
	Aspect Ratio	16:9		
	Brightness (cd/m²)	2,500		
	Colour	16.7M		
	Viewing Angle	178°		
	Contrast Ratio	5000:1		4000:1
	Blackening Defect Free	Up to 110°C (230°F)		
Audio	Speaker Type	2W, 5Ω (x2)		
AV Inputs	Video	HDMI, VGA		
	Audio	Audio Socket (3.5mm)		
Power	Power Consumption (W)	380	440	490
	Input Voltage	AC110~240V (50Hz~60Hz)		
Mechanical	Unit Size (WxHxD mm)	1080.5x635.1x132.7	1272.6x743.4x132.8	1491x866x123.5
	Package Size (WxHxD mm)	1220x781x278	1420x891x295	1650x1000x280
	VESA Holes (mm)	600x400		
	Net Weight (kg)	28.05	36	56.1
	Gross Weight (kg)	31.6	44.15	67.45
Environmental	Surface Panel Temperature	110°C		
	Operating Temperature	0 °C to 50 °C		
	Storage Temperature	-30°C to 60°C		
	Operating Humidity	10% to 80%		
	Storage Humidity	5% to 95%		
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)		
	Media Resolution	1920x1080/1080x1920		
	Internal Memory	6GB		
	CPU	Quad-Core Cortex-A17@1.61GHz		
	GPU	Mali-T760 MP4 @600MHz		
	RAM	2GB DDR3		
	ROM	8GB NAND		
	USB	USB2.0 HOST (x2)		
	LAN	10/100M Ethernet (Network Version Only)		
	Wi-Fi	802.11b/g/n/ac (Network Version Only)		
	OS	Android 5.1.1		
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1		
Accessories	Included	Scheduling Software, Remote Control, User Manual		
	Optional	Network Upgrade, Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand		
Warranty	Warranty Period	3 Year Warranty		
	Technical Support	Lifetime		

Digital Rod Displays

15”

Sunlight Readable Digital Light Pockets

Seize the benefits of these dynamic LCD digital light pockets. Ideal for combining with static light pockets in window displays to provide eye-catching motion alongside printed signage. Really catch the attention of passers-by and potential customers.

Rod Powered Displays

No mains cable is required to provide power as these innovative screens are powered via the rods on which they are mounted. Achieve a clean and seamless installation with no cables whatsoever for a modern and sleek feel.

Rear Graphics Pocket

On the rear of the display there is a pocket that a printed graphic can be inserted into to really maximise on the space used. This can be removed if necessary but comes as standard at no extra cost.

1,000cd/m² Commercial Panel

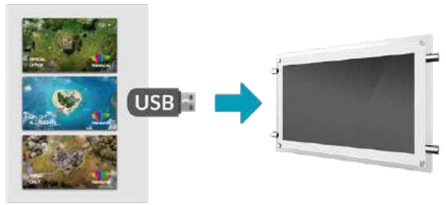
Brightness is paramount when using outward facing screens, these displays use commercial grade high brightness panels (1,000cd/m²); almost 4 times brighter than a standard home TV to allow easy readability in window displays.

Key Features

Other Features

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick and insert into the display; your images and videos will now play in a continuous loop.



Free Scheduling Software

These displays come with free scheduling software for displaying different content at different times of the day. If you prefer to keep it simple you can update the screen directly without using the software.

24/7 Usage

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and are designed for commercial use.

Android Media Player

There is an integrated Android media player inside the screen allowing you to upgrade to a network version without needing any additional hardware. You can also install third party Android apps if required.

Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

LED Frame

These displays have an attractive LED illuminated bevelled edge to compliment traditional static light pockets seamlessly.

Synchronise Multiple Displays

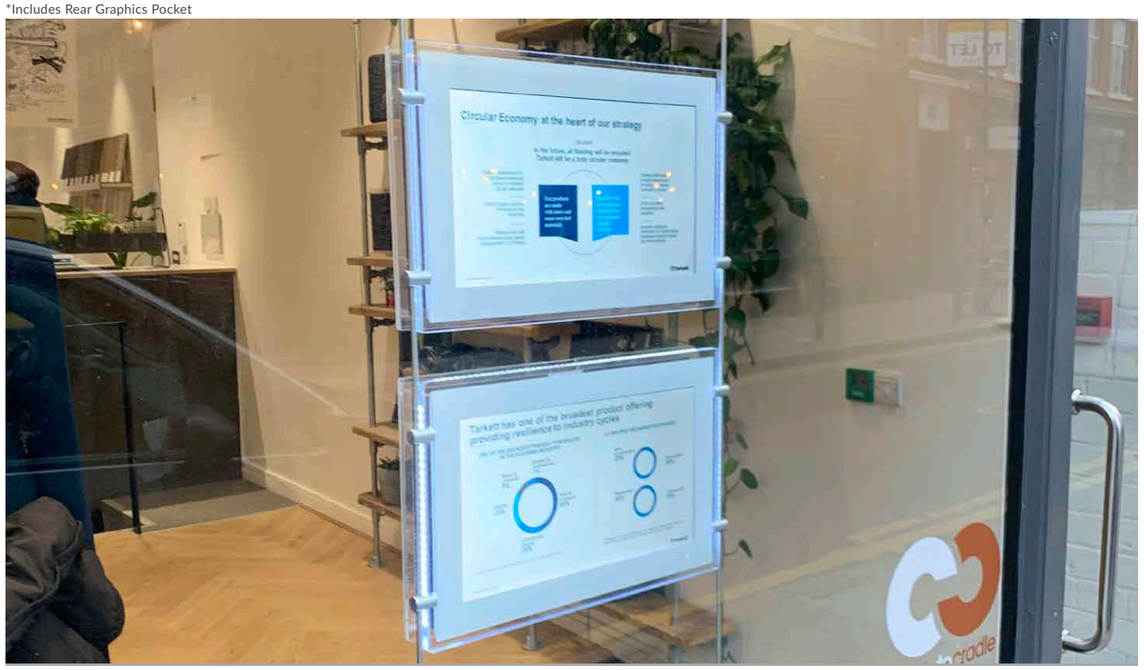
Synchronise your content across multiple screens in the same window display. You can achieve the effect of one large image or video across multiple screens or have content playing and transitioning in perfect unison.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.

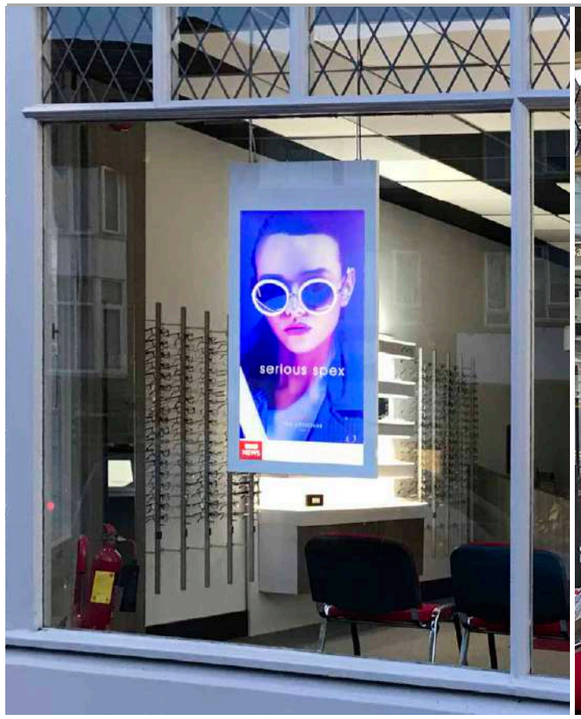
		15 Inch
Panel	Resolution	1920x1080
	Display Area (mm)	344x193.5
	Aspect Ratio	16:9
	Brightness (cd/m²)	1000
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	5000:1
Audio	Speaker Type	5W, 8Ω (x2)
AV Inputs	Video	HDMI, VGA
	Audio	Audio Socket (3.5mm)
Power	Power Consumption (W)	16
	Input Voltage	12V (DC)
Mechanical	Unit Size (WxHxD mm)	430x280x49.2*
	Package Size (WxHxD mm)	510x360x185
	Net Weight (kg)	3.3
	Gross Weight (kg)	6.1
Environmental	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x1080/1080x1920
	Internal Memory	6GB
	CPU	Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz
	RAM	2GB DDR3
	ROM	8GB NAND
	USB	USB2.0 HOST (x2)
	LAN	10/100M Ethernet (Network Version Only)
	Wi-Fi	802.11b/g/n/ac (Network Version Only)
	OS	Android 5.1.1
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Accessories	Included	Scheduling Software, Remote Control, User Manual
	Optional	Network Upgrade, Rod Transformer Kit, Rod Fittings Kit
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

*Includes Rear Graphics Pocket



Hanging Double-Sided Window Displays

43” | 55”

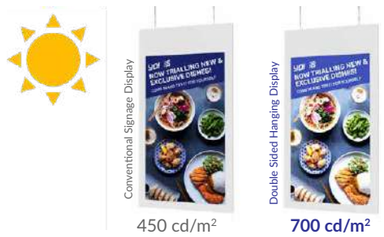


Double Sided Window Display

Grab the attention of onlookers with the outward facing, sunlight readable screen. Once your customers are inside the building you can then use the inward facing display to reinforce your message further.

Window Displays (700cd/m²)

Brightness is paramount when using outward facing screens, these displays use commercial grade high brightness panels (700cd/m²); more than twice the brightness of a standard home TV to allow easy readability in window displays.



450 cd/m² | **700 cd/m²**

Ultra Resistant Blackening Defect (up to 110°C)

LCD panels exposed to direct sunlight suffer from temporary blackening defect. These displays use a special high brightness panel that can withstand surface temperatures up to 110°C with no blackening defect occurring.

80°C | **110°C**

Plug and Play

Plug and play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

Key Features

DOUBLE SIDED DISPLAY

24/7 COMMERCIAL GRADE

INTEGRATED ANDROID MEDIA PLAYER

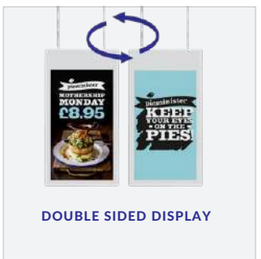
CEILING MOUNT

IPS PANEL

PLUG AND PLAY

LED BACKLIGHT

OPTIONAL NETWORK UPGRADE



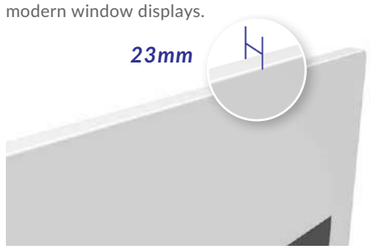
Other Features

24/7 Commercial Grade

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours; a true commercial grade solution.

Super Slim Design

Even though these displays feature two separate screens they have a profile thinner than most single-sided displays. They have a remarkable depth of just 23mm, allowing for stylish and modern window displays.



Wide Viewing Angle

Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in portrait orientation.

Integrated Ceiling Mount

The screen comes with an integrated wire hanging mounting solution so no additional ceiling mount is required. You can even hide unsightly power and data cables in the cover tubes provided.

Integrated Android Media Player

There is an integrated Android media player inside the screen allowing you to upgrade to a network version without needing any additional hardware. You can also install third party Android apps if required.

700cd/m² & 450cd/m² IPS Panel

The outward facing screen uses a high brightness panel for grabbing the attention of passers-by while the inward facing screen uses a lower brightness panel for easy indoor readability.

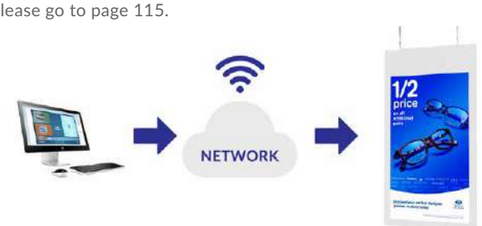
Integrated Speakers

The displays feature two integrated slimline speakers for applications that require an audio element.

2W, 5Ω x 2
Integrated Speakers

Optional Network Upgrade

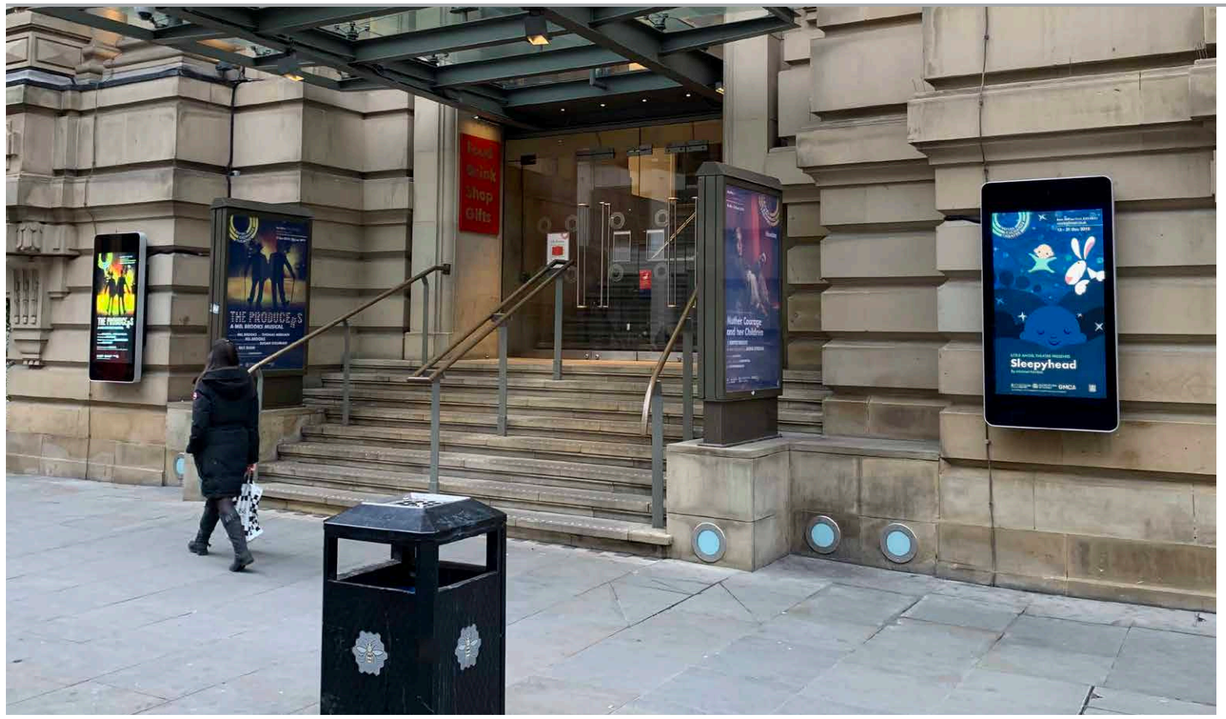
For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.



		43 Inch	55 Inch
Panel	Resolution	1920x1080	
	Display Areas (mm)	943x536	1209.6×680.4
	Aspect Ratio	16:9	
	Outward Brightness (cd/m²)	700	
	Inward Brightness (cd/m²)	450	
	Colour	16.7M	
	Viewing Angle	178°	
	Contrast Ratio	1200:1	
Audio	Speaker Type	2W, 8Ω (x2)	
AV Inputs	Video	HDMI, VGA	
	Audio	Audio Socket (3.5mm)	
Power	Power Consumption (W)	150	220
	Input Voltage	AC100~230V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	1180x635x23	1573x828x23
	Package Size (WxHxD mm)	1300x750x160	1590x930x160
	Net Weight (kg)	16.9	26.1
	Gross Weight (kg)	22.5	34.3
Environmental	Operating Temperature	0 °C to 40 °C	
	Storage Temperature	-20°C to 60°C	
	Operating Humidity	0% to 90%	
	Storage Humidity	0% to 95%	
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)	
	Media Resolution	1920x1080/1080x1920	
	Internal Memory	6GB	
	CPU	Quad-Core Cortex-A17@1.61GHz	
	GPU	Mali-T760 MP4 @600MHz	
	RAM	2GB DDR3	
	ROM	8GB NAND	
	USB	USB2.0 HOST (x2)	
	LAN	10/100M Ethernet (Network Version Only)	
	Wi-Fi	802.11b/g/n/ac (Network Version Only)	
	OS	Android 5.1.1	
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1	
Accessories	Included	Installation Kit (includes 2 x 2.4m Wire Ropes), Scheduling Software, Remote Control, User Manual	
	Optional	Network Upgrade	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

Outdoor Digital Advertising Displays

22” | 32” | 43” | 49” | 55” | 65”



Direct Sunlight Readable

Designed for the challenge of direct sunlight, these displays use commercial grade ultra high brightness panels (2,500cd/m²); up to 10 times brighter than a domestic television*.

2,500cd/m²

*22” Display is 2,000cd/m²

Weatherproof

Designed with a rugged, corrosion protected, outer casing to give protection from the elements. The outer casing has an IP65 rating which means it keeps out airborne swarf, dust and other particles as well as being protected from any wet weather conditions.

Protection from the weather!

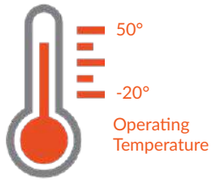
Vandalproof

The enclosure is made from mild steel as well as having a thermally toughened glass front. Controls and inputs are also hidden and not accessible to passers-by to avoid tampering.

5mm Tough Glass

Advanced Temperature Control System

The internal airflow system keeps your screen running at the optimal temperature regardless of the external conditions to maximise the life of your product. Built in air-conditioning can be tailored to allow the display to work in any climate.



Key Features

IP65 Rated Sturdy Enclosure

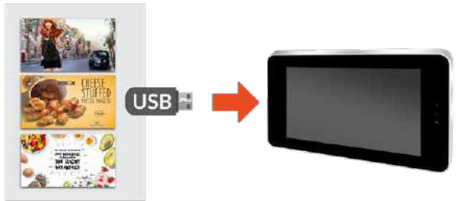
An IP65 rating means that display is able to withstand all wet weather conditions and also features waterproof over moulded AV connectors.

Anti Reflective Glass

The front glass face is specially treated which helps to diffuse direct sunlight making the display easily readable in bright weather conditions.

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.



Lockable Wall Mount

A lockable wall mount is included at no extra cost, allowing you to securely mount your screen in either landscape or portrait orientation; ensuring that you have a complete turnkey solution.

