

BRINGING IDEAS TO LIFE

Our approach to delivering a digital signage solution to your **automotive** environment.





DIGITAL SIGNAGE INCREASES RETAIL SALES

200%

INCREASE AUDIENCE RETENTION RATE

63%

MORE PEOPLE SAY THAT DIGITAL SIGNAGE CATCHES THEIR EYE

30%

INCREASE SALES WHEN USING DIGITAL SIGNAGE

26%

INCREASE FOOTFALL DUE TO DIGITAL SIGNAGE INSTALLATIONS AT RETAIL STORES

60%

BUYING DECISIONS ARE MADE AT POINT OF SALE



“

Digital signage in automotive showrooms creates that modern tech-savvy environment which is appealing to the modern customer who is used to internet, smartphones and rich content; even vehicles are beefing up their new models with internet-enabled cars.

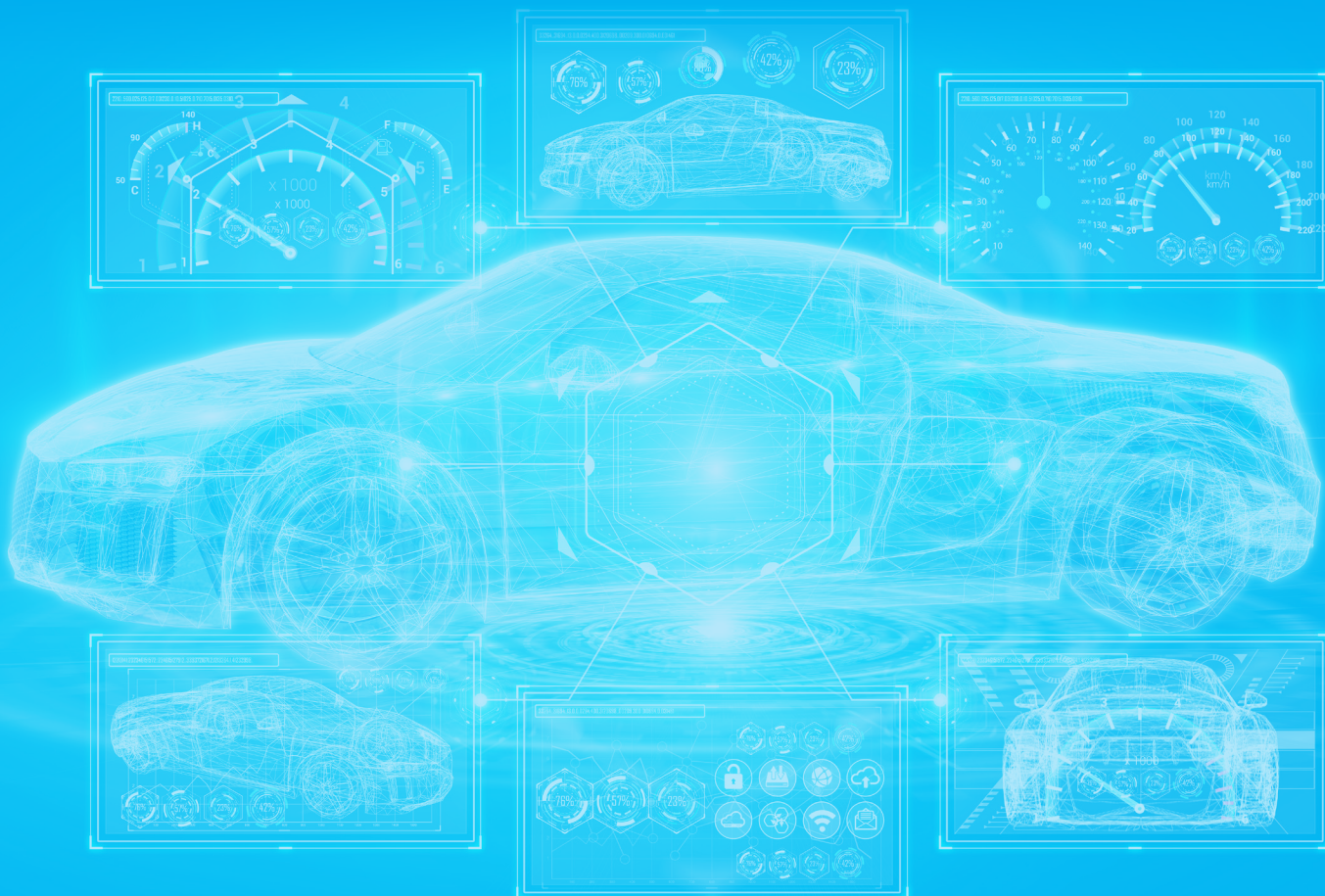
Make your showroom stand out with stunning video wall arrays, interactive touch screen vehicle configurators or websites detailing your entire inventory.

”

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OVERVIEW



- OVERVIEW -

A digital signage solution to fulfil current and future requirements as outlined below:

- To enhance the customer shopping experience with visually stimulating signage which will increase engagement
- To utilise data capture and feedback to drive future marketing strategies
- Replace printed posters with profitable advertising space
- Display engaging content to showcase products and special offers
- Content Management System (CMS) to give autonomy from a central location to manage multiple remote screens ensuring consistency of brand and messaging
- To support enhanced technical applications planned for the future

- INDUSTRY STATISTICS FOR RETAILERS USING DIGITAL SIGNAGE -

- 26% rise in footfall where digital signage is deployed
- Digital Signage adds an upswing in overall sales volume by 31.8%
- 8/10 customers have entered a store because of a digital sign catching their interest
- Over 40% of shoppers say that digital displays can change what they buy because relevant information is served close to the point of purchase.
- 19% of viewers made an unplanned purchase of something promoted digitally in a retail setting
- If given a choice, 42% of retail video viewers would prefer to shop at stores that have video displays
- Digital Signage reduces perceived waiting times at checkout by as much as 35%
- 29% of customers find digital menus influential for purchase of product
- Digital media in public venues reaches more customers than videos on the Internet or Facebook.
- 4 out of 5 brands noticed a 33% increase in sales after adopting digital signage

-PRODUCT RANGE-

HARDWARE

At Media Group we offer an extensive range of digital screen hardware, allowing us to provide the right solution for the right retail outlet. Only when we have factored the store position, sunlight direction, window size and shop interior will we make a recommendation for the most suitable display.