Ambient Light Sensor

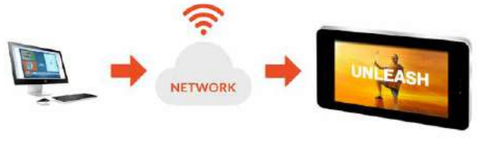
The display has a light sensor that changes the screen's brightness depending on the ambient light ensuring the most suitable brightness at any time of the day.

Internal Locker

Should you need connect the screen to an external source, like a PC or media player, you can use the HDMI input or the VGA and 3.5mm audio jack inputs and hide the player inside the internal locker.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.



Hardware Modifications

These displays can be adapted in a variety of ways including a touch screen upgrade and the integration of a 4G module or camera.

		22 Inch	32 Inch	43 Inch	49 Inch	55 Inch	65 Inch
Panel	Resolution	1920x1080					
	Pixel Pitch	0.2537x 0.2537	0.36375x0.36375	0.1615x0.4845	0.565 x 0.565	0.21x0.63	0.744 x 0.744
	Display Area (mm)	270x477	396x702	526x934	603x1073	684x1215	803.5x1428.5
	Aspect Ratio	16:9					
	Brightness (cd/m²)	2,000	2,500				
	Colour	16.7M					
	Viewing Angle	178°					
	Contrast Ratio	8000:1					
AV Inputs	Video	HDMI, VGA					
Power	Power Consumption (W)	130	190	250	300	430	550
	Input Voltage	AC110~240V (50Hz~60Hz)					
Mechanical	Unit Size (WxHxD mm)	397x737x120	516x1041x130	670x1410x140	746x1500x140	817x1637x145	990x1910x140
	Package Size (WxHxD mm)	845x515x280	1180x640x338	1550x793x302	1632x860x300	1800x1050x310	2030x1100x320
	VESA Holes (mm)	350x250	400x300	400x400/400x800	500x400/500x800	600x400/600x800	800x400/1000x400
	Net Weight (kg)	20.05	36.2	58.75	80	85	95
	Gross Weight (kg)	23.5	45	70.15	91	98	120
	IK Rating	IK08					
Environmental	Operating Temperature:	-20 °C to 50 °C					
	Operating Humidity:	10% - 80%					
	Storage Temperature:	-30°C - 60°C					
	Storage Humidity:	5% - 90%					
	Enclosure Protection	IP65					
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)					
	Media Resolution	1920x1080/1080x1920					
	Internal Memory	6GB					
	CPU	Quad-Core Cortex-A17@1.61GHz					
	GPU	Mali-T760 MP4 @600MHz					
	RAM	2GB DDR3					
	ROM	8GB NAND					
	USB	USB2.0 HOST (x2)					
	LAN	10/100M Ethernet (Network Version Only)					
	Wi-Fi	802.11b/g/n/ac (Network Version Only)					
	OS	Android 5.1.1					
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1					
Accessories	Included	AC Power Cable, Remote Control, Wall Mount					
	Optional	Touch Screen Upgrade, Network Upgrade, Camera					
Warranty	Warranty Period	3 Year Warranty					
	Technical Support	Lifetime					

Outdoor Freestanding Digital Posters

49” | 55”

Direct Sunlight Readable

Designed for the challenge of direct sunlight, these displays use commercial grade ultra high brightness panels (2,500 cd/m²); up to 10 times brighter than a domestic television.

2,500cd/m²

Weatherproof

Designed with a robust, corrosion protected, outer casing to give protection from the elements. The outer casing has an IP65 rating which means it keeps out airborne swarf, dust and other particles as well as being protected from any wet weather conditions.

Protection from the weather!

Vandalproof

The enclosure is made from mild steel as well as having a thermally toughened glass front. Controls and inputs are also hidden and not accessible to passers-by to avoid tampering.

5mm Tough Glass

Advanced Temperature Control System

The internal airflow system keeps your screen running at the optimal temperature regardless of the external conditions to maximise the life of your product. Built in air-conditioning can be tailored to allow the display to work in any climate.

50°

-20°

Operating Temperature

Key Features

2,500 CD/M² SUNLIGHT READABLE

WEATHER PROOF

AMBIENT LIGHT SENSOR

ANTI-REFLECTIVE GLASS

VANDAL PROOF

DUST TIGHT

PLUG AND PLAY

MODIFICATIONS

DIRECT SUNLIGHT READABLE

IP65

IP65 RATED ENCLOSURE

TEMPERATURE CONTROL

REMOVABLE BASE

Other Features

IP65 Rated Sturdy Enclosure

An IP65 rating means that display is able to withstand all wet weather conditions and also keeps out airborne dust.

Easy Maintenance

The screen is designed to allow for easy front access using hydraulic cylinders when maintenance is required.

Anti Reflective Glass

The front glass face is specially treated which helps to diffuse direct sunlight making the display easily readable in bright weather conditions.

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

Ambient Light Sensor

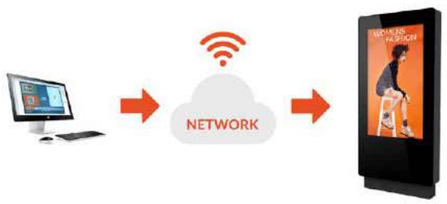
The display has a light sensor that changes the screen's brightness depending on the ambient light ensuring the most suitable brightness at any time of the day.

Internal Locker

Should you need connect the screen to an external source, like a PC or media player, you can use the HDMI input or the VGA and 3.5mm audio jack inputs and hide the player inside the internal locker.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.



Hardware Modifications

These displays can be adapted in a variety of ways including a touch screen upgrade and the integration of a 4G module or camera.

		49 Inch	55 Inch
Panel	Resolution	1920x1080	
	Pixel Pitch	0.5592 x 0.5592	0.21x0.63
	Display Area (mm)	610x1079.8	680.2x1209.4
	Aspect Ratio	16:9	
	Brightness (cd/m²)	2,500	
	Colour	1.06 B	1.073 G
	Viewing Angle	178°	
	Contrast Ratio	8000:1	
AV Inputs	Video	HDMI, VGA	
Power	Power Consumption (W)	300	430
	Input Voltage	AC110~240V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	870x1950x197	960x2032.5x203
	Package Size (WxHxD mm)	2030x993x368	2100x1040x370
	Footprint (WxHxD mm)	890x500	990x500
	Net Weight (kg)	120	150
	Gross Weight (kg)	147	186
	IK Rating	IK08	
Environmental	Operating Temperature:	-20 °C to 50 °C	
	Operating Humidity:	10% - 80%	
	Storage Temperature:	-30°C - 60°C	
	Storage Humidity:	5% - 90%	
	Enclosure Protection	IP65	
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)	
	Media Resolution	1920x1080/1080x1920	
	Internal Memory	6GB	
	CPU	Quad-Core Cortex-A17@1.61GHz	
	GPU	Mali-T760 MP4 @600MHz	
	RAM	2GB DDR3	
	ROM	8GB NAND	
	USB	USB2.0 HOST (x2)	
	LAN	10/100M Ethernet (Network Version Only)	
	Wi-Fi	802.11b/g/n/ac (Network Version Only)	
	OS	Android 5.1.1	
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1	
Accessories	Included	AC Power Cable, Remote Control	
	Optional	Touch Screen Upgrade, Network Upgrade, Camera	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

Outdoor Digital Android Battery A-Boards

43”

Digital A-Board

Stand out from the crowd with this innovative portable digital signage solution. A mains plug is no longer needed for you to deliver your digital messaging, opening up a whole world of new possibilities.

Battery Powered Display

The integrated lithium-polymer battery revolutionises the way you can use digital signage. This commercial grade slimline battery solution gives you over 12 hours running time.

12 Hours

IP65 Rated Weatherproof Enclosure

The outer casing has an IP65 rating which means it keeps out all airborne swarf, dust and other particles as well as being protected from any wet weather conditions; broadening the range of possible environments.

Protection from the weather!

700cd/m² IPS Panel

The high brightness LCD panel used in this display is up to three times brighter than a domestic TV making it ideal for outdoor spaces.

Key Features

700CD/M² IPS PANEL

TEMPERED GLASS FRONT

INTEGRATED ANDROID MEDIA PLAYER

OPTIONAL NETWORK UPGRADE

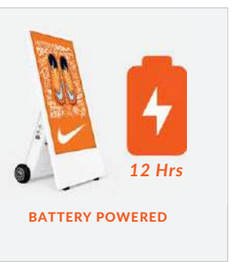
ROBUST ENCLOSURE

AMBIENT LIGHT SENSOR

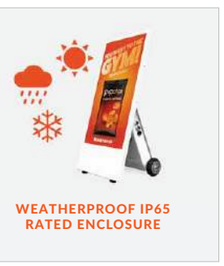
PLUG AND PLAY

LOCKABLE RUGGED CASTORS

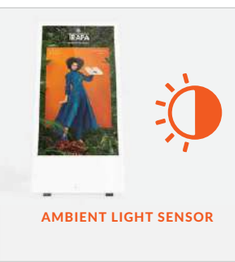
HIGH BRIGHTNESS



BATTERY POWERED



WEATHERPROOF IP65 RATED ENCLOSURE



AMBIENT LIGHT SENSOR

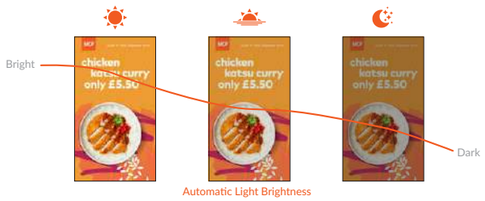
Other Features

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos on a USB stick, insert in the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

Ambient Light Sensor

The display has a light sensor that changes the screen's brightness depending on the ambient light ensuring the most suitable brightness depending on the environment.



Stylish Robust Enclosure

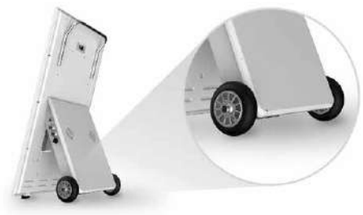
These displays feature a tempered glass front for panel protection and a moulded polymer rear for improved portability. The display, support and castors are fixed unlike more traditional A-Boards for supreme durability.

Charge Level Indicator

This handy indication meter tells you exactly how much charge you have left in your battery for ultimate convenience.

Lockable Rugged Castors

These freestanding displays are a fully portable solution and can be easily moved by one person as they feature fixed castors. These wheels can be locked in place using a pad lock to prevent the screen from moving once in place.



Free Scheduling Software

These displays come with free optional scheduling software for displaying different content at different times of the day. You can also display a "ticker tape" style scrolling text message along the bottom of the screen.

Black Version Available

As well as the modern and stylish white model you can also order a classic piano black version if required.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.

		43 Inch
Panel	Resolution	1920x1080
	Display Area (mm)	531.4x943.2
	Aspect Ratio	16:9
	Brightness (cd/m²)	700
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	5000:1
Audio	Speaker Type	5W, 8Ω (x2)
Battery	Battery Technology	Integrated lithium polymer
	Charging Time	7 hours
	Battery Life	12 hours
	Battery Capacity	44000mAh
	Power Supply	29.4V - 21V
	Power Consumption	126W
	Energy	1108.8 Watt-hours
Mechanical	Unit Size (WxHxD mm)	1232x604.7x478
	Package Size (WxHxD mm)	1310x745x645
	Footprint (WxH mm)	604.7x478
	Net Weight (kg)	37.5
	Gross Weight (kg)	43
Environmental	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x1080/1080x1920
	Internal Memory	6GB
	CPU	Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz
	RAM	2GB DDR3
	ROM	8GB NAND
	USB	USB2.0 HOST (x2)
	LAN	10/100M Ethernet (Network Version Only)
	Wi-Fi	802.11b/g/n/ac (Network Version Only)
	OS	Android 5.1.1
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Accessories	Included	Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable
	Optional	Network Upgrade, Security Chain
Warranty	Warranty Period	3 Year Warranty
	Warranty Period (Battery)	3 Year Warranty*
	Technical Support	Lifetime

*Excludes degradation and user damaged caused by sulphation, deep cycling and overcharging.

Indoor Digital Android Battery A-Boards

49”

Digital A-Board

Stand out from the crowd with this innovative portable digital signage solution. A mains plug is no longer needed for you to deliver your digital messaging, opening up a whole world of new possibilities.

Battery Powered Display

The integrated lithium-polymer battery revolutionises the way you can use digital signage. This commercial grade slimline battery solution gives you over 12 hours running time.

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

700cd/m² IPS Panel

The high brightness LCD panel used in this display is up to three times brighter than a domestic TV making it ideal for brightly lit public spaces.

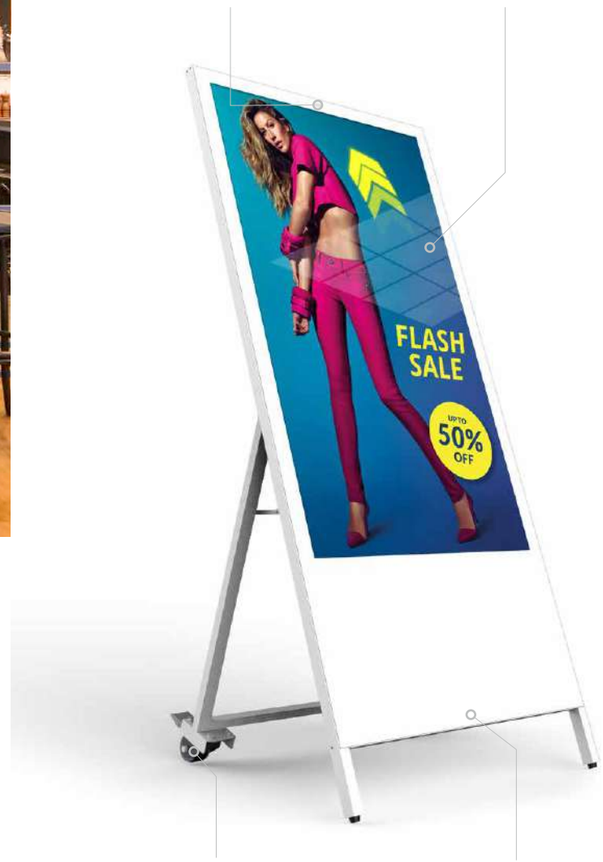
Key Features

AMBIENT LIGHT SENSOR

TEMPERED GLASS FRONT

700CD/M² IPS PANEL

OPTIONAL NETWORK UPGRADE



FIXED LOCKABLE CASTORS

PLUG AND PLAY

INTEGRATED ANDROID MEDIA PLAYER

STYLISH WHITE ENCLOSURE

Other Features

Ambient Light Sensor

The display has a light sensor that changes the screen's brightness depending on the ambient light ensuring the most suitable brightness depending on the environment.

Charge Level Indicator

This handy indication meter tells you exactly how much charge you have left in your battery for ultimate convenience.

Power Via Mains Plug

The Digital Android Battery A-Board can be powered via mains electricity supply by connecting the charging cable to a wall socket.

Integrated Castors

These freestanding displays are a fully portable solution and can be easily moved by one person as they feature fixed castors. These wheels can be locked to prevent the screen from moving once in place.

Free Scheduling Software

These displays come with free optional scheduling software for displaying different content at different times of the day. You can also display a "ticker tape" style scrolling text message along the bottom of the screen.

Safety Hinges

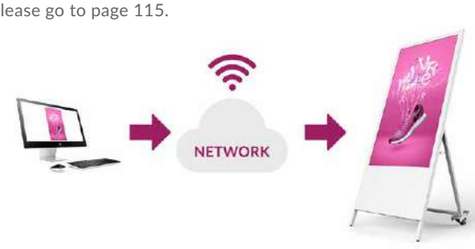
The Digital Android Battery A-Board hinges guarantee the safety of the operator as they let the operator dictate the speed of the movement when closing or opening up the legs of the A-Board.

Wide Viewing Angle

Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in portrait orientation.

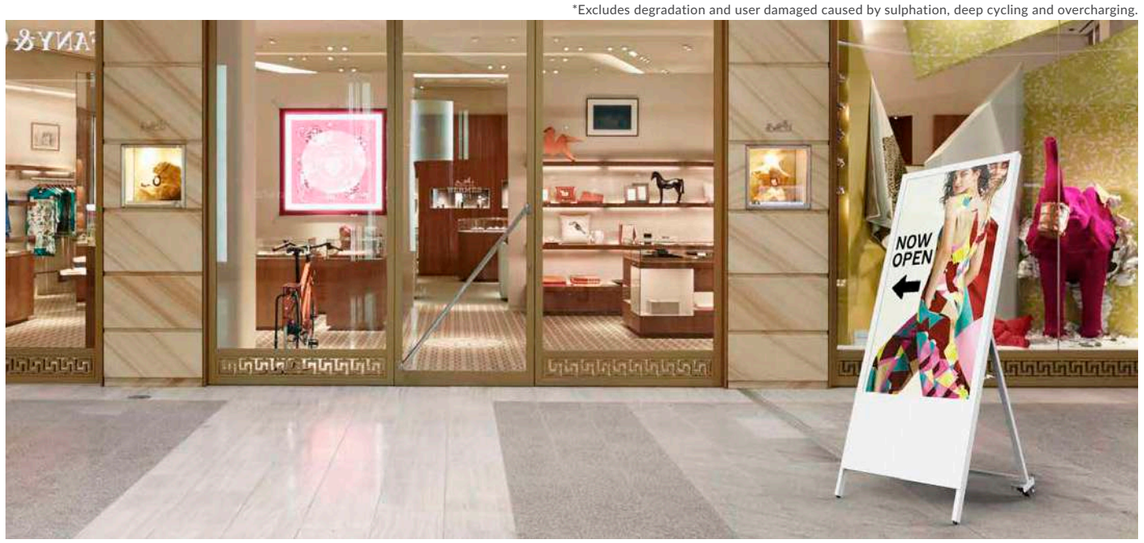
Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.