From our UK logistics facility, screens can be dispatched within 72 hours of order. Quantities of 50+ would be subject to approximately a 60 day lead time.

Units that meet your current brief include:

POS SCREENS

- Tablet style aesthetics
- Plug and play USB media player
- Power-over-Ethernet
- RS-232 remote control
- Commercial grade; designed for constant use 24/7

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ANDROID ADVERTISING SCREEN

- Tablet style aesthetics
- Plug and play USB media player
- Use in portrait or landscape (wall-mounted)
- Commercial grade; designed for constant use 24/7

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HIGH-BRIGHTNESS & ULTRA HIGH-BRIGHTNESS ADVERTISING SCREEN

- Ultra high brightness panel (2,500 cd/m²) or high brightness panel (1500cd/ m²)
- Direct sunlight; resistant to blackening up to 110°C
- Temperature control system
- Plug and Play USB media player
- Use in portrait or landscape
- Commercial grade; designed for constant use 24/7

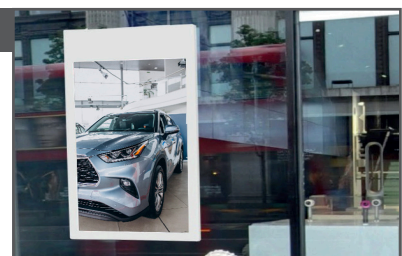
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HANGING DOUBLE SIDED DISPLAY

- 700 cd/m²
- Direct sunlight; resistant to blackening up to 110°C
- Double sided (option of displaying different content to each side)
- Integrated hanging system
- Wide viewing angle

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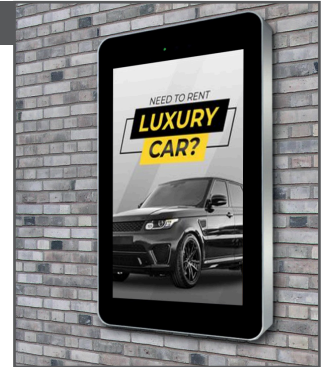


-PRODUCT RANGE-

OUTDOOR DISPLAYS

- IP65 Rated - water and dust proof
- Sunlight readable - high brightness
- Vandal proof
- Smart air conditioning system
- Anti-reflective glass
- Plug and play USB media player
- Network upgradeable
- Lockable cabinet

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LCD SCREEN VIDEO WALL

- Built-in Android Network Media Player
- 1 Year Free Software Licence
- Commercial grade; designed for constant use 24/7
- Use in landscape or portrait
- Brightness of 450 cd/m²

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BATTERY OPERATED DIGITAL A-BOARD

- 12 hour battery life
- Fully portable
- Integrated castors,
- Ambient light sensor,
- Tempered glass front

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Please refer to product specifications included for a complete product range.
Hardware is subject to a full 3 year warranty and life-time technical support.

“
40%
OF SHOPPERS

say that digital displays
can change what they buy
because all of the relevant
information is served close
to the point of purchase...

”

- TRAINING -

At Media Group, we supply solutions, not just products, which is why we offer a free tailored training programme at our custom built showroom, to ensure users are fully confident in creation and deployment.

Additional support includes:

- An integrated support section with comprehensive tutorial videos and how to guides can be found at: <http://www.mysignageportal.com/support.html>
- Free life-time technical support is included via telephone or email, provided by the manufacturer

Onsite training can be arranged and has a 2 tier level of service:

- Basic system overview including: template and playlist creation, multi-zone layouts, publishing, scheduling and device management. £250.00 per day + mileage at UK standard rates
- Full system overview with in-depth training on all aspects of the CMS including: organisational management, grouping, user management and 'touch' where applicable



Home

Features

Support

Login

Training

Free Technical Support

Learning how to use My Signage Portal is easy. With a user friendly interface our aim is to make My Signage Portal accessible to everyone. To do this we provide FREE technical support. We do offer a number of free tools however to help you get started. Our [Video Guide](#) and [FAQ](#) should provide you with everything you need to teach yourself how to use the software as well as [downloading User Manuals](#) for both the software and compatible My Signage Portal players/screens. If you are still unsure of what to do you can [request free technical support](#) from our UK based technical support team.



Video Tutorials



FAQ



Documentation/
Downloads



Request Support

Bespoke Training Packages

To get the most out of My Signage Portal we are able to offer a specialised training sessions with one of our trained support technicians. These can be delivered remotely FREE of charge or onsite and can help you get the most out of My Signage Portal and achieve your goals no matter how simple or complex your requirements.

To enquire about one of these training sessions please complete the form below.

-INSTALLATION-

Our experienced and approved fitting crews are based in the Midlands, North and South and are managed by the principal contractor who has overall responsibility for the installation.