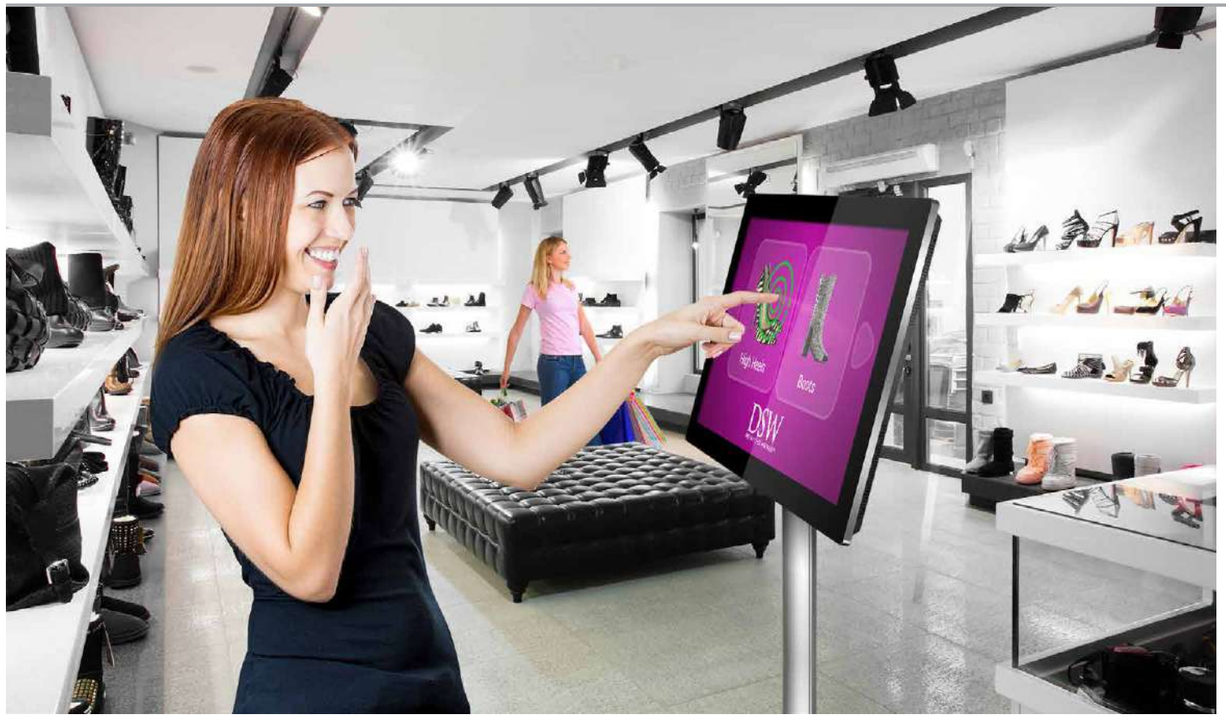
		49 Inch
Panel	Resolution	1920x1080
	Display Area (mm)	606x1076
	Aspect Ratio	16:9
	Brightness (cd/m²)	700
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	5000:1
Audio	Speaker Type	5W, 8Ω (x2)
Battery	Battery Technology	Integrated lithium polymer
	Charging Time	7 hours
	Battery Life	12 hours
	Battery Capacity	44000mAh
	Power Supply	29.4V - 21V
	Power Consumption	126W
	Energy	1108.8 Watt-hours
Mechanical	Unit Size (WxHxD mm)	682.4x1597.3x76.5
	Package Size (WxHxD mm)	815x1780x375
	Footprint (WxH mm)	682.4x718.6
	Net Weight (kg)	47.2
	Gross Weight (kg)	58.2
Environmental	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x1080/1080x1920
	Internal Memory	6GB
	CPU	Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz
	RAM	2GB DDR3
	ROM	8GB NAND
	USB	USB2.0 HOST (x2)
	LAN	10/100M Ethernet (Network Version Only)
	Wi-Fi	802.11b/g/n/ac (Network Version Only)
	OS	Android 5.1.1
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Accessories	Included	Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable
	Optional	Network Upgrade, Security Chain
Warranty	Warranty Period	3 Year Warranty
	Warranty Period (Battery)	3 Year Warranty*
	Technical Support	Lifetime

*Excludes degradation and user damaged caused by sulphation, deep cycling and overcharging.



PCAP Touch Screens with Dual OS

22” | 32” | 43” | 50” | 55”



Dual OS - Windows & Android

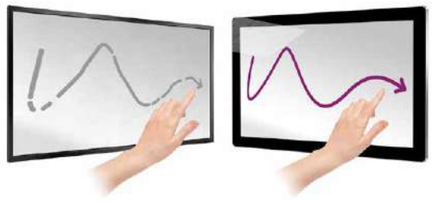
Both Android and Windows operating systems are installed on the integrated PC for ultimate flexibility. These displays provide a fully integrated solution - whether your application calls for Android or Windows.

10 Point PCAP Touch

Having up to 10 touch points allows you to manipulate images, zoom in an out as well as perform many other touch gestures; much like you would with a domestic tablet. It also allows for multiple users interacting with the screen at one time.

Surface Plasma Treatment

The oleophobic coating makes the glass front more resistance to oil and water residue left by fingerprint marks and makes touch gestures smoother. Unlike other touch screens the glass is not etched, vastly improving the optical clarity.



None Treated Touch Screen

PCAP Surface Plasma Treated Touch Screen

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.

Key Features

DUAL OS

10 TOUCH POINTS

IPS PANEL

24/7 COMMERCIAL USE

LANDSCAPE OR PORTRAIT ORIENTATION

WIFI AND LAN

LED BACKLIGHT

INTEGRATED SPEAKERS

10 TOUCH POINTS

SURFACE PLASMA TREATMENT

ATTACH DEVICES

GIANT TABLET STYLING

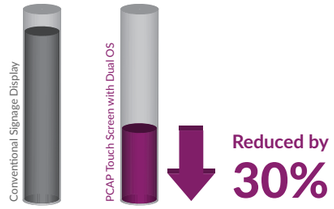
Other Features

24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

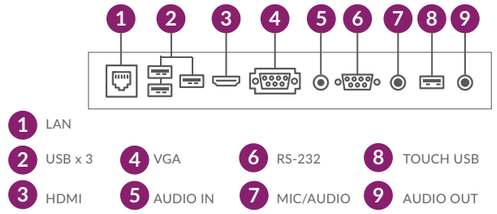
Low Power Consumption

The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



Attach External Devices

If the internal PC is not powerful enough for your application you can connect it to an external source, like a more powerful PC or media player, using HDMI or VGA/3.5mm audio and USB to use the display as a touch screen monitor.



Giant Tablet Styling

Their tempered edge-to-edge glass face, rounded corners, super slim profile and aluminium surround all add to the captivating tablet-like aesthetics as well as protecting the internal components from potential damage.

Built In Wi-Fi

As well as having an Ethernet port you can wirelessly connect to the internet thanks to the built in Wi-Fi.

Integrated Speakers

The displays feature two integrated slimline speakers for applications that require an audio element.

2W, 5Ω x 2
Integrated Speakers

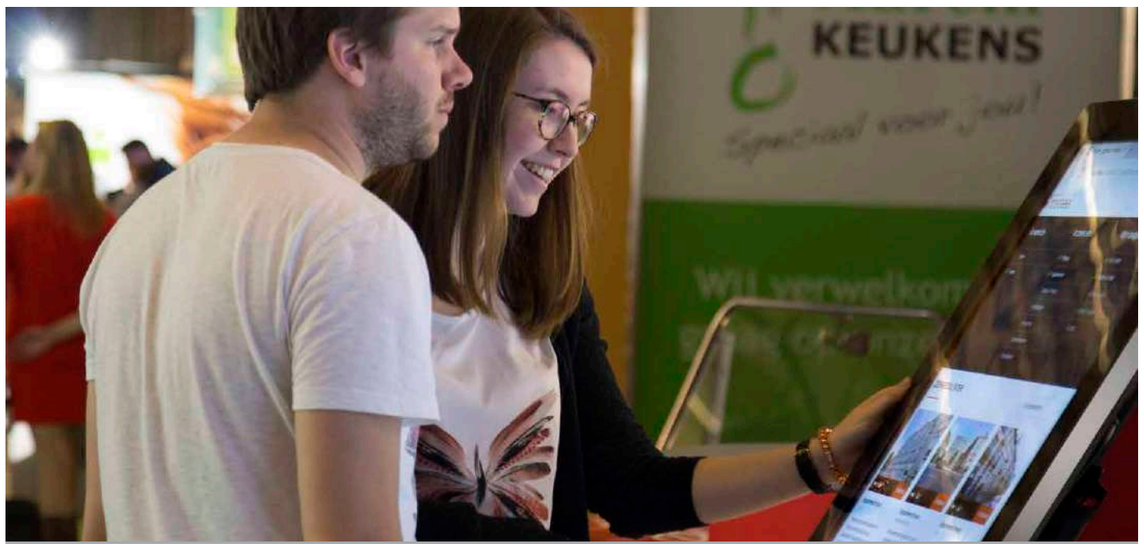
Mirror Version

A special version of the PCAP Touch Screen with a mirror finish is available in a 50” model.

Touch CMS

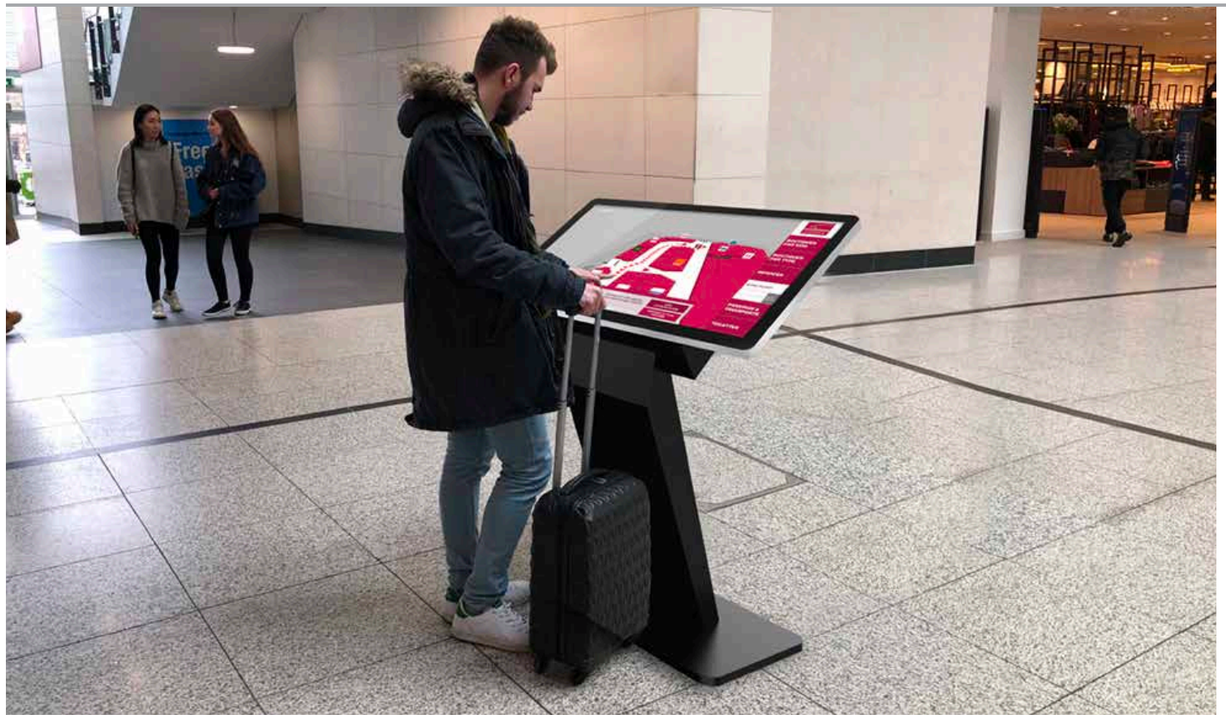
For a small charge you can take advantage of our user-friendly CMS, allowing you to conveniently create your own interactive content. For more information please go to page 119.

		22 Inch	32 Inch	43 Inch	50 Inch	55 Inch
Panel	Resolution	1920x1080				
	Display Area (mm)	478x269	701.4x395.8	942.5x530.5	1076x606	1211x682
	Aspect Ratio	16:9				
	Brightness (cd/m²)	450				
	Colour	16.7M				
	Viewing Angle	178°				
	Contrast Ratio	5000:1				
Touch	Touch Technology	Projected Capacitive				
	Touch Points	10				
	Glass Hardness	7H minimum				
Audio	Speaker Type	2W, 5Ω (x2)				
AV Inputs/Outputs	Inputs (when used as monitor)	HDMI, VGA, RS-232				
	Audio Input (when used as monitor)	Audio Socket (3.5mm)				
	Audio Output (Internal PC)	Audio Socket (3.5mm)				
Power	Power Consumption (W)	22	52	65	75	85
	Input Voltage	AC110~240V (50Hz~60Hz)				
Mechanical	Unit Size (WxHxD mm)	590x383x50	814x504x69	1048.9x636.9x64.7	1186.6x716.6x65	1319.6x790.6x65
	Package Size (WxHxD mm)	725x525x210	955x630x230	1180x772x230	1350x865x260	1480x950x250
	VESA Holes (mm)	100x100	400x200			
	Net Weight (kg)	9.2	15.25	24.6	32.45	39.15
	Gross Weight (kg)	11.45	17.7	29.4	38.95	46.75
Environmental	Operating Temperature	0 °C to 50 °C				
	Storage Temperature	-30°C to 60°C				
	Operating Humidity	10% to 80%				
	Storage Humidity	5% to 95%				
Computer	CPU	Intel® Atom™ (Quad-core) x5-Z8350 Processor (2M Cache, up to 1.92 GHz)				
	RAM	4GB (DDR3L-RS 1600MHz)				
	Instruction Set	64-bit				
	Graphic Engine	Intel® HD Graphics 400 (8th Gen, Supports DirectX11.2, OpenGL4.4 and OpenCL 2.0)				
	Hard Drive/Internal Memory (eMMC)	64GB				
	USB	2 x USB 2.0				
	LAN	10/100/1000 Ethernet				
	Wi-Fi	802.11b/g/n				
	OS	Android 5.1.1 Windows® 8 /8.1 64-bit, Windows® 10 Pro 64-bit (licence purchased separately)				
	Other	No accessible buttons or controls				
Accessories	Included	Remote Control, User Manual, Power Cable, USB to USB Cable, Wi-Fi Aerial				
	Optional	Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand				
Warranty	Warranty Period	3 Year Warranty				
	Technical Support	Lifetime				



PCAP Touch Screen Kiosks with Dual OS

43” | 50” | 55”



All in One Touch Kiosk

Combining edge-to-edge glass PCAP technology with a stylish and secure kiosk. The ergonomic design, along with the built in dual OS PC and facility to seamlessly use a third party PC, sets this solution apart from other touch screen kiosks.

Dual OS - Windows & Android

Both Android and Windows operating systems are installed on the integrated PC for ultimate flexibility. These displays provide a fully integrated solution - whether your application calls for Android or Windows.

10 Point PCAP Touch

Having up to 10 touch points allows you to manipulate images, zoom in an out as well as perform many other touch gestures; much like you would with a domestic tablet. It also allows for multiple users interacting with the screen at one time.

10 Touch Points

Surface Plasma Treatment

The oleophobic coating makes the glass front more resistance to oil and water residue left by fingerprint marks and makes touch gestures smoother. Unlike other touch screens the glass is not etched, vastly improving the optical clarity.

None Treated Touch Screen

PCAP Surface Plasma Treated Touch Screen

Key Features

DUAL OS

10 TOUCH POINTS

IPS PANEL

24/7 COMMERCIAL USE

LANDSCAPE OR PORTRAIT ORIENTATION

55” is Landscape Only

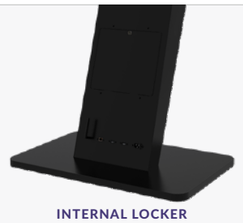
WI-FI AND LAN

ATTACH DEVICES

INTEGRATED SPEAKERS

10 TOUCH POINTS

SURFACE PLASMA TREATMENT

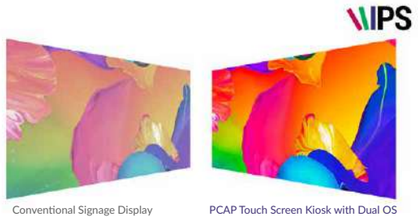


INTERNAL LOCKER

GIANT TABLET STYLING

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.



Conventional Signage Display

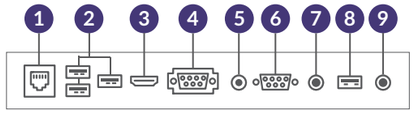
PCAP Touch Screen Kiosk with Dual OS

24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Internal Locker

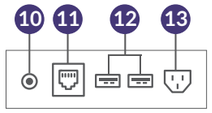
Should you need to connect the screen to an external source, like a PC or media player, you can use the USB and HDMI or VGA inputs and hide the player inside the internal locker.

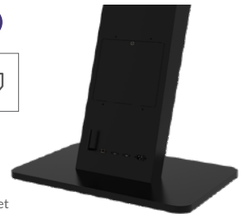


1 LAN
2 USB x 3
3 HDMI
4 VGA
5 AUDIO IN
6 RS-232
7 MIC/AUDIO
8 TOUCH USB
9 AUDIO OUT

Rear Connections

Whether you are using the integrated PC or a third party device inside the internal locker you can use the connections on the rear to conveniently connect your USB, Ethernet cable, power cable and Wi-Fi aerial directly to the touch screen.





10 Wi-Fi
11 LAN
12 USB x 2
13 Power Socket

Giant Tablet Styling

Their tempered edge-to-edge glass face, rounded corners, super slim profile and aluminium surround all add to the captivating tablet-like aesthetics as well as protecting the internal components from potential damage.

Landscape or Portrait Orientation

The 43” and 50” models can be installed in portrait orientation as well as landscape; transforming the kiosk into an even more eye-catching display.

Integrated Speakers

The displays feature two integrated slimline speakers for applications that require an audio element.

2W, 5Ω x 2
Integrated Speakers

Touch CMS

For a small charge you can take advantage of our user-friendly CMS, allowing you to conveniently create your own interactive content. For more information please go to page 119.