Installations include:

- Mechanical fixing of all bracketry and hanging systems
- Installation of hardware
- Screen connection to the site network and CMS portal

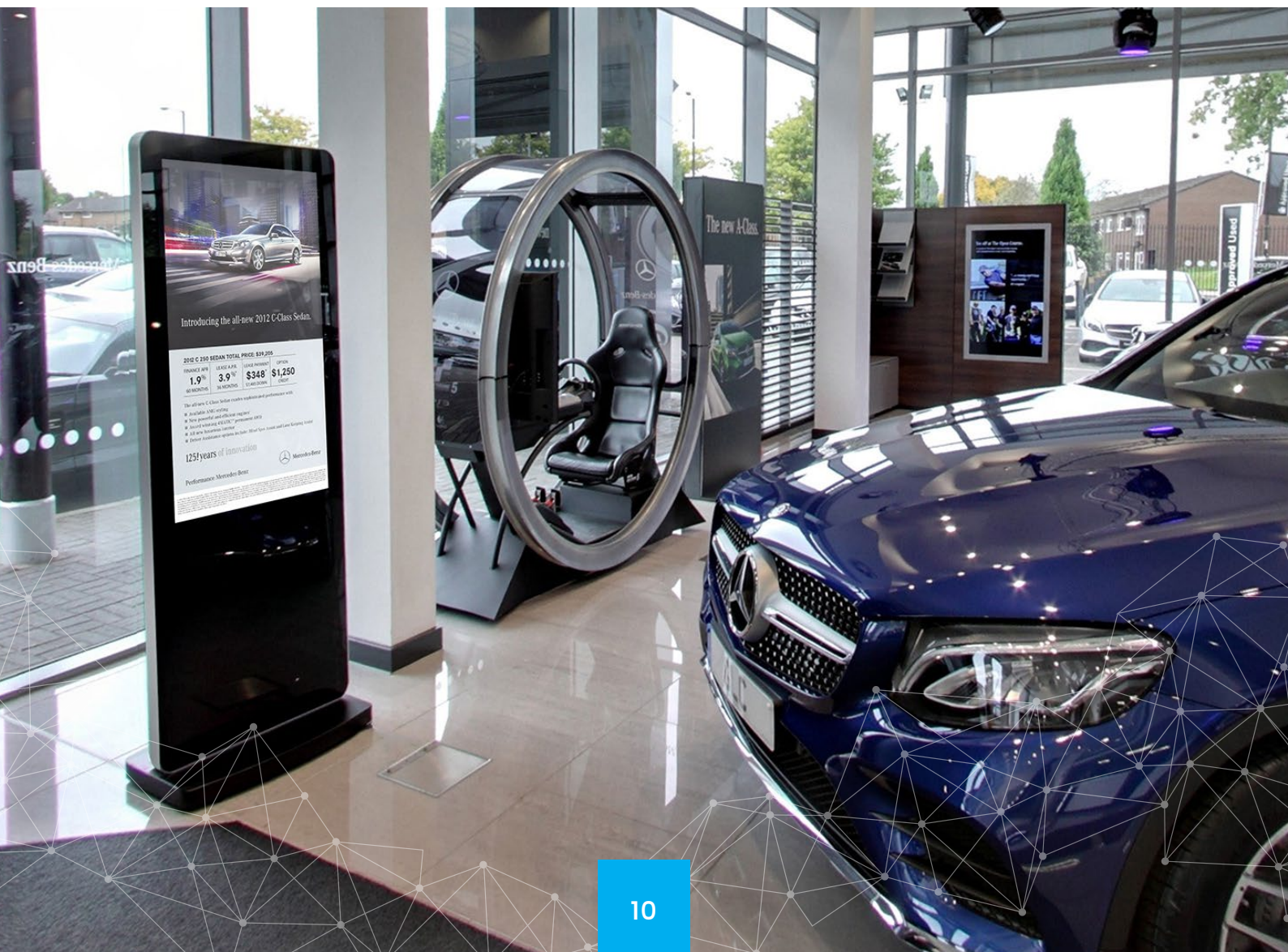
Agreed content will be published to screens once we are notified of works completion.

Please note: Deployment is subject to the final agreed proposal and site survey results. For multi-screen installations or short deadlines additional crews may be required.

Our installations teams also have specialist capability in electrical and data cabling.

HEALTH AND SAFETY

A comprehensive set of Risk Assessments and Method Statements (RAMS) will be completed for each site including relevant certificates and insurances. ALL MEDIA GROUP FITTING CREWS ARE FULLY BRIEFED PRIOR TO INSTALLATION. Samples are available on request