		43 Inch	50 Inch	55 Inch
Panel	Resolution	1920x1080		
	Display Area (mm)	942.5x530.5	1076x606	1211x682
	Aspect Ratio	16:9		
	Brightness (cd/m²)	450		
	Colour	16.7M		
	Viewing Angle	178°		
	Contrast Ratio	5000:1		
Touch	Touch Technology	Projected Capacitive		
	Touch Points	10		
	Glass Hardness	7H minimum		
Audio	Speaker Type	2W, 5Ω (x2)		
AV Inputs/Outputs	Inputs (when used as monitor)	HDMI, VGA, RS-232		
	Audio Input (when used as monitor)	Audio Socket (3.5mm)		
	Audio Output (Internal PC)	Audio Socket (3.5mm)		
Power	Power Consumption (W)	65	75	85
	Input Voltage	AC110~240V (50Hz~60Hz)		
Mechanical	Unit Size (WxHxD mm) (Landscape)	1048.9x636.9x64.7	1186.6x716.6x65	1319.6x790.6x65
	Package Size (WxHxD mm)	Box 1:1003x678x435 Box 2: 1180x772x230	Box 1:1003x678x435 Box 2: 1350x865x260	Box 1:1003x678x435 Box 2: 1480x950x250
	Footprint (WxD)	800x500		
	Net Weight (kg)	74	81.5	88.15
	Gross Weight (kg)	81.6	91.1	99
Environmental	Operating Temperature	0 °C to 50 °C		
	Storage Temperature	-30°C to 60°C		
	Operating Humidity	10% to 80%		
	Storage Humidity	5% to 95%		
Computer	CPU	Intel® Atom™ (Quad-core) x5-Z8350 Processor (2M Cache, up to 1.92 GHz)		
	RAM	4GB (DDR3L-RS 1600MHz)		
	Instruction Set	64-bit		
	Graphic Engine	Intel® HD Graphics 400 (8th Gen, Supports DirectX11.2, OpenGL4.4 and OpenCL 2.0)		
	Hard Drive/Internal Memory (eMMC)	64GB		
	USB	2 x USB 2.0		
	LAN	10/100/1000 Ethernet		
	Wi-Fi	802.11b/g/n		
	OS	Android 5.1.1, Windows® 8 /8.1 64-bit, Windows® 10 Pro 64-bit (licence purchased separately)		
	Other	No accessible buttons or controls		
Accessories	Included	Remote Control, User Manual, Power Cable, USB to USB Cable, Wi-Fi Aerial		
Warranty	Warranty Period	3 Year Warranty		
	Technical Support	Lifetime		

Infrared Freestanding Multi Touch Screen Posters with Dual OS

50” | 55”

Dual OS - Windows & Android

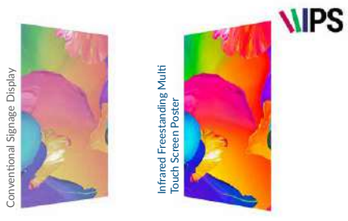
Both Android and Windows operating systems are installed on the integrated PC for ultimate flexibility. These displays provide a fully integrated solution - whether your application calls for Android or Windows.

10 Point Infrared Touch

Having up to 10 touch points allows you to manipulate images, zoom in an out as well as perform many other touch gestures; much like you would with a domestic tablet. It also allows for multiple users interacting with the screen at one time.

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature in portrait orientation.



Internal Locker

Should you need to connect the screen to an external source, like a PC or media player, you can use the USB and HDMI or VGA inputs and hide the player inside the internal locker.

Key Features

DUAL OS

10 TOUCH POINTS

IPS PANEL

24/7 COMMERCIAL GRADE

NO EXTERNAL PC REQUIRED

WI-FI AND LAN

ATTACH DEVICES

INTEGRATED SPEAKERS

10 TOUCH POINTS

INTEGRATED CASTORS

INTERNAL LOCKER

GIANT TABLET STYLING

Wide Viewing Angle

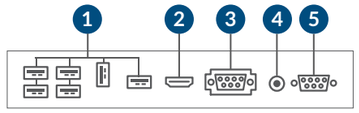
Thanks to the IPS technology these displays provide fantastic image quality with a remarkable viewing angle of 178° in portrait orientation.

24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Multiple Inputs

If the integrated PC is not powerful enough for your application you can connect an external PC or media player, via HDMI or VGA for the AV signal and USB for the interactivity.



1 USB x 6
2 HDMI
3 VGA
4 AUDIO IN
5 RS-232

Integrated Castors

These freestanding displays are a fully potable solution as they feature integrated castors as well as retractable feet for more permanent installations.

Giant Tablet Styling

The steel enclosure has a super slim profile and rounded corners to add to the captivating tablet-like aesthetics as well as protecting the internal components from potential damage.

Integrated Speakers

The displays feature two integrated slimline speakers for applications that require an audio element.

2W, 5Ω x 2
Integrated Speakers

White Version Available

A stylish white version of the Infrared Freestanding Multi Touch Screen Poster is available in both 50” and 55.

Touch CMS

For a small charge you can take advantage of our user-friendly CMS, allowing you to conveniently create your own interactive content. For more information please go to page 119.

		50 inch	55 inch
Panel	Resolution	1080x1920	
	Display Area (mm)	625.4x1106.4	686.4x1215.8
	Aspect Ratio	16:9	
	Brightness (cd/m²)	450	
	Colour	16.7M	
	Viewing Angle	178°	
	Contrast Ratio	5000:1	
Touch	Touch Technology	Infrared	
	Touch Points	10	
	Glass Hardness	7H minimum	
Audio	Speaker Type	2W, 5Ω (x2)	
AV Inputs	Video	HDMI, VGA	
	Audio	Audio Socket (3.5mm)	
Power	Power Consumption (W)	105	125
	Input Voltage	AC110~240V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	1850x766x79.5	1947x827x79.5
	Package Size (WxHxD mm)	2000x920x565	2100x900x535
	Footprint (WxD)	779x400	840x400
	Net Weight (kg)	72	93
	Gross Weight (kg)	82	103
Environmental	Operating Temperature	0 °C to 50 °C	
	Storage Temperature	-30°C to 60°C	
	Operating Humidity	10% to 80%	
	Storage Humidity	5% to 95%	
Computer	CPU	Intel® Atom™ (Quad-core) x5-Z8350 Processor (2M Cache, up to 1.92 GHz)	
	RAM	4GB (DDR3L-RS 1600MHz)	
	Instruction Set	64-bit	
	Graphic Engine	Intel® HD Graphics 400 (8th Gen, Supports DirectX11.2, OpenGL4.4 and OpenCL 2.0)	
	Hard Drive/Internal Memory (eMMC)	64GB	
	USB	2 x USB 2.0	
	LAN	10/100/1000 Ethernet	
	Wi-Fi	802.11b/g/n	
	OS	Android 5.1.1, Windows® 8 /8.1 64-bit, Windows® 10 Pro 64-bit (licence purchased separately)	
	Other	No accessible buttons or controls	
Accessories	Included	Remote Control, User Manual, Power Cable, USB to USB Cable, Wi-Fi Aerial	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

4K Slim Bezel Interactive Touch Displays

55” | 65” | 75” | 86”

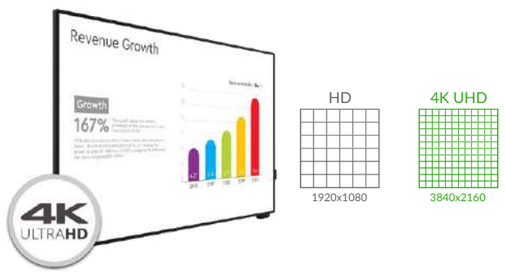
Modern Interactive Whiteboard

The stylish enclosure design really makes this touch screen stand out from the crowd. The bezels are so thin that the display area occupies more than 91% of the overall screen size. Designed with aluminium bezels and a moulded polymer rear, the screen is so lightweight it can even be mounted on a stud wall.

- Slim Bezel
- Lightweight
- Matte Finish

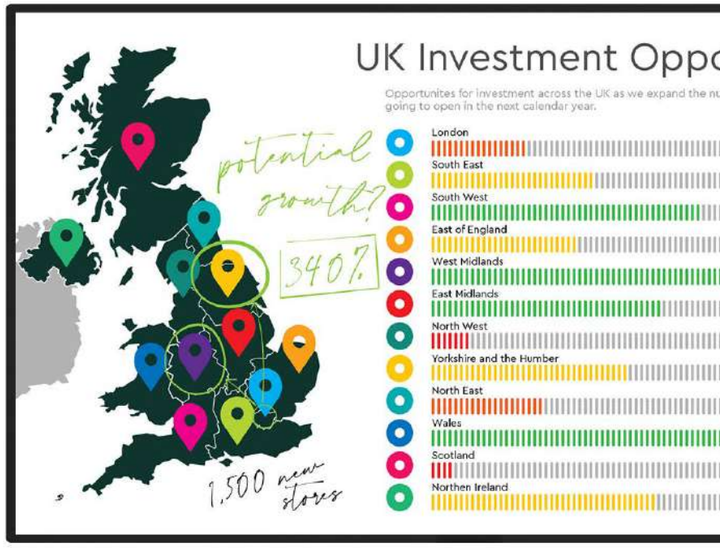
4K Display

The 4K Ultra HD display delivers incredible image quality with four times resolution higher than Full HD. Optimised for viewing distances both near and far the display allows your content to take center stage for all your visual communication.



- 4K Display
- Boardroom Collaboration Tool
- Wireless Mirroring
- 5 Year Warranty*
- Smart Pen
- Etched Anti Glare Glass
- 20 Touch Points
- Integrated Speakers
- Optional OPS PC
- Slim Bezel

Introducing MEETINGPAD: The Ultimate Collaboration Tool



Multi-Device Wireless Mirroring

Wirelessly project the displays of up to four smartphones, tablets, laptops, PCs or Macs. Using mobile devices you can mirror the display in both directions, and even take control of the touch screen. Mirroring via 5GHz allows for fast response, all without the need of external wires or transmitters.

Easy File Sharing

Once your device is connected you can quickly and easily share documents, videos, images and audio files stored on your smartphone, tablet, laptop or PC directly to the touch screen. You can also share files from the touch screen to your device via email or by scanning a QR code with your mobile or tablet.

Flexible Working Tools

Personalise your experience by changing the background colour of the display, as well as the colour and thickness of your drawing tools.

Smooth Annotations

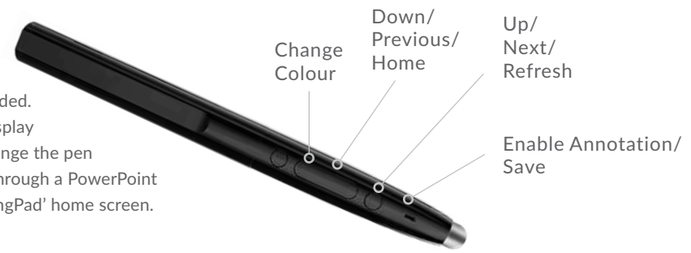
The line thickness of your annotations varies depending on pressure and speed, allowing you to achieve a realistic and natural handwriting experience.

ConnectShare Dongle

Quickly and conveniently mirror from your PC, laptop or Mac using the ConnectShare Dongle. Just insert it and launch the built in software, without the need to install any applications.

Smart Pen Stylus

There are two stylish interactive ‘Smart Pens’ included. These special styluses allows you to control the display wirelessly from anywhere in the room. You can change the pen tool colour, save annotated documents, navigate through a PowerPoint presentation or website and go back to the ‘MeetingPad’ home screen.



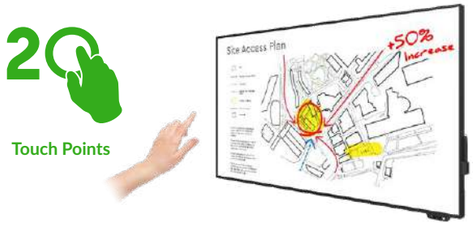
Other Features

Optional OPS Windows PC

For seamless integration onto existing networks an OPS PC can be installed into the rear of the display, allowing for ultimate flexibility to switch between Android and Windows effortlessly.

20 Touch Points

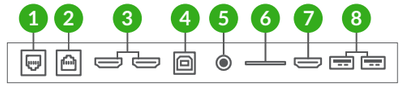
Ideal for large group collaboration, up to twenty users can interact with the screen simultaneously when working on group projects.



Touch Screen Monitor

As well as using the built in Android system these displays can also be used as a touch screen monitor by connecting a PC or laptop via HDMI and USB. There is also a HDMI out to duplicate the touch screen display to a second monitor.

1. LAN
2. RS-232
3. HDMI In x2
4. Touch USB
5. Audio Out
6. TF Card
7. HDMI Out
8. USB 2.0 x2



Slim Bezel

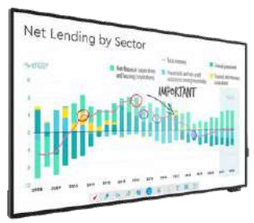
The screens feature an extremely sleek and narrow bezel meaning that the enclosure to display area ratio is very low. The front is crafted from segmented aluminium to achieve ultimate precession while the polymer rear keeps the display super slim and lightweight.

Easy Access Ports and Controls

As well as having a power and standby button there are also two front facing USB ports. These are ideal for quickly and conveniently connecting USB sticks containing files that you need to access from MeetingPad or the optional OPS PC.

Etched Glass

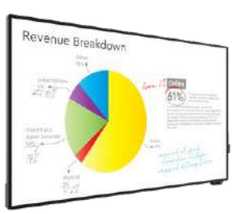
Improves tactility for smoother touch gestures, especially useful for multiple users. The anti-glare nano coating also diffuses external light improving optical clarity.



Etched Glass

Freeze Frame Function

While your laptop is connected you can freeze the image on screen so that you can continue to work independently on your laptop.



Integrated Speakers

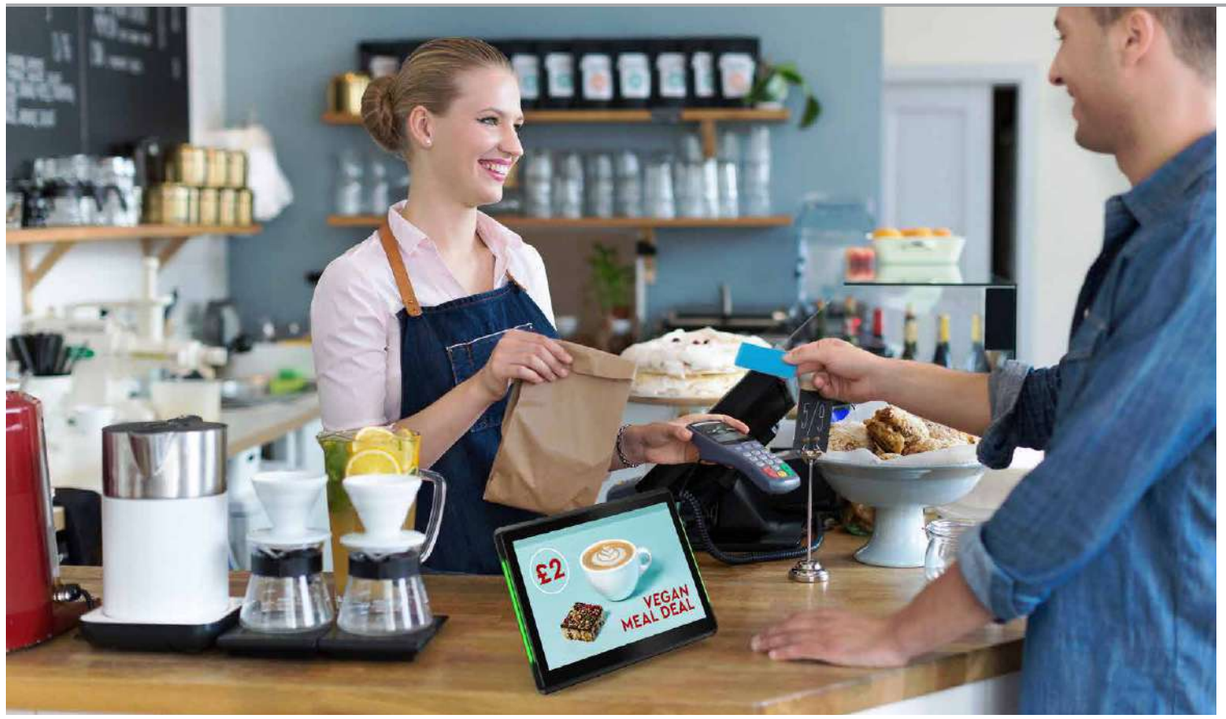
The screens have two integrated super slim 10W speakers for presentations that include an audio element.

10W, 8Ω x 2
Integrated Speakers

		55 Inch	65 Inch	75 inch	86 inch
Panel	Resolution	3840x2160			
	Display Area (mm)	1209.6x680.4	1428.48x803.52	1651.74x929.76	1896x1067
	Aspect Ratio	16:9			
	Brightness (cd/m²)	500			
	Colour	1.07G colors			
	Colour Depth	8 Bit			
	Viewing Angle	178°			
	Contrast Ratio	5000:1			
	Lifespan	80,000 Hours			
Touch	Touch Technology	Infrared			
	Touch Points	20 (10 Touch Points in MeetingPad Software)			
	Glass Hardness	7H minimum			
	Response Time	≤5ms			
	Touch Point Accuracy	±1.5mm			
	Touch Resolution	32768x32768			
Audio	Speaker Type	Stereo 2×10W 8Ω			
AV Inputs/Outputs	Front Inputs	USB x 2			
	Rear Inputs	HDMI-In x 2, Audio In, USB x 2, TF Card, RS232			
	Outputs	Touch USB (Type B), Audio Out, HDMI-Out			
Power	Power Supply	AC110~240V (50Hz~60Hz)			
	Power Consumption	85W	140W	205W	380W
Mechanical	Unit Size (WxHxD mm)	1259x729.6x94.6	1485x862x75	1737x1011x78.1	1957.8x1131.7x99.62
	Package Size (WxHxD mm)	1437x845.6x186.6	1656x1020x230	1888x1155x223	2213.8x1353.8x353.6
	VESA Holes (mm)	400x400	400x400/400x600	600x560/600x760	800x600
	Net Weight (kg)	27.6	40	57.35	60
	Gross Weight (kg)	32.85	48	66.55	95.15
Environmental	Operating Temperature	0 °C to 40 °C			
	Storage Temperature	-10°C to 60°C			
	Operating Humidity	10% to 85%			
	Storage Humidity	10% to 90%			
Computer	CPU	ARM Quad-core Cortex-A53 1.4GHz			
	RAM	2GB DDR3			
	Architecture	64-bit			
	Graphic Engine	ARM Mali T720mp2			
	Hard Drive/Internal Memory (eMMC)	16GB			
	USB	USB 3.0 x 2, USB 2.0 x3			
	LAN	10/100 Ethernet			
	Wi-Fi	802.11b/g/n/ac			
	OS	Android 6.0			
Accessories	Included	User Manual (CD), Remote Control, Power Cable, LAN Cable, USB A Male to USB A Male Cable(x1), USB A Male to USB B Male Cable (x1), Wi-Fi Aerial (x2), HDMI Cable, Magnetic Whiteboard Pen (x 2, Smart Pen (x1), USB Screen Projection Dongle (x2)			
	Optional	Wall Mount, Floor Stand/Trolley, Ceiling Mount			
Warranty	Warranty Period	5 Year Onsite Warranty (UK Mainland Only)			
	Technical Support	Lifetime			

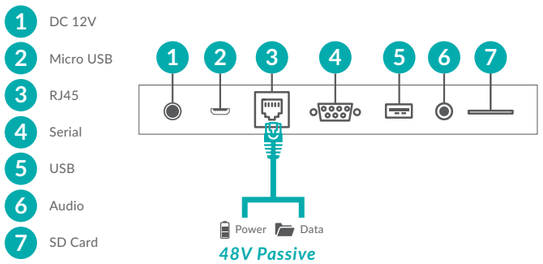
POS Android Advertising Displays

10”



Power Over Ethernet (PoE)

Power your screen by using the power cable provided or supply the power over an Ethernet cable. This minimises the number of cables needed for installation as you can supply power and internet connectivity to the screen simultaneously.



24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

Free Scheduling Software

These displays come with free scheduling software for displaying different content at different times of the day. If you prefer to keep it simple you can update the screen directly without using the software.

Key Features

PLUG AND PLAY

INTEGRATED CAMERA

LANDSCAPE OR PORTRAIT ORIENTATION

24/7 COMMERCIAL GRADE

INTEGRATED SPEAKERS

ANDROID MEDIA PLAYER

RS-232 CONTROL

MULTI-COLOUR LED FRAME

POWER OVER ETHERNET

VESA MOUNTING HOLES

NO INTEGRATED BATTERY

TOUCH SCREEN UPGRADE

Other Features

No Integrated Battery

Unlike domestic tablets these displays do not have built-in batteries and therefore last considerably longer. They are designed to be used constantly 24/7 in public spaces and can be powered directly from the mains or over PoE.

Multi Coloured LED Frame

The LED edges either side of the display can be red, green or blue. They can also be disabled completely if preferred.

Available in 3 Colours

VESA Mounting Holes

Unlike domestic tablets these displays have an integrated and secure screw based mounting solution on the rear for easy wall or stand installation.

75 x 75 *VESA*

Meeting Room Solution

This display is ideal to be used in conjunction with meeting room booking software. The LED frame can act as a room availability indicator.

Integrated Camera

If the software you are using requires a camera you can use the screen's integrated front facing 2 megapixel camera.

2 Megapixel Camera

15" Model Available

A larger 15" Model of the POS Display is also available.

Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet.

Touch Screen Upgrade

You can upgrade your display to be a PCAP touch screen to add the element of interactivity; increasing audience engagement.

		10 Inch
Panel	Resolution	1280x800
	Display Area (mm)	216.96x135.6
	Aspect Ratio	16:10
	Brightness (cd/m²)	450
	Colour	16.7M
	Colour Depth	10 Bit
	Viewing Angle	178°
	Contrast Ratio	800:1
Audio	Speaker Type	2x2W
AV Inputs	Video	Micro USB, 1x USB 3.0, 1x USB 2.0
	Audio	Audio Socket (3.5mm)
Power	Power Consumption (W)	TBC
	Input Voltage	12V/2A
	PoE Mode	48V Passive
Mechanical	Unit Size (WxHxD mm)	273.7x189.7x30.2
	Package Size (WxHxD mm)	368x234x75
	VESA Holes (mm)	75x75
	Net Weight (kg)	0.75
	Gross Weight (kg)	1.15
Environmental	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x1080/1080x1920
	CPU	Quad-core Cortex-A17 1.8GHz,RockChip RK3288
	GPU	Mali-T764
	RAM	2GB
	ROM	16GB
	Storage Extension	SD Card
	USB	USB3.0 HOST x1
	Wi-Fi	802.11b/g/n
	OS	Android 8.1
	Graphic Engine	OpenGL ES 1.1/2.0
Accessories	Included	Wall Mount
	Optional	Network Upgrade, PCAP Touch Screen Upgrade, Table Stand, Near Field Communication
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

Errors and omissions excepted

Ultra Wide Stretched Displays

28” | 37”

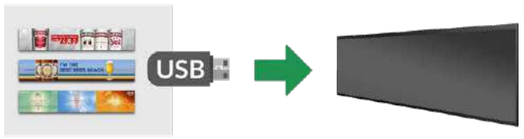
Ultra Wide Aspect Ratio

Display content in a unique stretched format with this versatile display. Ideal for a range of tall and narrow locations in applications like wayfinding and retail.

Ultra Wide Aspect Ratio

Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.



24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Free Scheduling Software

These displays come with free scheduling software for displaying different content at different times of the day. If you prefer to keep it simple you can update the screen directly without using the software.

Key Features

ULTRA WIDE DISPLAY

INTEGRATED ANDROID MEDIA PLAYER

PLUG AND PLAY

24/7 COMMERCIAL GRADE

LANDSCAPE OR PORTRAIT ORIENTATION

CONNECT DEVICES

LED BACKLIGHT

OPTIONAL NETWORK UPGRADE

ULTRA WIDE ASPECT RATIO

PLUG AND PLAY

ATTACH DEVICES

NARROW BEZEL

Other Features

Power Timer

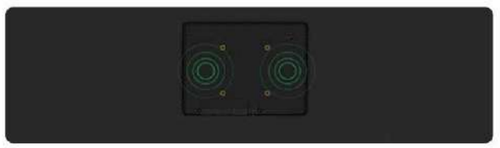
The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.

Scrolling Text

You can display a “ticker tape” style scrolling text message along the bottom of the screen, to help you get your message across or help highlight any specific promotions or offers.

Integrated Speakers

The displays feature two integrated slimline speakers for applications that require an audio element.



Landscape or Portrait Orientation

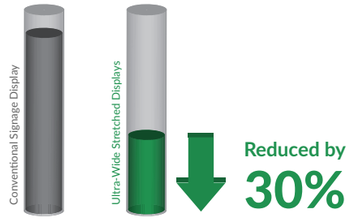
Thanks to their commercial grade panel these displays can be mounted in either landscape or portrait orientation and still retain a 178° viewing angle and remarkable image quality.

VESA Mounting Holes

These displays have an integrated and secure screw based mounting solution on the rear for easy installation.

Low Power Consumption

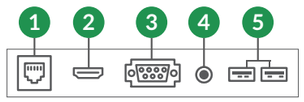
The LED backlight technology provides improved brightness and contrast. Their lifespan is drastically improved to over 70,000 hours and the power consumption is reduced by around 30%.



Multiple Inputs

Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.

1. LAN
2. HDMI
3. VGA
4. Audio in
5. 2 x USB



Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet. For more information please go to page 115.

		28 Inch	37 Inch
Panel	Resolution	1920x360	1920x540
	Display Area (mm)	701.6x133	899.7x253
	Aspect Ratio	16:3	32:9
	Brightness (cd/m²)	700	
	Colour	16.7M	16.7M
	Viewing Angle	89°	89°
	Contrast Ratio	1200:1	4000:1
Audio	Speaker Type	2W, 5Ω (x2)	
AV Inputs	Video	HDMI, VGA	
	Audio	Audio Socket (3.5mm)	
Power	Power Consumption (W)	35	50
	Input Voltage	DC 12V	AC100V-240V input
Mechanical	Unit Size (WxHxD mm)	735.1x168x29.5	918.1x284.4x39
	Package Size (WxHxD mm)	308.6x877.1x128	308.6x877.1x128
	VESA Holes (mm)	75x75	75x75
	Net Weight (Kg)	5.7	5.7
	Gross Weight (Kg)	7.3	7.3
Environmental	Operating Temperature	0°C to 40°C	
	Storage Temperature	-10°C to 60°C	
	Operating Humidity	10% to 85%	
	Storage Humidity	5% to 95%	
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)	
	Media Resolution	1920x360	1920x540
	Internal Memory	6GB	
	CPU	Quad-Core Cortex-A17@1.61GHz	
	GPU	Mali-T760 MP4 @600MHz	
	RAM	2GB DDR3	
	ROM	8GB NAND	
	USB	USB2.0 HOST (x2)	
	LAN	10/100M Ethernet (Network Version Only)	
	Wi-Fi	802.11b/g/n/ac (Network Version Only)	
	OS	Android 5.1.1	
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1	
Accessories	Included	Scheduling Software, Remote Control, User Manual	
	Optional	Network Upgrade, Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

LCD Shelf Edge Displays

21”

Digital Shelf Label

Transform lifeless shelf edge signage with these revolutionary LCD displays. Their ultra wide aspect ratio is perfect for integration into existing shelf edge systems. Compliment printed signage by adding motion and vibrancy.

Network Management Solution

You can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet and even split your screen into multiple zones. For more information go to page 115.

24/7 Commercial Use

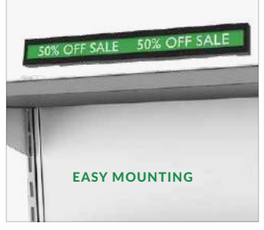
These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.

Synchronise Multiple Displays

Synchronise your content across multiple screens within the same display. You can achieve the effect of one large image or video across multiple screens or have content playing and transitioning in perfect unison.

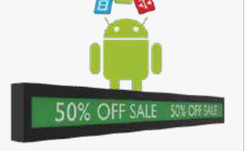
		21 Inch
Panel	Resolution	1920x132
	Display Area (mm)	529.02x36
	Aspect Ratio	160:11
	Brightness (cd/m²)	300
	Colour	16.7M
	Viewing Angle	89°
	Contrast Ratio	1200:1
Power	Power Consumption (W)	28
	Input Voltage	DC 12V
Mechanical	Unit Size (WxHxD mm)	545.5x63x28
	Package Size (WxHxD mm)	TBC
	Net Weight (Kg)	TBC
	Gross Weight (Kg)	TBC
Environmental	Operating Temperature	0°C to 40°C
	Storage Temperature	-10°C to 60°C
	Operating Humidity	10% to 85%
	Storage Humidity	5% to 95%
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x132
	Internal Memory	6GB
	CPU	Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz
	RAM	2GB DDR3
	ROM	8GB NAND
	USB	USB2.0 HOST (x2)
	LAN	10/100M Ethernet (Network Version Only)
	Wi-Fi	802.11b/g/n/ac (Network Version Only)
	OS	Android 5.1.1
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Accessories	Included	Scheduling Software, Remote Control, User Manual
	Optional	Network Upgrade
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

ULTRA WIDE ASPECT RATIO



EASY MOUNTING

IPS PANEL

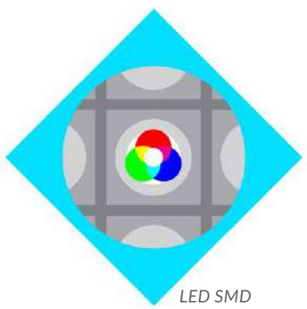


ANDROID MEDIA PLAYER

WELCOME TO THE WORLD OF LED

What is an LED Video Wall?

Light-emitting diodes (LEDs) can be found in torches, lamps and the backlight of most LCD screens; essentially they are tiny light bulbs. LED Video Walls comprise of individual LEDs that light up with different colours to create an image; so think of each LED as a pixel. Our ranges of LED Video Walls use surface mounted device (SMD) technology, combining red, green and blue micro LEDs so each pixel can create a full range of colours. LED Video Walls have a modular design so they can be made to fit any space. Content is sent, usually from a media player, to a sending box which then distributes the image to each module and in turn each LED.



LED SMD

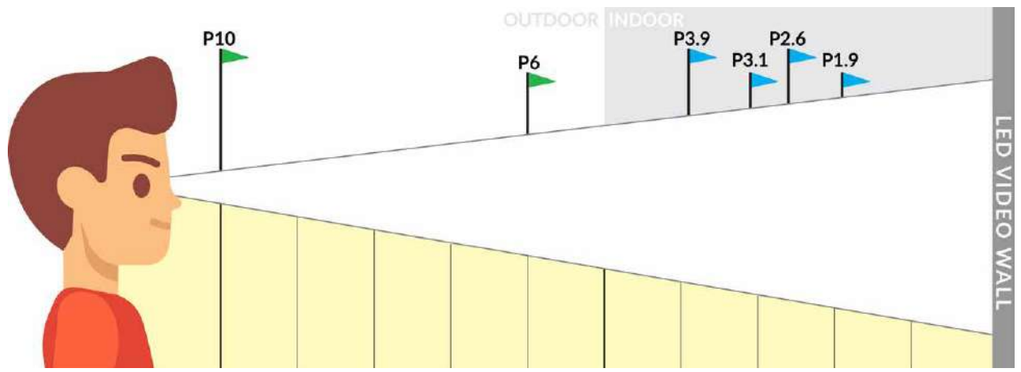
LED Video Walls VS LCD Video Walls

When thinking about Video Wall technology the major choice you will be faced with is whether LED or LCD is the way to go. Both have their unique advantages and strengths depending on your requirements, expectations and resources.

LED Video Wall	LCD Video Wall
Between each module and cabinet there are no seams across the entire display, creating a seamless display.	Between each panel there is an ultra-narrow bezel that can be as thin as 3.5mm screen to screen.
Fill any space thanks to the smaller cabinet sizes and modular design, is not bound to 16:9 aspect ratio.	As standard come in a fixed 16:9 aspect ratio, ideal for displaying High Definition content but more limiting.
Both indoor and outdoor options available.	Can only be used for indoor applications.
Ultra high contrast ratios achieve true blacks and an unbelievable colour range.	Smaller pixel pitch can potentially produce higher resolutions, depending on content and media player.
Bespoke installation required.	More user friendly hardware.
Robust, rugged enclosures.	Very fragile LCD panels can be damaged easily during installation.
Unbelievable levels of brightness can be achieved, ideal for outdoor applications that need to compete with the sun.	Designed specifically for indoor use so not available in high brightness.
Can be accessed from front or rear making maintenance flexible and simple.	Typically use pop-out wall mounts for serviceability.
100,000 hours lifetime.	70,000 hours lifetime.
Premium solution.	Affordable option.

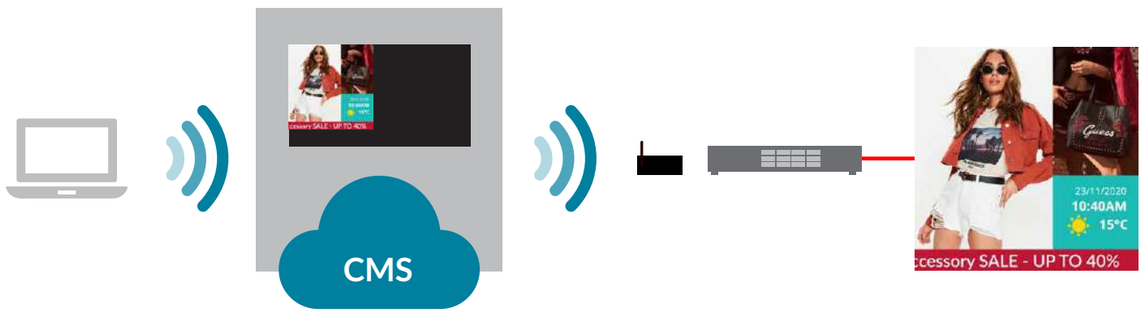
Pixel Pitch

One factor to consider when planning your LED Video Wall project is viewing distance and how pixel pitch plays a part in this. Pixel pitch refers to the distance between each LED/pixel, so in a P6 LED Video Wall there would be 6mm between each pixel, both horizontally and vertically. This is why typically indoor LED Video Walls have lower pixel pitches when compared to outdoor LED Video Walls as you would expect outdoor displays to be viewed from a further distance. When deciding which pixel pitch is right for you, a general rule of thumb is the number after the “P” dictates the optimum viewing distance in meters. For example, the optimum viewing distance for a P6 LED Video Wall is 6 meters or more.



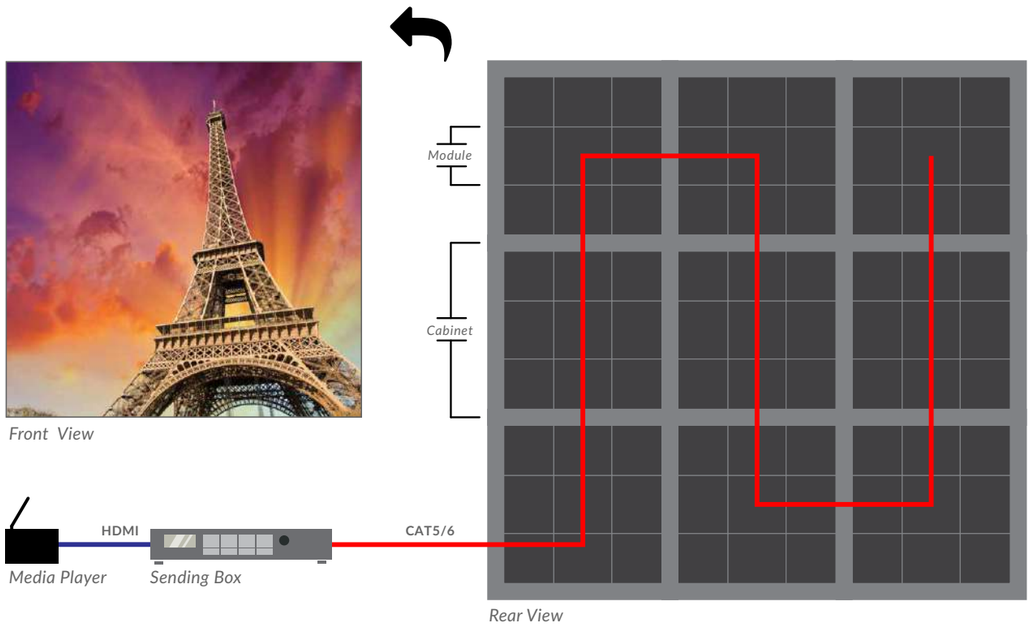
Content Management Systems

All Digital Signage solutions require a commercial display, a media player and a content management system; this theory is no different with an LED Video Walls. Just like with our LCD based Digital Signage solutions, we can provide an all-in-one LED Video Wall solution. By sourcing all of the necessary components from one supplier you can eliminate problems that arise when supporting and maintaining a solution from separate manufacturers and software suppliers. Our software is more streamlined and user-friendly, as we are not competing with traditional Digital Signage software companies who add an abundance of generally redundant features. Using over a decade of industry experience, research and development we have developed a content management system that works in sync with our LED Video Walls.