-WARRANTY (UK MAINLAND)-

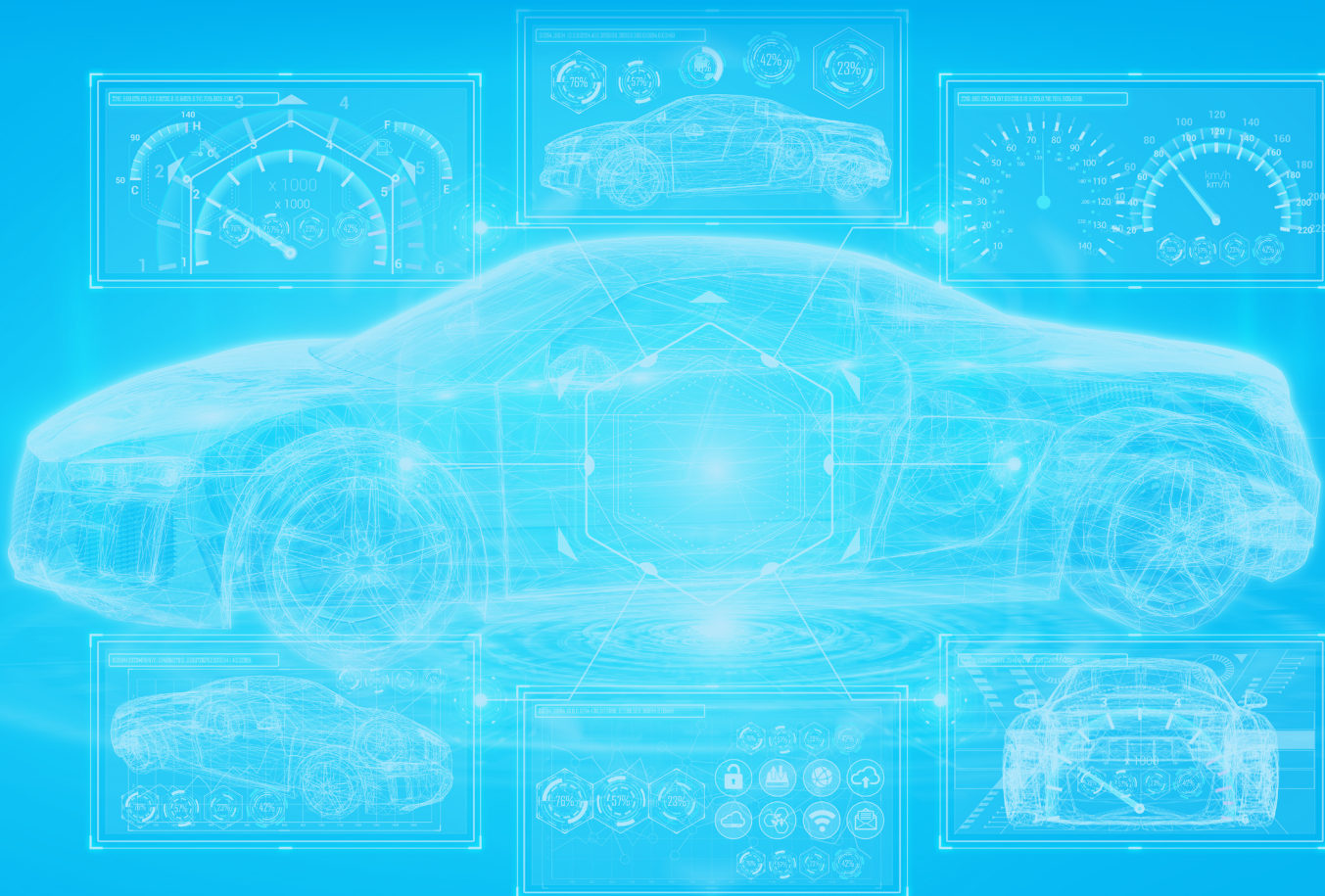
- Covers hardware failure but excludes accidental damage or user error
- 14 day returns policy
- Free lifetime telephone support
- Any suspected hardware failure should be reported to us first
- We will then provide telephone technical support to determine hardware failure; hardware failure must be confirmed by us
- Standard 3 year warranty (for all listed products purchased after 18/01/2016)
- All screen sizes up to and including 55" are covered by a swap-out or collect and return service. Once hardware failure has been determined by us over the phone the screen should be repackaged using the original packaging
- At this point we, at our discretion, will either:
 - Arrange for collection of the faulty screen by a courier service, then once the screen is back with us it will either be repaired or replaced with a new unit
 - or
 - A replacement screen will be sent out and a courier service will be used to collect the faulty screen
- All deliveries and collections will be at the cost of us
- If the screen is not packaged correctly no liability will be taken by us if the product is damaged during transit
- If the screen is returned in full working order no liability will be taken by us and any costs incurred will be passed on to the customer

UK MAINLAND ONLY:

Screens sizes above and exclusive of 55" and freestanding (L-series) products are covered by an on-site service. Once hardware failure has been determined by us over the phone we will arrange for technician(s) to make an on-site visit to repair or replace the faulty screen.

- The screen(s) must be in a location accessible to our technician(s) and in no circumstances would our staff be expected to remove screens or disassemble non-standard installations or constructions or be expected to work above ground level
 - Where no genuine hardware failure has occurred a call out charge of at least £150 (+VAT) is payable for each visit
 - For customised or out of stock items the turnaround period is dependent upon factors such as, but not limited to, availability, production and shipping
-

CONTENT MANAGEMENT SYSTEM



-CONTENT MANAGEMENT SYSTEM [CMS]-

Our cloud based digital CMS offers users flexible access to the portal. Campaign creation, edits and deployment can be made from anywhere that has an internet connection. And the simplicity of the software means that only minimal IT support is required.

The user friendly interface enables quick and easy publishing of content to 1 or 500+ screens.

Features include:

- Rapid publishing
- Multi-zone layouts
- Screen synchronization
- Custom backgrounds and fonts
- Remote commands
- User management
- Reporting
- Scrolling text/RSS feeds
- Live webpage input
- Touch playlist creation

More information at www.mysignageportal.com

OVERVIEW

BACKGROUNDS

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

Static Text

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

WEBPAGES

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

IMAGES

Multiple images playing in a continuous rolling loop.

VIDEOS

Multiple videos playing in a continuous rolling loop.

LOGO

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

DATE

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



OFFICE DOCUMENTS & PDFs

Display PDF files alongside Microsoft Word, Excel and PowerPoint files.

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.

TIME

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

BROADCAST LIVE TV (ONLY COMPATIBLE WITH PPCNET-LIVE)

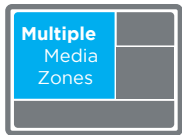
Transform existing screens into cloud based Digital Advertising Displays with a live television input. Simply connect a TV set-top box or desired input source into the media player via HDMI. Then connect the media player to a screen via HDMI and you can control everything via our CMS. It couldn't be simpler to integrate live TV with Digital Signage.

WEATHER WIDGET

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

FEATURES

CREATE CUSTOM LAYOUTS



This feature allows you to design your own layout with different media zones for your images, videos, webpages, time, date and also allows you to add a scrolling message or RSS feed. You can even give your layout a corporate “skin” to go around your media zones.

CONNECTIVITY



Connect your Android Network Screens to the internet wirelessly via Wi-Fi or via a Local Area Connection. If an internet connection is not available a 3G router can be incorporated into the screen, meaning that we can provide an integrated network solution for any location.

UPDATE FROM ANYWHERE



Content can be uploaded and managed from anywhere in the world via our web portal, simply login, upload your images and videos to our secure server and send them directly to your screens.

SCHEDULE PLAYLISTS



Display what you like, when you like. Create playlists that will automatically display your desired content a pre-determined times and dates. Whatever your scheduling requirements, our system can support them.