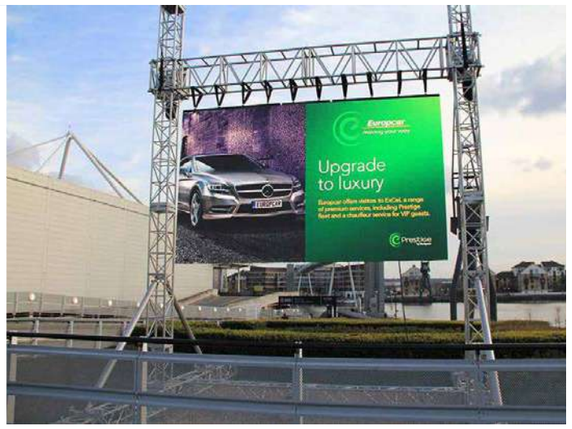
How Does an LED Video Wall Work?

An LED Video Wall is made up of several components. The first of which is the media player, which sends the content via HDMI to the sending box. The sending box processes this video signal and sends it to the receiving card of the first LED cabinet. Each cabinet, which is comprised of separate LED modules, is then daisy chained to one another using a CAT5 cable to carry this signal.



Indoor and Outdoor LED Video Walls

LED Video Walls allow you to deliver your message on a grand scale and can be a very powerful tool. LED technology allows you to create Video Walls for both indoor and outdoor applications. Iconic locations such as New York's Times Square and London's Piccadilly Circus are dominated by outdoor LED Video Walls and tourists flock to see the advertising displays. LED technology is versatile thanks to protective IP-rated enclosures that shield the display from all outdoor weather conditions. Another huge advantage of LED is brightness; when compared to LCD technology indoor LED Video Walls are also nearly twice as bright. Outdoor LED Video Walls are more than 12 times the brightness of most standard LCD Digital Signage displays to help them compete with direct sunlight.



Installation

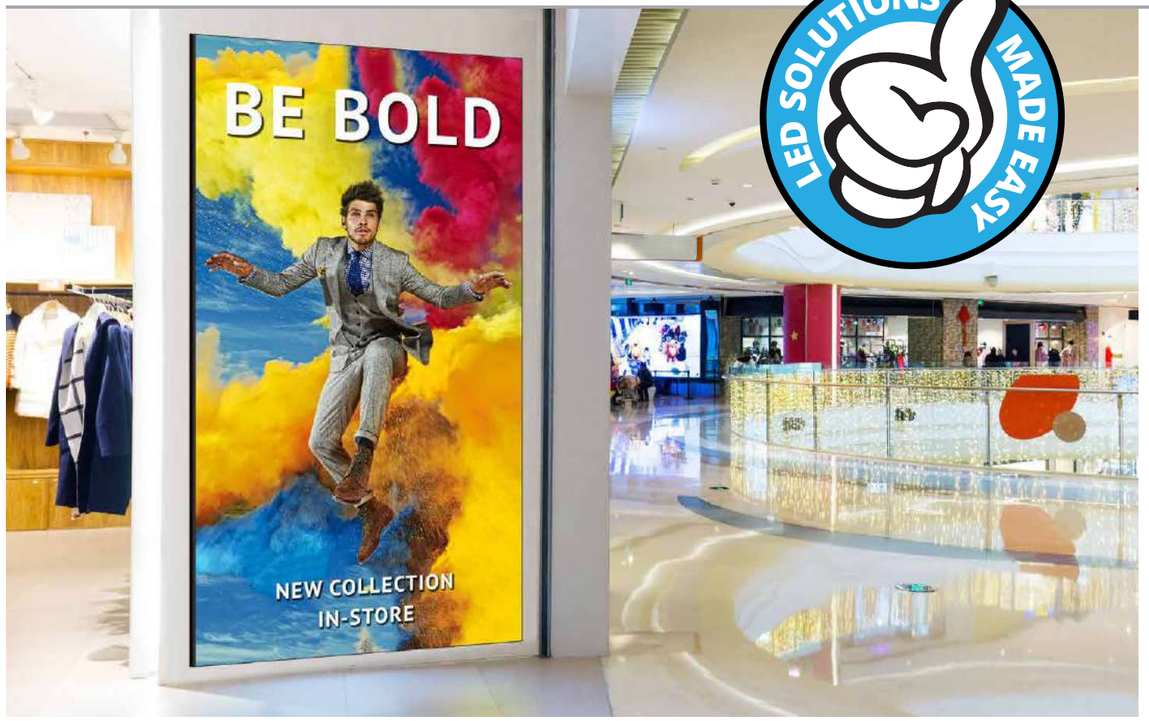
Our LED Video Walls can be installed quickly and efficiently due to smart interlocking cabinets and secure magnets. When it comes to installation of an LED Video Wall there are multiple factors that need to be taken into account. Where is the LED Video Wall being mounted; is it going on a wall or a custom built freestanding structure? Is a structural engineer needed? Will extra equipment such as a cherry picker be required? Is the display a permanent install or a temporary rental? How much and what type of power going to be needed? We can provide as much support as necessary when it comes to the installation of your LED Video Wall.

Maintenance

LED is one of the most durable and reliable display technologies available but like any form of equipment it does need to be properly maintained to ensure optimum performance. The failure rate of LED is astonishingly low and even when it does occur the modules can be easily accessed and swapped out. The level of maintenance required can be mitigated by considering certain factors during the design and installation stage, such as making sure there is sufficient ventilation. LED Video Walls are not a 'fit and forget' type of technology and that is why we can offer maintenance packages where appropriate, so you can be sure your LED Video Wall is properly cared for and has a long lifetime of operation.

Indoor LED Video Walls

P1.9 | P2.5 | P3.1 | P3.8



Stunning Image Quality

State of the art SMD-LED technology delivers stunning image quality across the seamless display; certain to garner attention. With advanced video processing technology to produce accurate and vibrant colours with no distortion.

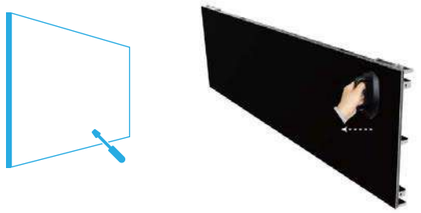
High Brightness

Equipped for all indoor ambient light conditions the 800cd/m2 high brightness display is sure to shine bright and demand your audience's attention.

800cd/m²

Easy Front Maintenance

Through an intuitive and easy-to-use maintenance system the LED Video Wall can be serviced from the front of the display. The LED modules can be removed quickly and efficiently for convenient maintenance.



End-to-End Project Management

Every LED Video Wall is unique and each comes with its own challenges. We are here to advise and guide you through every step - from design to installation and even providing maintenance we can provide full end-to-end project management where required.

Design >> Installation >> Maintenance

Key Features

SMD TECHNOLOGY

MODULAR DESIGN

SEAMLESS VIDEO WALL

ULTRA HIGH CONTRAST RATIO

QUICK AND EASY INSTALL

LIGHTWEIGHT DESIGN

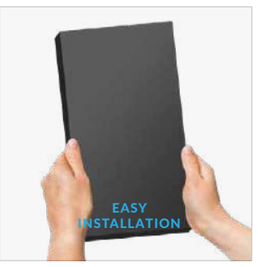
LOW HEAT EMISSIONS

EASY TO USE CMS

ALL-IN-ONE DISPLAY

800cd/m²

HIGHER BRIGHTNESS DISPLAY



Other Features

Lightweight and Slim Design

Each cabinet weighs just 24kg and has a depth of 40mm meaning that the reduced weight reduces stress on the mounting structure.

Ultra High Contrast Ratio

With an ultra-high contrast ratio of 6,000:1 the LED Video Walls deliver deeper blacks, vivid colours and clear visibility across the display without sacrificing brightness.

Fanless Design

The Indoor LED Video Walls are noise free while in operation thanks to their fanless design. Unlike outdoor applications, which involve lots of ambient noise, indoor projects require a silent solution.

Easy Installation

Their light and compact design as well as magnetic modules, positioning pins and simple cabinet structure make them ideal for either permanent installations or rental jobs.

Remote Updates from the Cloud

Take complete control of your LED Video Wall's content with our CMS system. Publish and monitor your content from anywhere in the world via our online portal.

Optimised Indoor Viewing Distances

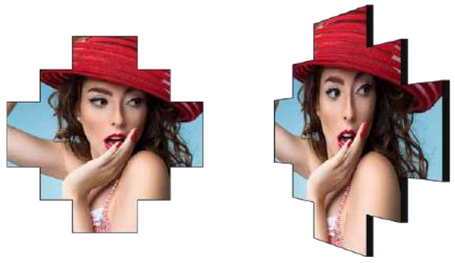
The Indoor LED Video Walls are designed for close range viewing distances with a variety of pixel pitch options depending on your budget and requirements.

Complete Quality Control

Every step, from production to installation, goes through a strict quality control procedure while quality calibration guarantees consistent image quality across the whole display.

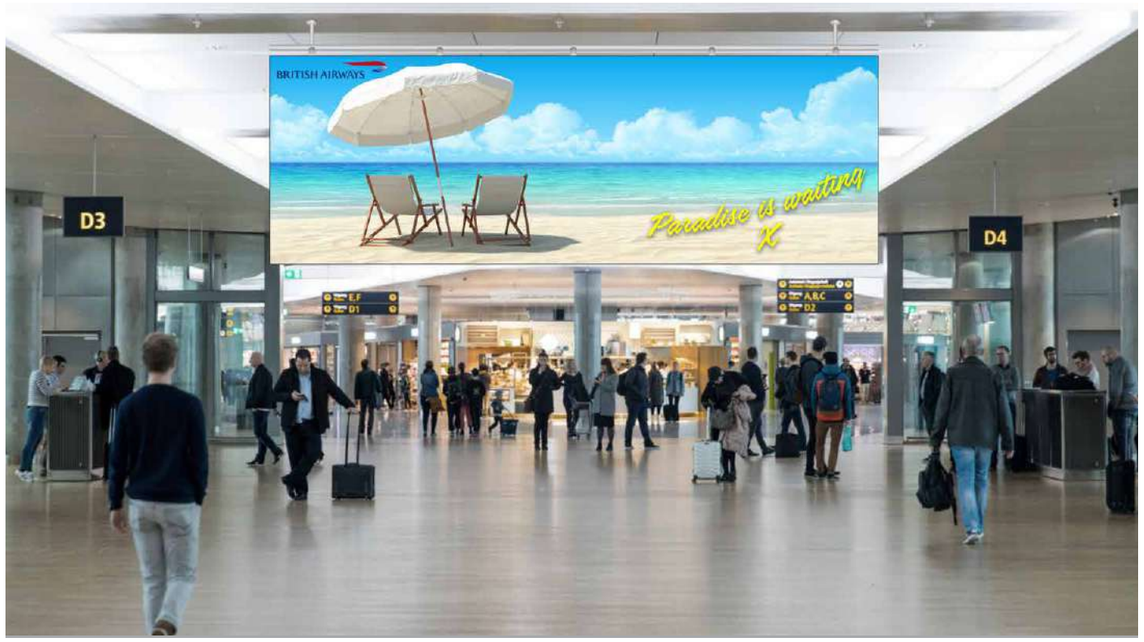
Bespoke Video Wall Display

Make the most of their modular design as you sculpt the LED Video Wall to fill your space and stand out from the crowd.



Specification Table

		P1.9	P2.6	P3.1	P3.9
LED Display	Pixel Pitch (mm)	1.9mm	2.6mm	3.1mm	3.9mm
	LED Type	Black SMD2020 3-in-1			
	Pixel configuration	1R1G1B			
	Brightness (Calibrated)	800 cd/m2			
	Refresh rate	≥1920 Hz			
	Contrast Ratio	6000:1			
	Viewing angle - Horizontal	160°			
	Viewing angle - Vertical	160°			
	Processing	14 bit			
	Frame rate	60 fps			
	Maintenance	Front & Rear service			
Cabinet	Module Resolution (px)	128x128	96x96	80x80	64x64
	Module Size (mm)	250x250			
	Cabinet Resolution (px)	256x256	192x192	160x160	128x128
	Cabinet Size (mm)	500x500x80			
	Net weight (Kg)	26			
Power	Input Voltage	AC220/110 ± 10%, 47~63Hz			
	Average Power Consumption	200W/m^2			
	Maximum Power Consumption	624W/m^2			
Environmental	IP Rating	IP40			
	Operating Temperature	-10°C to +40°C			
	Operating Humidity	10% to 90%			
	Lifetime	100,000 hours			
Accessories	Included	TBC			
	Optional	TBC			
Warranty	Warranty Period	3 Year Warranty			
	Technical Support	Lifetime			



Outdoor LED Video Walls

P6 | P10

Stunning Image Quality

State of the art SMD-LED technology delivers stunning image quality across the seamless display; certain to garner attention. With advanced video processing technology to produce accurate and vibrant colours with no distortion.

Lightweight and Slim Design

Each cabinet weighs 28kg and has a depth of 100mm making these screens much easier to install. The lighter weight reduces stress on the mounting structure.

IP Rated Weatherproof Enclosure

Designed with a robust aluminium enclosure to give protection from the all wet weather conditions. The outer casing is IP-rated which means it also keeps out airborne swarf, dust and other particles.

End-to-End Project Management

Every LED Video Wall is unique and each comes with its own challenges. We are here to advise and guide you through every step - from design to installation and even providing maintenance we can provide full end-to-end project management where required.

Design >> Installation >> Maintenance

Key Features

SMD TECHNOLOGY

SUNLIGHT READABLE

WEATHERPROOF

MODULAR DESIGN

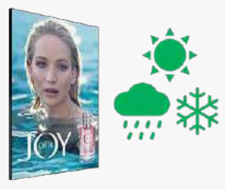
QUICK AND EASY INSTALL

LIGHTWEIGHT DESIGN

LOW HEAT EMISSIONS

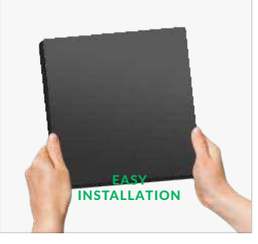
SEAMLESS VIDEO WALL

STUNNING IMAGE QUALITY



WEATHERPROOF

FRONT OR REAR SERVICEABILITY



EASY INSTALLATION

Other Features

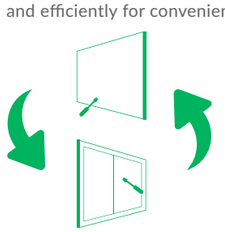
Outstanding High Brightness

With an incredible brightness level of 6,000cd/m2 the LED Video Wall has outstanding visibility. The display is sunlight readable even in direct sunlight instantly catching attention from viewers ensuring your content is always seen.

6,000cd/m²

Front or Rear Maintenance

Through an intuitive and easy-to-use maintenance system the LED Video Wall can be serviced from either the front of the display or the rear. The LED modules can be removed quickly and efficiently for convenient maintenance.



Optimised Outdoor Viewing Distances

The Outdoor LED Video Walls are designed for longer viewing distances with multiple pixel pitch options depending on your budget and requirements.

Easy Installation

Their light and compact design as well as magnetic modules, positioning pins and simple cabinet structure make them ideal for either permanent installations or rental jobs.

Remote Updates from the Cloud

Take complete control of your LED Video Wall's content with our CMS system. Publish and monitor your content from anywhere in the world via our online portal.

Complete Quality Control

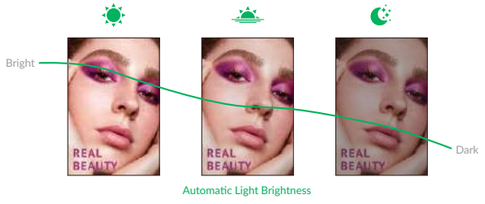
Every step, from production to installation, goes through a strict quality control procedure while quality calibration guarantees consistent image quality across the whole display.

Ultra High Contrast Ratio

With an ultra-high contrast ratio of 6,000:1 the LED Video Walls deliver deeper blacks, vivid colours and clear visibility across the display without sacrificing brightness.

Optional Ambient Light Sensor

Ensure that the brightness of your video wall is always at an optimum level. This feature is ideal for displays that are road facing; which need to have variable brightness depending on the time of day.



Specification Table

		P6	P10
LED Display	Pixel Pitch (mm)	6.67mm	10mm
	LED Type	SMD 2727 3-in-1	
	Pixel configuration	1R1G1B	
	Brightness (cd/m²)	≥6,000	
	Refresh rate	≥1920 Hz	
	Contrast Ratio	6,000:1	
	Viewing angle - Horizontal	140°	
	Viewing angle - Vertical	140°	
	Processing	14 bit	
	Frame rate	60 fps	
	Maintenance	Front & Rear Access	
Cabinet	Cabinet Size (mm)	960x960x120	
	Net Weight (Kg)	28	
Power	Input Voltage	AC220/110 ± 10%, 47~63Hz	
	Average Power Consumption	265W/m²	
	Maximum Power Consumption	750W/m²	
Environmental	IP Rating - Front	IP65	
	IP Rating - Rear	IP54	
	Operating Temperature	-20°C to +50°C	
	Operating Humidity	10% to 95%	
	Lifetime	100,000 hours	
Accessories	Included	TBC	
	Optional	TBC	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

Fine Pitch LED Presentation Video Walls

110” | 138” | 165” | 220”

Super Fine HD Pixel Pitch

All the screen sizes available have a full High Definition resolution and a standard 16:9 aspect ratio. This fine pixel pitch, combined with the advantage of not having any unsightly bezels, make these displays the ultimate in premium presentation video walls.

All-in-One Meeting Room Display

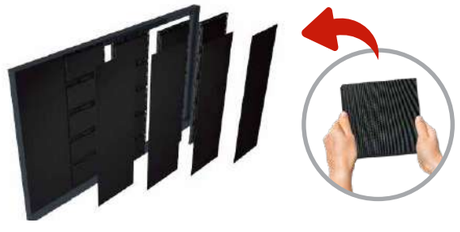
The Fine Pitch LED Presentation Video Wall combines the best quality LED technology on the market with a sophisticated Android based PC. This provides an integrated solution for most cases without the need for messy cables or additional devices.

Powerful Presentation Display

Designed with middle to large sized meeting rooms in mind this is the ultimate presentation tool. Wow attendees as you wirelessly mirror and file share between your devices and the presentation screen. Featuring easy access front ports for connecting your laptop, remote video conferencing and multi-window splicing for maximum user engagement.

Easy installation

Installation of the Fine Pitch LED Presentation Video Wall is quick and easy thanks to its light and compact design. Unlike other LED Video Walls this solution is a complete out-of-the-box display so assembly is much easier than usual. It also comes fully colour celebrated.



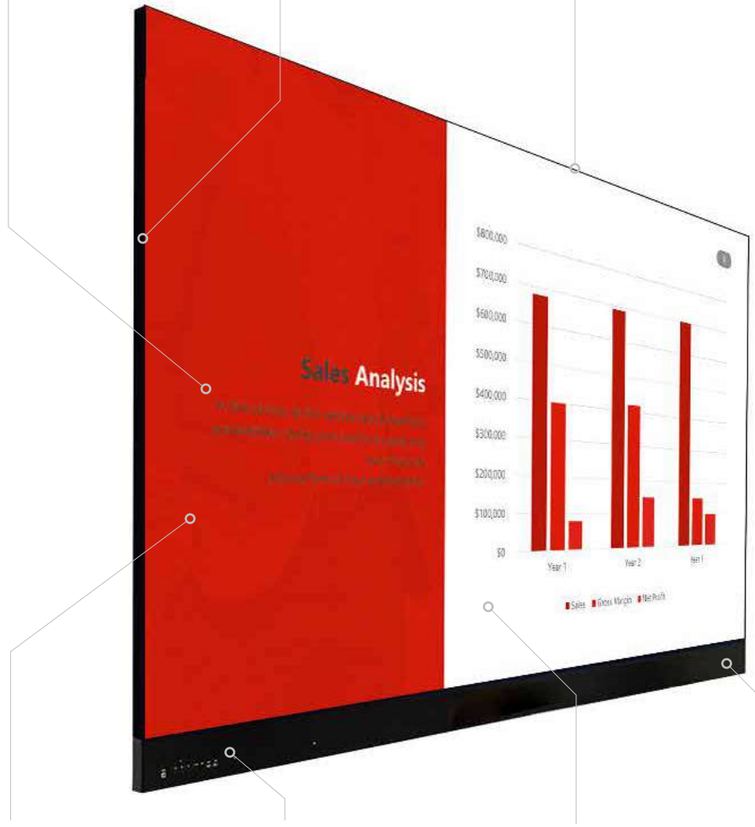
Key Features

SMD TECHNOLOGY

SLIM/LIGHTWEIGHT DISPLAY

RUGGED ENCLOSURE

PRE COLOUR CALIBRATED

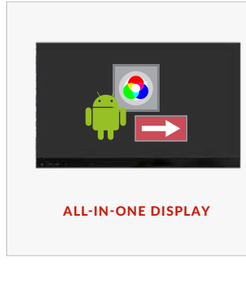


HD DISPLAY

EASY ACCESS FRONT PORTS

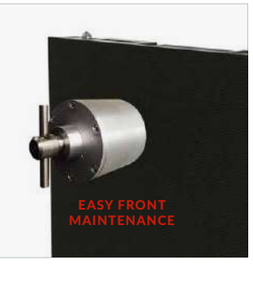
SEAMLESS VIDEO WALL

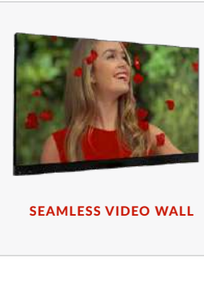
BUILT IN ANDROID



ALL-IN-ONE DISPLAY

ALL AMBIENT LIGHTING





SEAMLESS VIDEO WALL

Other Features

Adjustable Backlight

The Fine Pitch LED Presentation Video Wall is bright enough for all ambient lighting conditions, but the screen can be adjusted manually to suit user preferences. If your conference or meeting room is quite dark then you can reduce the backlight brightness to improve overall readability.

Easy Front Maintenance

Through an intuitive and easy-to-use maintenance system the LED Video Wall can be serviced from the front of the display. The LED modules can be removed quickly and efficiently for convenient maintenance.

SMD Technology

SMD (Surface Mounted Diode) LED technology is the optimum form for LED Video Walls. Combining three miniature LEDs of different colours in one unit enables fine pixel pitches with perfect colour uniformity.

Lightweight and Slim Design

Despite their large size the Fine Pitch LED Presentation Video Wall has a compact design with a slim depth of just 38.5mm* and a lightweight cabinet for reduced stress on the mounting wall.

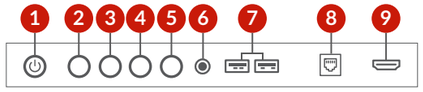
*Excludes 220" Model

Wide Viewing Angle

Thanks to the LED technology these displays provide fantastic image quality with a remarkable viewing angle of 160°.

Easy Access Front Ports and Controls

The Fine Pitch LED Video Wall has a variety of easy to access controls and ports on the front of the display including a HDMI and 2 x USB ports.



1 Power Switch
2 Switch Signal
3 + Brightness
4 - Brightness
5 Standby
6 Audio Out
7 USB x 2
8 LAN*
9 HDMI*

*On underside of display

Advertising Display Functionality

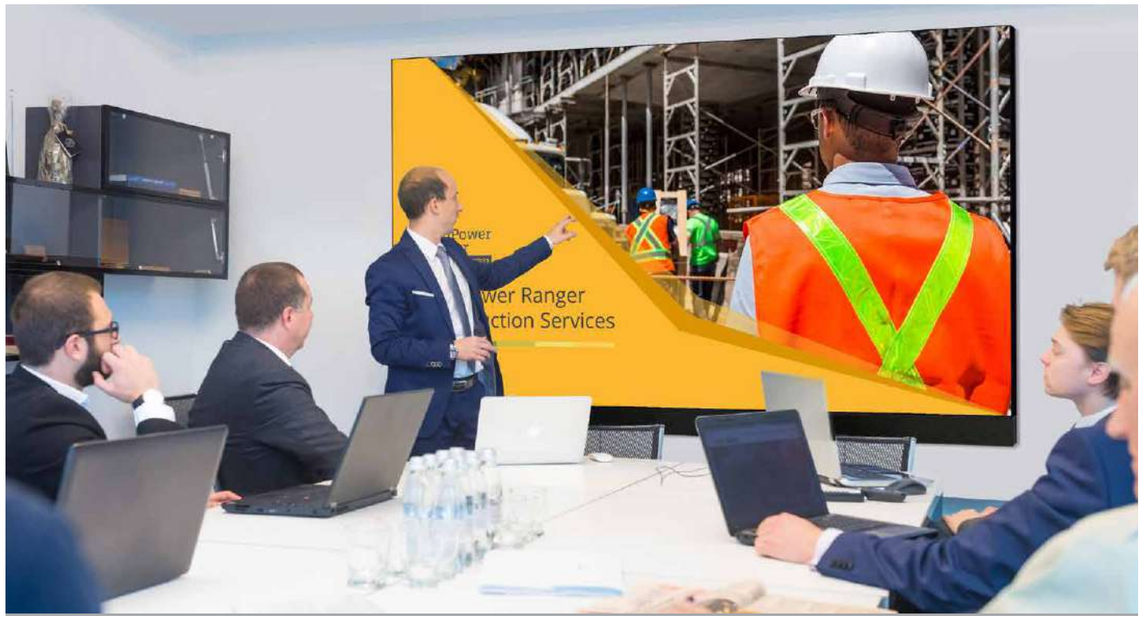
Although it's designed as a presentation solution, this LED Video Wall can also be used as an indoor LED advertising display thanks to the built in Android PC.

Optional Floor Stand

If you do not have the desired wall space available an optional floor stand can be included to mount the LED Video Wall on.

Specification Table

		110 Inch	138 inch	165 inch	220 inch
LED	Pixel Pitch (mm)	1.2	1.5	1.9	2.5
	Resolution	1920x1080			
	Display Area (mm)	2440x1373	3050x1716	3660x2059	4880x2745
	Aspect Ratio	16:9			
	Brightness (cd/m²)	100~500		100~600	
	Refresh Rate (Hz)	1920~3840			
	Grayscale	14 Bit			
	Viewing Angle	160°			
	Contrast Ratio	5000:1			
	Maintenance	Front Access Only			
AV Inputs	Front Inputs	USB x 2, HDMI			
Power	Input Voltage	AC110~240V (50Hz~60Hz)			
	Average Power Consumption	850W	1,020W	1,040W	1,740W
	Maximum Power Consumption	2,500W	3,000W	3,060W	5,120W
Mechanical	Unit Size (WxHxD mm)	2453x1503x38.5	3063x1846x38.5	3673x2189x38.5	4893x2875x60
	Package Size (WxHxD mm)	TBC	TBC	TBC	TBC
	VESA Holes (mm)	400x400/400x600	600x600/600x800	800x600	800x600
	Net Weight (kg)	134	201	282	562.5
	Gross Weight (kg)	TBC	TBC	TBC	TBC
Environmental	Operating Temperature	-10°C to 40 °C			
	Operating Humidity	10% to 85%			
	IP Rating	IP30			
Computer	CPU	ARM Cortex A72, Cortex A53, 2.0GHz			
	GPU	ARM Mali-T860 MP4			
	Memory	DDR3 2G, 4G			
	Storage	eMMC 8G			
	LAN	100M/1000M			
	Wi-Fi	802.11ac			
	OS	Android 7.1			
Accessories	Included	TBC			
	Optional	Floor Stand			
Warranty	Warranty Period	3 Year Warranty			
	Technical Support	Lifetime			

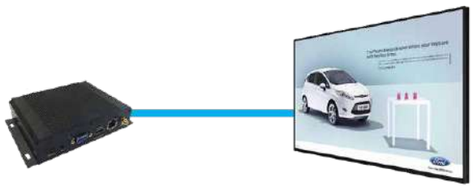


Standalone Android Media Players

		Standalone Android Media Player
AV Outputs	Video	HDMI, VGA
	Audio	Stereo Analog Audio Socket (3.5mm)
Power	Power Consumption (W)	<5
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	162.5x103x35
	Package Size (WxHxD mm)	237.5x165x129
	Net Weight (kg)	0.35
	Gross Weight (kg)	0.55
Environmental	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x1080/1080x1920
	Internal Memory	6GB
	CPU	Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz
	RAM	2GB DDR3
	ROM	8GB NAND
	USB	USB2.0 HOST (x2)
	LAN	10/100M Ethernet (Network Version Only)
	Wi-Fi	802.11b/g/n/ac (Network Version Only)
	OS	Android 5.1.1
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Accessories	Included	HDMI Cable, Scheduling Software, Remote Control, User Manual
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

Convert Existing Displays

For applications where there is already a display in place, these players are ideal for transforming them into USB updatable displays.



Plug and Play

Plug and Play is the most straightforward update method. Simply load images and videos on a USB stick, insert in the player, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.

24/7 Commercial Use

Commercially graded high quality components are used in the design of the media player to ensure that it can be in constant use 24/7. Unlike domestic players, or DVD players, this unit is purpose built to run constantly and is extremely robust.

Power Timer

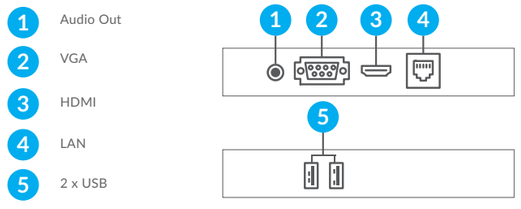
The eco-friendly power timer allows you to assign daily or weekly on and off times for your media player. The ability to power on and off automatically means that the media player is only in use when it needs to be; improving your environmental efficiency.

Android Media Player

Thanks to their Android operating system, these players are more easily updateable and faster than ever before. They can also be upgraded to the network version so that you can update content over the internet.

Multiple Outputs

Connect the media player to your existing screen via HDMI or VGA and 3.5mm audio jack depending on your display's inputs.



Free Scheduling Software

For more advanced use you can take advantage of the free scheduling software, allowing you to display different content at certain times of the day. You can also add scrolling text and set image duration and transition effects.

High Definition 1080p

When connected to your display via HDMI you can achieve crystal clear full HD resolution images and videos.

Android Cloud Network Media Players

Convert Existing Displays

For applications where there is already a display in place, these players are ideal for transforming them into networked displays.

Update Instantly and From Anywhere

No special software installation or dedicated PC is required, simply login to our online your portal and update your player from anywhere in the world with an internet connection.

Android Media Player

Thanks to their Android operating system, these players are more easily updateable and faster than ever before as well as offering benefits such as displaying live webpages.

Connectivity

Connect the media player to your network using an Ethernet cable or over Wi-Fi. There is also a 4G option available for applications that require a dedicated network.

Key Features

UPDATE FROM ANYWHERE

CLOUD BASED SOFTWARE

CREATE CUSTOM LAYOUTS

SCHEDULE PLAYLISTS

REMOTE FUNCTIONS

POWER TIMER

MULTIPLE AV OUTPUTS

UPDATE ONLINE

ANDROID MEDIA PLAYER

CONNECTIVITY (WI-FI, LAN, 4G)

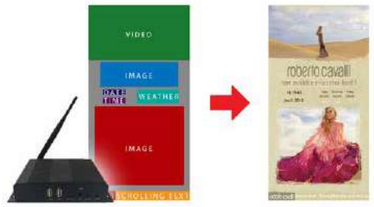
Other Features

Cloud Based Software

No need to install software to your PC or have your own dedicated server, our cloud-based CMS portal can be accessed instantly from anywhere in the world.

Create Custom Layouts

Design your own layouts in any orientation, with different zones for your background, images, videos, text, RSS feeds, time, date, local weather and live webpages.



Schedule Playlists

Either publish immediately or choose your own times and dates in the future for your content to display. You can schedule content as far into the future as you like.

24/7 Commercial Use

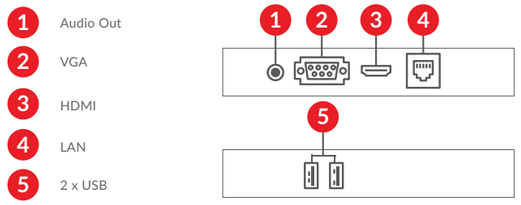
Commercially graded high quality components are used in the design of the media player to ensure that it can be in constant use 24/7. Unlike domestic players, or DVD players, this unit is purpose built to run constantly and is extremely robust.

Remote Player Functions

Send commands to reboot your player, format the internal memory, stop and start content playback, adjust the volume; almost anything you can do with the remote control. Retain full control of your player from anywhere in the world.

Multiple Outputs

Connect the media player to your existing screen via HDMI or VGA and 3.5mm audio jack depending on your display's inputs.



Power Timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your media player. The ability to power on and off automatically means that the media player is only in use when it needs to be; improving your environmental efficiency.

Works Offline

Media files are downloaded and stored on the internal memory; meaning that even when not connected to the internet it will display the scheduled content. You can even update via USB stick if there are any network problems.

		Android Cloud Network Media Player
AV Outputs	Video	HDMI, VGA
	Audio	Stereo Analog Audio Socket (3.5mm)
Power	Power Consumption (W)	<5
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	162.5x103x35
	Package Size (WxHxD mm)	237.5x165x129
	Net Weight (kg)	0.35
	Gross Weight (kg)	0.55
Environmental	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x1080/1080x1920
	Internal Memory	6GB
	CPU	Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz
	RAM	2GB DDR3
	ROM	8GB NAND
	USB	USB2.0 HOST (x2)
	LAN	10/100M Ethernet (Network Version Only)
	Wi-Fi	802.11b/g/n/ac (Network Version Only)
	OS	Android 5.1.1
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Accessories	Included	HDMI Cable, Scheduling Software, Remote Control, User Manual
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

Errors and omissions excepted

Network CMS

Content Management System Overview

Our Content Management System allows anybody to design and schedule content, regardless of their technical knowledge or resources. The easy to use interface puts the power in your hands to build your own content that your audience will love to engage with. Use your pre-existing images, videos and websites as you create your custom layouts. Deploy your content to anywhere in the world with just the push of a button. You can also send remote commands, designate specific user privileges, schedule your content to appear at set times and dates and even preview your content from the comfort of your PC.

Static Text
Allows you to input custom text values. Edit the font, colour and size of your text.

Images
Multiple images playing in a continuous rolling loop.