ULTIMATE REMOTE CONTROLS



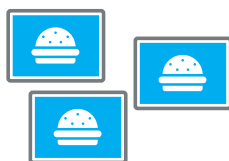
Thanks to the all-in-one nature of the screens you can remotely control functions such as adjusting your screen’s brightness, rebooting or formatting your screen, playing and stopping content, adjusting the volume and scheduling on/off times; a truly centralised solution.

MANAGE USERS



Create as many bespoke user accounts as you like. You may wish to limit some functions of the software to specific users, for example you may wish to allow a receptionist to upload media and have access to the screen in the reception area but nothing else - our system allows full user rights control.

MULTI SCREEN SYNCHRONISATION



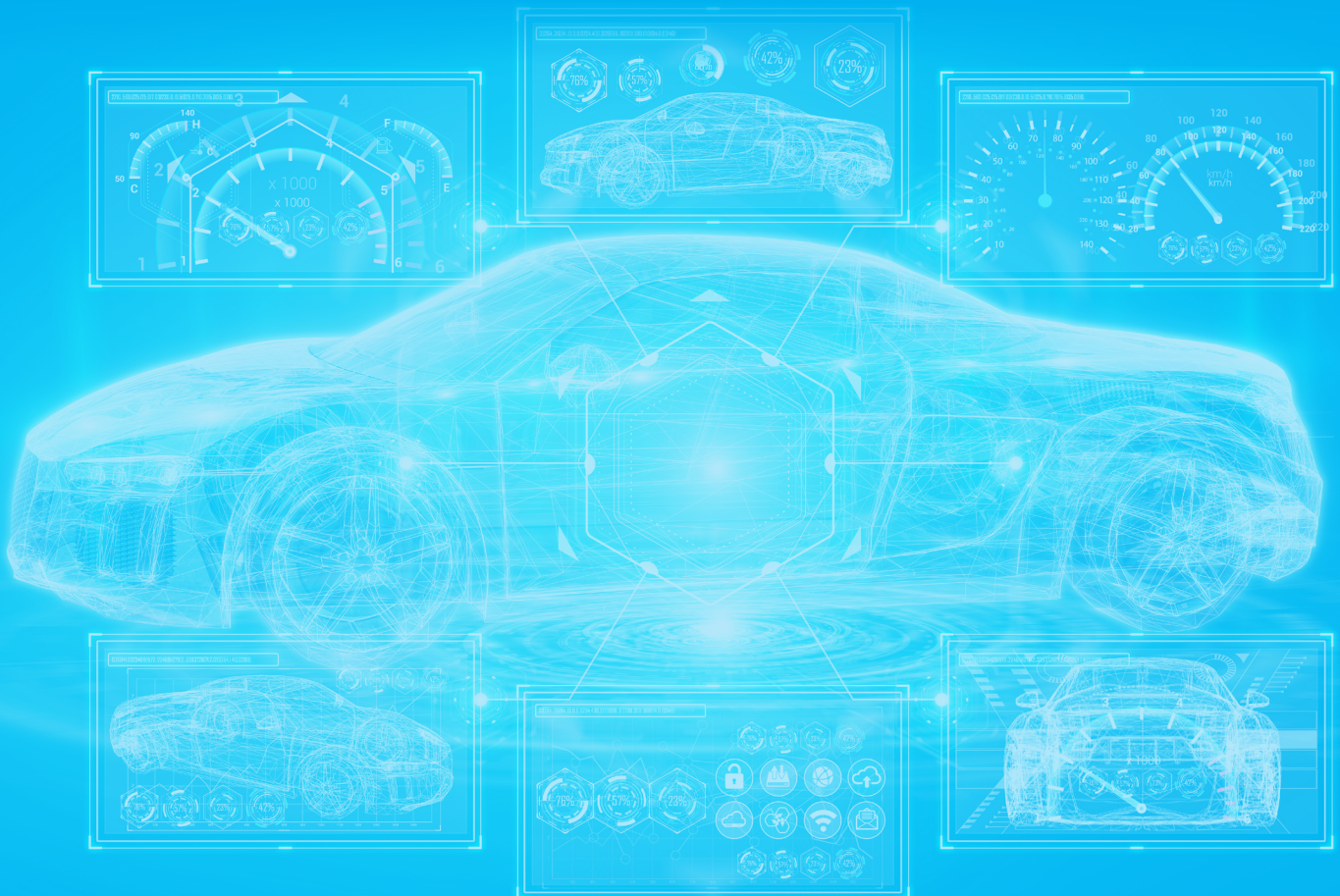
You can synchronise the content across multiple screens that are connected to the same network. This is ideal for advertising networks on escalators or along lengthy corridors.

RSS FEEDS



Display your RSS feed in the form of a scrolling text message. This can be anything from up-to-date news and weather to the latest movie reviews and currency exchange rates.

HARDWARE & TECHNICAL SPECIFICATIONS





POS SCREENS TECHNICAL SPECIFICATION

OVERVIEW

Integrated Android Media Player

The integrated Android Media Player allows for super fast updates. If required you can also run third party Digital Signage software via the Android PC board.



Commercial Grade Tablet

Designed for use in commercial applications this screen can run 24/7. Strengthened glass front and no external buttons or controls to avoid tampering.

Built in Wi-Fi

Connect the screen to the CMS wirelessly via the integrated Wi-Fi, ethernet or by LAN

10-Point PCAP Touch Technology

Using the most responsive and sensitive commercial touch technology available. Not affected by dust or debris on the screen surface.

Plug and Play

Plug and Play is the easiest and most simple 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

LED Backlight

Improves brightness and contrast as well as improving their lifespan and reducing their power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly. The panel and backlight have a lifespan in excess of 50,000 hours.



Portrait/Landscape Orientation

The screen can be used in either a landscape or portrait orientation depending on your requirements

Integrated Mounting Solution

The rear of the display includes an integrated and secure screw based mounting solution.

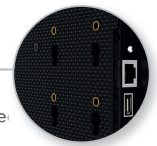
Power Over Ethernet

Power the screen using an Ethernet cable or the power cable provided.



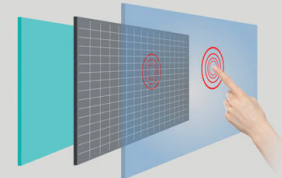
RS-232 Control

Control, scale and customise your display over long and short distances using RS-232,



PCAP TOUCH SCREEN

State of the art Projected Capacitive interactive technology offers the most responsive and sensitive touch experience available. Designed for commercial applications, PCAP touch technology works by fixing a sensor grid between a layer of cover glass and the LCD panel, when a finger touches the glass the grid detects the coordinates of the touch point. Unlike other touch technologies PCAP is not affected by dust or debris on the screen surface, allows for up to 10 touch points and offers superior optical quality.



POWER OVER ETHERNET

Your screen can either be powered using the power cable provided or by using an Ethernet cable. This makes the display extremely flexible, allowing you to supply power to the screen using the more convenient of the two methods.



RS-232 CONTROL

Once your screen is connected via RS-232 you can control, scale and customise your display remotely over short and long distances.



COMMERCIAL TABLET

Ideal for use in commercial applications these touch screens bring in a whole new level of audience engagement to your marketing campaigns. Unlike domestic touch tablets these screens can be in continuous use, thanks to their screwless design and enclosure made from light weight polymer these screens are ideal for shelf edge and POS displays. The screen comes with an integrated Android media player that means you can display content without the need for a dedicated PC.



FEATURES

10 POINT TOUCH



Having up to 10 touch points allows for a wider variety of applications than ever before. This kind of functionality allows you to manipulate images, zoom in and 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.

LED BACKLIGHT



The LED backlight used is not only eco-friendly but also ensures the display has enhanced brightness and contrast. This technology increases the lifespan and reduces the power consumption by around 30%. This form of light technology is mercury free; safeguarding this screen's eco friendliness.

24/7 USAGE



Built with commercial grade panel and components these displays are designed to run 24/7 in constant use; unlike domestic tablets. The panel also has a lifespan of over 50,000 hours of continuous use. They can also be used in landscape or portrait orientation.

ANDROID MEDIA PLAYER



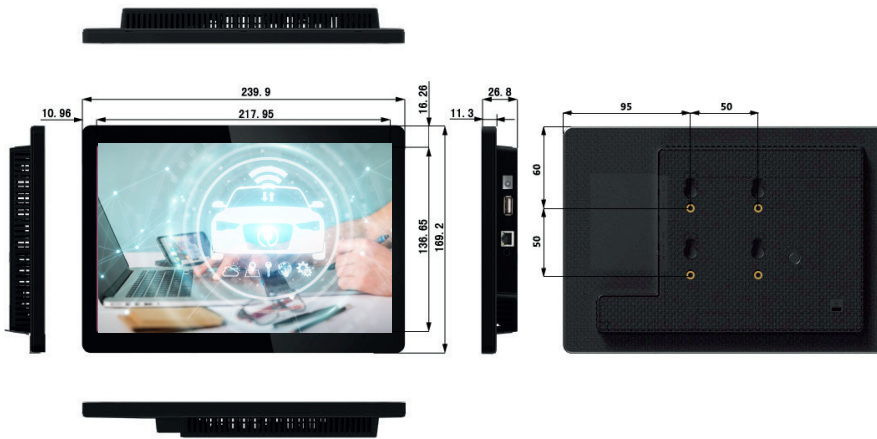
Their integrated Android network media player provides super-fast processing speed for improved communication with the CMS. It also allows you to display live websites; this can be anything from a live web feed from a third party to your social media page. Should you need to you can also run your own software if you already have a CMS solution.

POWER TIMER



This allows for reduced power usage by automatically powering off in hours that the displays are not required. You can set daily On/Off times for your displays.

TECHNICAL SPECIFICATION



Panel	Display Size	10 inch	
	Resolution	1280x800	
	Display Area (mm)	217.95x136.65	
	Aspect Ratio	16:10	
	Brightness (cd/m ²)	450	
	Colour	16.7M	
	Colour Depth	10 Bit	
	Viewing Angle	178°	
	Contrast Ratio	800:1	
Touch	Touch Technology	Projected Capacitive	
	Touch Points	10	
	Glass Hardness	7H minimum	
Audio	Speaker Type	1.5W, 8Ω	
Power	Power Consumption (W)	18	
	Input Voltage	AC110~240V (50Hz~60Hz)	
	PoE Mode	24V Passive	
Mechanical	Unit Size (WxHxD mm)	239.9x169.2x26.8	
	VESA Holes (mm)	50x50	
	Package Size (WxHxD mm)	333x278x75	
	Net Weight (kg)	1.5	
	Gross Weight (kg)	2.2	
	Working Temperature	0 °C to 50 °C	
Feature	Internal Media Player	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-A7 , up to 1.3GHz (RK3126)
		GPU	ARM Mali-400MP2
		RAM	1GB DDR3
		ROM	6GB NAND
		USB	USB2.0 HOST x1
		Wi-Fi	802.11b/g/n
		OS	Android 5.0.2
		Graphic Engine	OpenGL ES 1.1/2.0
Accessories	Optional	Cloud Network Software	



ANDROID DISPLAYS TECHNICAL SPECIFICATION

OVERVIEW

Integrated Android Media Player
The integrated Android Media Player allows for super fast updates. If required you can also run third party Digital Signage software via the Android PC board.

Commercial Grade
Designed for use in commercial applications this screen can run 24/7. No external buttons or controls to avoid tampering.

Lockable Door
Secure access to the AV ports and USB ports to prevent any unwanted updates.

Plug and Play

Plug and Play is the easiest and most simple 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.