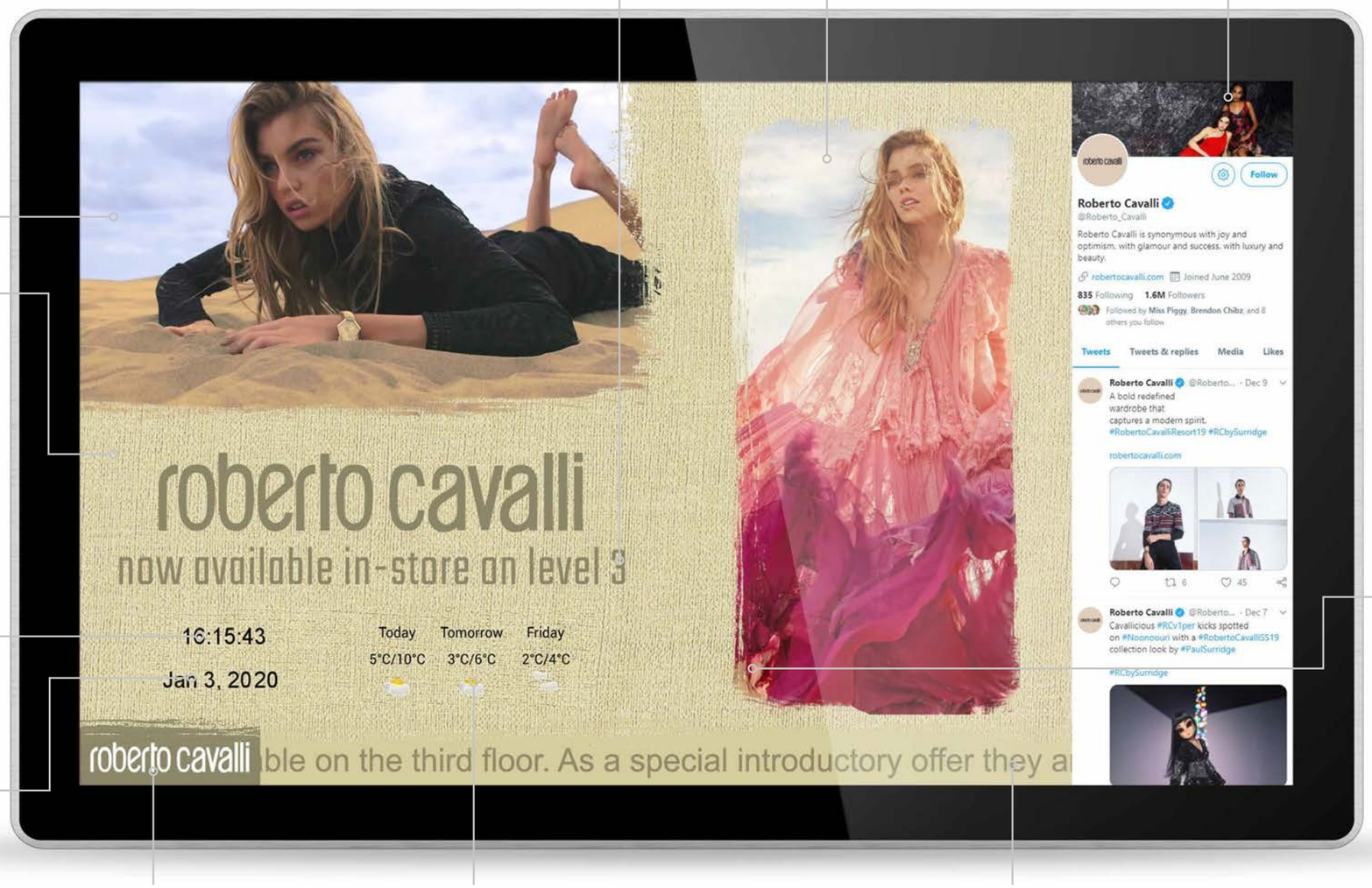
Webpages
Allows you to display a live webpage such as a social media page or live web feed.

Videos
Multiple videos playing in a continuous rolling loop.

Backgrounds
Set an image or a colour to frame your media zones.

Time
Display the time in a variety of formats, sizes and in whatever colour you want.

Date
Display the date in a variety of formats, sizes and in whatever colour you want.



Office Documents & PDF's
Display PDF files alongside Microsoft Word, Excel and PowerPoint files.

Image Overlay
Add an image with transparent sections as a top layer to give the other media zones a frame.

Logo
Brand your layout with your logo which will stay on top of all other zones.

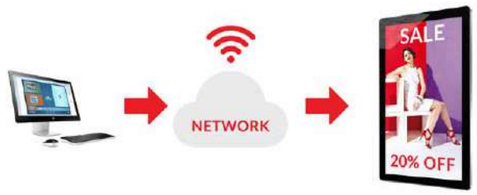
Weather Widget
Display a real time weather forecast for up to the next three days.

Scrolling Text
Display a ticker tape message or live RSS feed. From here you can adjust the font, size, colour, speed and direction of the text.

Key Features

Easy To Use

With our intuitive CMS you can send content from your PC to your display or media player in a matter of seconds using a user-friendly drag-and-drop system.



Full Integrated Solution

Our CMS software has been specifically designed to be used with the screens and media players that we manufacture; providing an all-in-one integrated solution.

1. LCD Screen
+
2. Android Media Player
+
3. CMS Software

Widgets

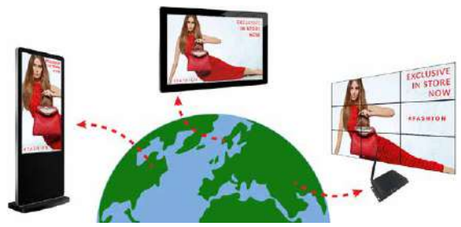
Alongside your media zones you can display the local time and date, various styles of weather forecasts, any social media feed and even live traffic updates.

Schedule Playlists

Either publish immediately or choose your own times and dates in the future for your content to display. You can schedule content as far into the future as you like.

Flexible and Scalable/ Deploy Globally

Using a wide range of screens and media players you can scale any project with absolute confidence. You can even integrate third party software via a URL.

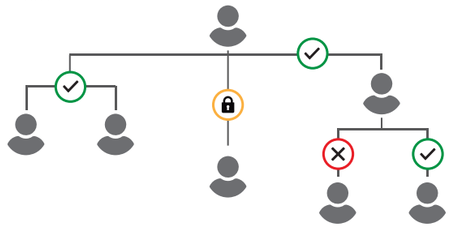


Secure Cloud Based Software

No need to install any software or have your own dedicated server, our cloud-based CMS portal can be accessed from anywhere in the world and gives you free unlimited storage space.

User Management

Create and manage as many user accounts as you like, even customise the privileges for each user based on what screens you want them to have access to and what features of the CMS are unlocked.



Works Offline

Media files are downloaded and stored on the internal memory; meaning that even when not connected to the internet it will display the scheduled content. You can even update via USB stick if there are any network problems.

Multi Zone Layouts

Design your own layouts in any orientation, with different zones for your background, images, videos, scrolling and static text, RSS feeds, time, date, local weather and live webpages.

Fully Customisable Content

Select exact colours from the palette or a HEX code to modify the background, scrolling text, static text, time, date and weather. You can also choose from 24 different transition styles between images.

+ Fonts
+ Colours
+ Logos
+ Backgrounds

Reports and Logs

View and export records of user activity as well as communication between screens and the CMS server. You can even export proof of play records to show how many times any given piece of media has played within a specific period.

Remote Commands

Send commands to reboot, format the internal memory, stop and start content, adjust the volume and even take a screenshot of what is playing. Retain full control of your screens from anywhere in the world.

Layer Management

Build multi-layered templates with background images or colours with image and video zones on top. Even add an image overlay with transparent sections to allow your content to shine through.

Multi Screen Synchronising

Synchronise your content across multiple screens in the same location. You can achieve the effect of one large image or video across multiple screens or have the same content playing and transitioning in perfect unison.

Compatible Products

Our versatile and user-friendly Content Management System is available on a wide range of screens, providing an integrated all-in-one solution, as well as media players so that existing screens can be updated and managed using the same software.

Android Advertising Displays pg 07
Android Freestanding Digital Posters pg 11
Network Digital Menu Boards pg 15
High Vibrance Advertising Displays pg 19
4K Large Format Commercial Displays pg 27
High Brightness Monitors pg 35
Ultra High Brightness Monitors pg 39
Digital Rod Displays pg 43
Hanging Double-Sided Window Displays pg 47
Outdoor Digital Advertising Displays pg 51
Outdoor Freestanding Digital Posters pg 55
Outdoor Digital Android Battery A-Boards pg 59
Digital Android Battery A-Boards pg 63
POS Android Advertising Displays pg 83
Ultra-Wide Stretched Displays pg 87
LCD Shelf Edge Displays pg 91
Cloud Network Media Players pg 111

Touch CMS

Touch Content Management System Overview

Our Touch Content Management System allows anybody to design engaging interactive touch screen content without having to write a single line of code. Thanks to the easy-to-use interface the power is now in your hands to create and control content that your audience will love to interact with. Use your pre-existing images, videos and even your own website to design exciting touch content. Deploy your touch screen content to screens anywhere in the world with just the push of a button. You can also send remote commands, designate specific user privileges, schedule your content to appear at set times and dates and even preview and interactive with your content from your PC.

Buttons

Link your different pages together and trigger a host of different actions. Use buttons to prompt videos to start, launch websites, link to different pages or playlists and even launch Android compatible applications; all this without having to write any code. You can also utilise Button Groups to create and manage multiple buttons at once.

Branding

Insert your company's logo and use the company colours to completely personalise your Touch Screen Content.

Static Text

Allows you to input custom text values. Edit the font, colour and size of your text.

Image Overlay

Add an image with transparent sections as a top layer to give the other media zones a frame.to create a video gallery.

Weather Widget

Display a real time local weather forecast at a glance.

Time and Date

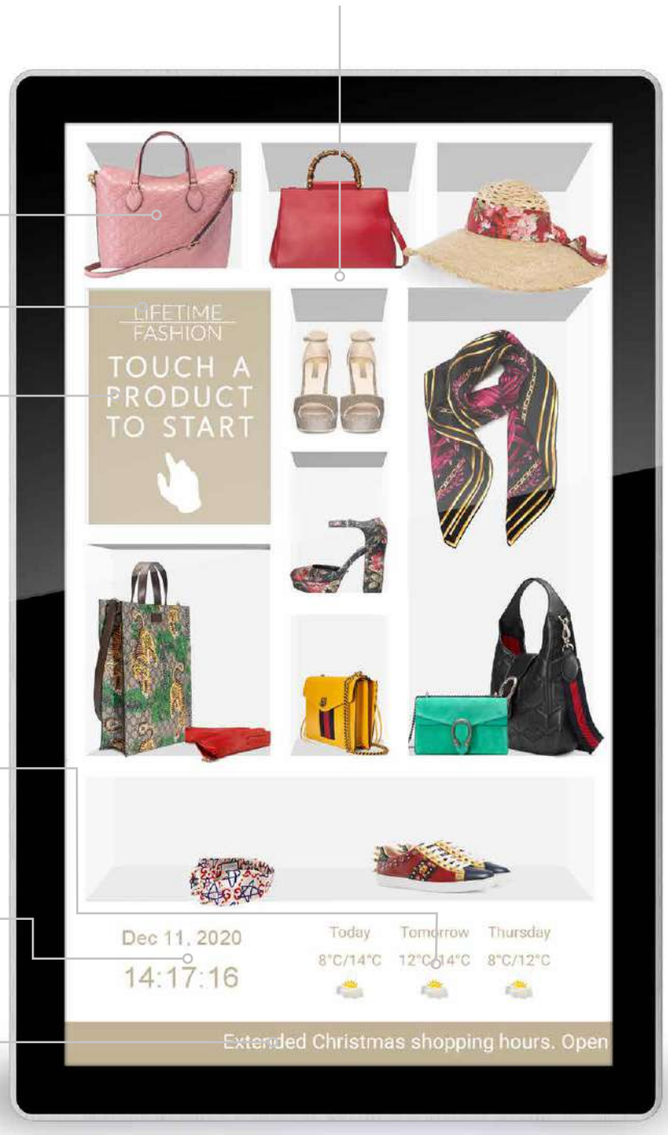
Display the time and date in a variety of different formats and choose exactly what colour you want to use.

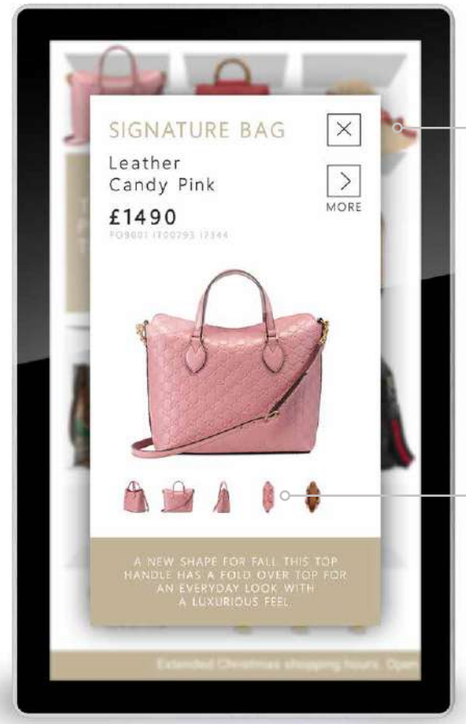
Scrolling Text

Display a scrolling ticker tape message.

Backgrounds

Set a specific colour or use your own image as your background to frame your media zones. You can also design your entire interface, including buttons, as a background image and then place empty button zones over your graphics.





Images

Insert your images into this zone and set the duration time and transition effect to display your images like a slideshow.

Media Galleries

Create user friendly galleries of your image and video content. Personalise your carousel with the length of each slide and the transition affect.

Screensavers

You can set a 'timeout' period for your content; if the screen isn't touched during this period you can assign a separate playlist to display automatically. This can include images, videos, webpages and even RSS feeds.

Apps

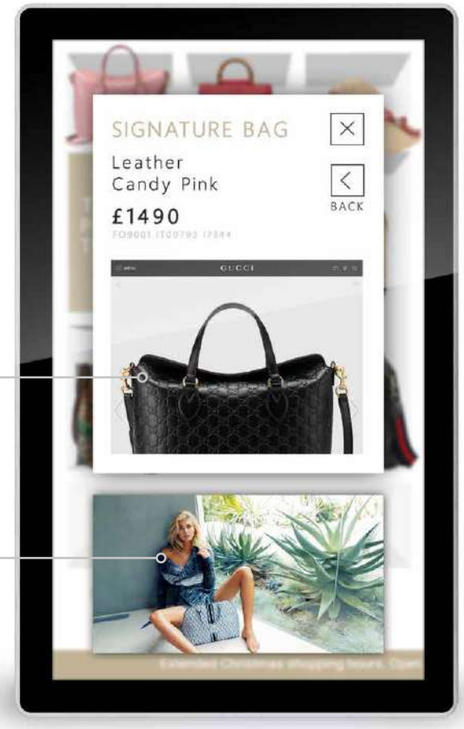
If you have an Android compatible app that you would like to use you can integrate it into your Touch Screen content. It can then be launched within the playlist with the touch of a button.

Webpages

Incorporating websites and webpages into your Touch Screen content opens up a whole new world of opportunities. Any complicated functions that can't be achieved by using the standard tools of our CMS can be achieved by creating a webpage. Interact with your company website, your social media feeds, online maps, HTML 5 elements and much more.

Videos

Set your videos to play automatically or assign a 'play' button to have them play on command. You can even assign multiple buttons to play different videos on the same page, allowing you to create a video gallery.



Easy To Use

With our intuitive CMS you can send content from your PC to your display or media player in a matter of seconds using a user-friendly drag-and-drop system.

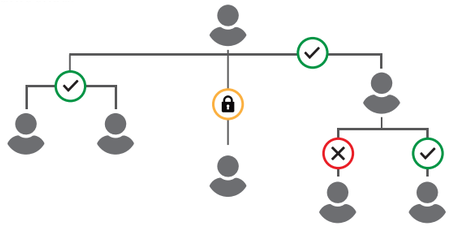
Full Integrated Solution

Our CMS software has been specifically designed to be used with the screens and media players that we manufacture; providing an all-in-one integrated solution.

1. LCD Touch Screen
+
2. Integrated PC
+
3. Touch CMS Software

User Management

Create and manage as many user accounts as you like, even customise the privileges for each user based on what screens you want them to have access to and what features of the CMS are unlocked.



Secure Cloud Based Software

No need to install any software or have your own dedicated server, our cloud-based CMS portal can be accessed from anywhere in the world and gives you free unlimited storage space.

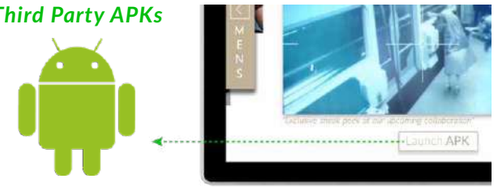
Flexible and Scalable/ Deploy Globally

Using a wide range of screens and media players you can scale any project with absolute confidence. You can even integrate and interactive with existing websites.

Integrate Android Apps

Incorporate existing Android apps into your content for ultimate flexibility. If you want to use your touch screen to run an existing app then you can use the Touch Screen CMS as a front end to launch the app as well as providing remote updates, management and monitoring of the connectivity.

Third Party APKs



Reports and Logs

View and export records of user activity as well as communication between hardware and the CMS server. You can also check which screens are currently online and offline.

Remote Commands

Send commands to reboot, format the internal memory, stop and start content, adjust the volume and even take a screenshot of what is playing. Retain full control of your screens from anywhere in the world.

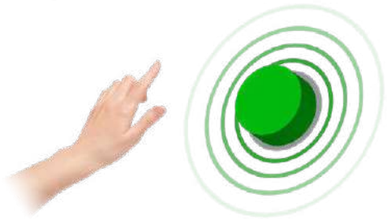
Fully Customisable Content

Select exact colours from the palette or a HEX code to modify the backgrounds, scrolling text, static text, time, date and weather. You can also choose from 24 different transition styles between images.

+ Fonts
+ Colours
+ Logos
+ Backgrounds

Action Buttons

Create buttons to activate a host of actions including jumping to another page, launching a full screen webpage, launching a full screen Android application, or assigning a 'play' button for a video or image.



Screensavers

Create a non-interactive playlist and set it to display after a given period of screen inactivity. You can even schedule separate screensavers to play during different periods.

Integrate Interactive Webpages

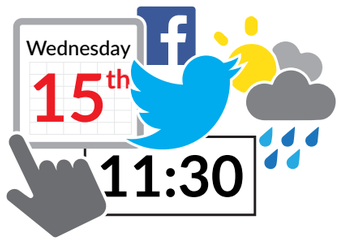
The possibilities of interactivity are endless by adding webpages to your layouts. Incorporate existing websites to add data capture forms or e-commerce platforms so that in-store purchases can be made.

Image/Video Galleries

Create image and video slideshows that automatically rotate or interactive galleries for your media.

Widgets

Alongside your media zones you can display the local time and date, various styles of weather forecasts, any interactive social media feed and even live traffic updates.



Compatible Products

Our versatile and user-friendly Touch Content Management System is available on a wide range of touch screens, providing an integrated all-in-one solution, as well as media players so that existing touch screens can be updated and managed using the same software.

PCAP Touch Screens with Dual OS pg 67
PCAP Touch Screens Mirror with Dual OS pg 67
PCAP Touch Screens Kiosk with Dual OS pg 71
Infrared Freestanding Touch Screens with Dual OS pg 75
POS PCAP Touch Screens pg 83
Cloud Network Media Players pg 111