LED Backlight

Improves brightness and contrast as well as improving their lifespan and reducing their power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly. The panel and backlight have a lifespan in excess of 50,000 hours.

Giant Tablet Styling

Designed to resemble a giant smartphone or tablet. The sleek and sexy look is achieved with a striking aluminium surround and stunning IPX1 rated edge-to-edge glass.

Portrait/Landscape Orientation

The screen can be used in either a landscape or portrait orientation depending on your requirement.

Free Wall Mount

The screen comes with a super-slim wall mount that allows the screen to be securely mounted in either landscape or portrait orientation.

Attach Devices

If you want to use the screen as a monitor you can attach devices via HDMI and VGA.



Network Upgrade

The screen can be upgraded to become a network screen that unlocks a host of new features including remote updates and multiple media zones.

IPS Panel

With 450cd/m² the IPS panel shines brighter than any domestic television while delivering superior image quality and colour depth at 178° ultra wide viewing angle in both landscape and portrait orientations.



(Excludes 19" & 22" model)



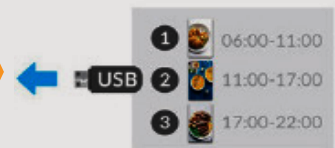
PLUG AND PLAY

These displays have their own built in HD Android media player and require no additional hardware or software. Load your pictures and videos onto a USB stick, open the screen's locker door and insert the USB stick, this copies the files to the screen's internal memory. Once you remove the USB stick your pictures and videos will play in a continuous loop. It couldn't be simpler to get your content onto the screen.



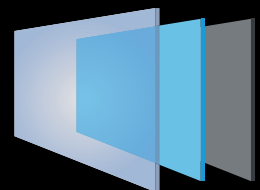
FREE SCHEDULING SOFTWARE

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.



IPS PANEL

Accurately displays an image's quality and colour depth at an 178° ultra wide viewing angle. There is no fall-off in colour accuracy and no diversion in contrast ratio at wide angles. From bright sunlight to the most challenging lighting environments these displays are designed to reproduce and maintain the ultimate colour temperature for lifelike images. The panel is also optimised for mounting in either landscape or portrait orientation.



24/7 COMMERCIAL USE

A commercial grade panel, with a lifespan of 50,000 hours, and high quality components ensure that this display can be in constant use 24/7. Tablet-like styling is achieved thanks to their tempered glass front and robust steel enclosure, framed in an unpainted aluminium surround, unlike cheap imitations.



FEATURES

Free Wall Mount



A Wall mount is included with your screen at no extra cost, making sure you have a complete signage solution. Small sized screens come with a secure mounting plate that allows for landscape or vertical mounting. The larger size displays come with a free landscape wall mount but can also be mounted in portrait using a vertical wall mount.

Android Media Player



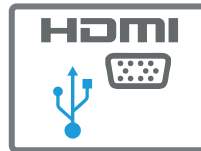
These screens are more easily updatable and faster than ever before. The Android PC board makes it easy to upgrade your screen to be networked. The Android Media Player also allows you to run 3rd party Digital Signage software.

Power Timer



This allows for reduced power usage by automatically powering off in hours that the displays are not required. You can set daily On/Off times for your displays.

Attach External Devices



Although the screens have an integrated Android Media Player, there is also a possibility to attach external devices if required. Simply connect your device to the screen, via VGA or HDMI.

LED Backlight

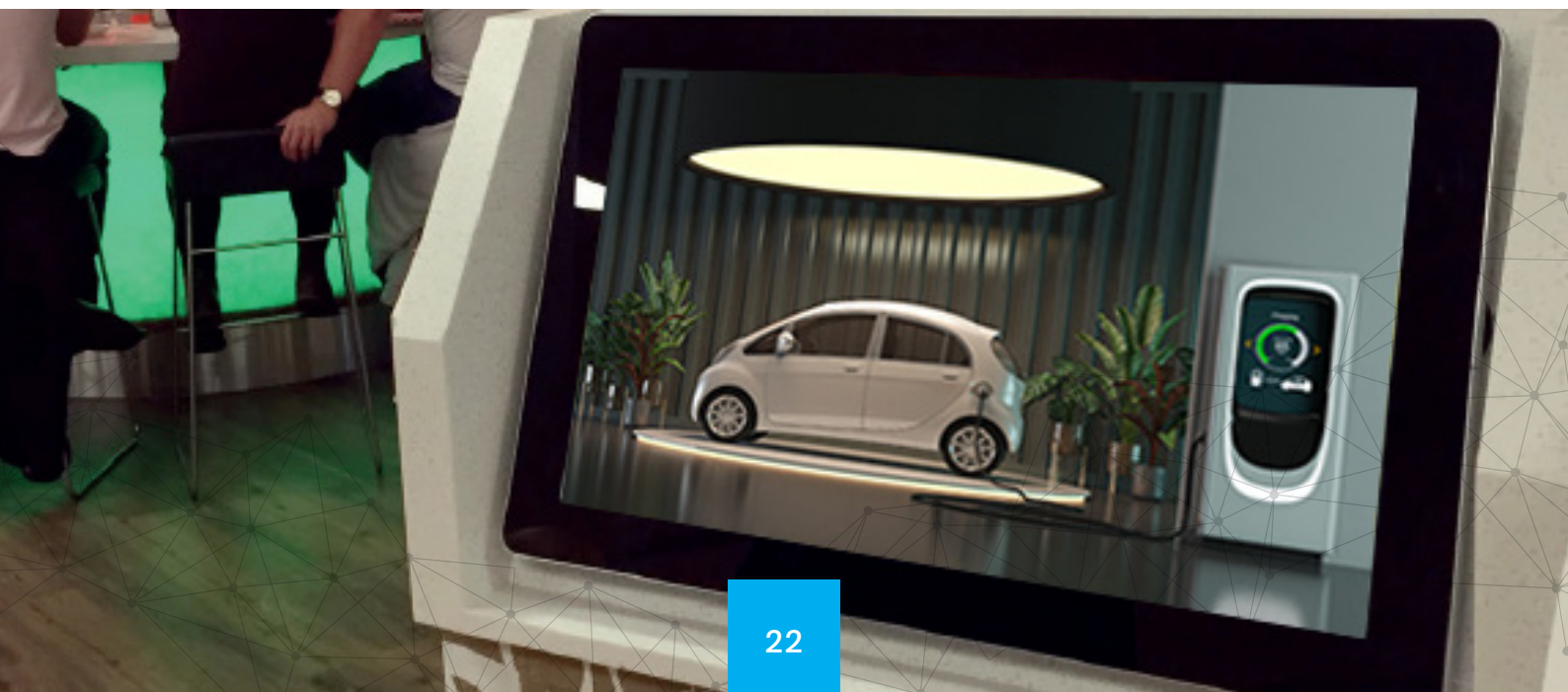


The LED backlight used is not only eco-friendly but also ensures the display has enhanced brightness and contrast. This technology increases the lifespan and reduces the power consumption by around 30%. This form of light technology is mercury free; safeguarding this screen's eco friendliness.

Network Upgrade



For a small charge you can also upgrade your screen to be networked, allowing you to remotely update your screen via LAN, WiFi or 3G.



TECHNICAL SPECIFICATION

	Display Size	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/m ²)	450						
	Colour	16.7M						
	Viewing Angle	178°						
	Contrast Ratio	5000:1						
	Audio	Speaker Type	2W, 5Ω (x2)		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)	501x322x36	590x383x33.7	814x504x63	1045x638x63	1199x736x44	1366x837x50.1	
	Package Size (WxHxD mm)	580x430x120	655x485x120	956x605x164	1175x775x165	1357x867x176	1525x1016x214	
	VESA Holes (mm)	100x100 150x100	100x100	400x200	400x400			
	Net Weight (kg)	5.9	8.5	13.1	22.8	28.05	39.7	
	Gross Weight (kg)	7.8	10.3	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	Internal Media Player	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	Duel-Core Cortex-A9 @1.6GHz					
		GPU	Mali-400 MP4 @400MHz					
		RAM	1GB DDR3					
		ROM	8GB NAND					
		USB	USB2.0 HOST (x2)					
		LAN	10/100M Ethernet (Network version screen only)					
		Wi-Fi	802.11b/g/n (Network version screen only)					
		OS	Android 4.2.2					
		Graphic Engine	OpenGL ES 1.1/2.0, OpenVG 1.1					
Accessories	Included	Wall Mount, Scheduling Software, Remote Control, Key, User Manual						
	Optional	Network Upgrade, Touch Screen Upgrade, Special Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand						

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EXPO / COLLECTORS

**JAPANESE
STYLE** FROM KYOTO

20
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£25
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**ULTRA HIGH-BRIGHTNESS
ADVERTISING SCREEN
TECHNICAL SPECIFICATION**

OVERVIEW

Integrated Android Media Player

The integrated Android Media Player allows for super fast updates. If required you can also run third party Digital Signage software via the Android PC board.



Commercial Grade

Designed for use in commercial applications this screen can run 24/7. No external buttons or controls to avoid tampering.

Attach Devices

If you want to use the screen as a monitor you can attach devices via HDMI and VGA.



High Brightness Panel

1500cd/m² makes sure this display will always be seen whatever the weather. Over 5 times brighter than that of a standard domestic television to improve the displays image clarity.

*47" is 2000cd/m²

LED Backlight

Improves brightness and contrast as well as improving their lifespan and reducing their power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly. The panel and backlight have a lifespan in excess of 50,000 hours.

Plug and Play

Plug and Play is the easiest and most simple 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

Portrait/Landscape Orientation

The screen can be used in either a landscape or portrait orientation depending on your requirement.

Advanced Temperature Control

Designed to run 24/7 in constant use the display has an advanced temperature control system to keep it running at the optimum temperature no matter the environment.

Network Upgrade

The screen can be upgraded to become a network screen that unlocks a host of new features including remote updates and multiple media zones.

RS-232 Control

Once your screens are connected via RS-232 you can control, scale and customise all of your displays remotely over short and long distances.



WINDOW DISPLAYS

Brightness is paramount when using outward facing screens, these displays use commercial grade Ultra High Brightness panels (1500 cd/m²); more than 5 times brighter than a standard home TV to allow easy readability in window displays.

*47" is 2000cd/m²



PLUG AND PLAY

The High Brightness Professional Monitors come with a built in HD Android media player, allowing you to update them using a USB memory stick. Load your pictures and videos onto a USB memory stick then insert it into the display, which will copy the files into its internal flash memory. Once you remove the memory stick the screen will then start playing the pictures and videos in a continuous loop. They can also be updated remotely by upgrading your screen to be networked.



TEMPERATURE CONTROL

The internal air-conditioning system allows the screens to be in constant use in an outward facing window. Internal fans keep their panels and other internal components at the optimum working temperature; ensuring a long and reliable life for your screens.



FEATURES

Environmentally Friendly Power Timer



This allows for reduced power usage by automatically powering off in hours that the displays are not required. You can set daily On/Off times for your displays.

24/7 Usage



Built with commercial grade panel and components these displays are designed to run 24/7 in constant use; unlike domestic screens. The panel also has a lifespan of over 50,000 hours of continuous use. They can also be used in landscape or portrait orientation.

Built-in Speakers



The display has two integrated slimline speakers for applications that involve an audio element.

Optional Network Upgrade



For a small charge you can also upgrade your screen to be networked, allowing you to remotely update your screen via LAN, WiFi or 3G.



TECHNICAL SPECIFICATION

	Display Size	32 Inch	43 Inch	47 Inch	55 Inch	65 Inch	
Panel	Resolution	1920x1080					
	Display Area (mm)	698.4x392.85	941.18x529.42	1044x589	1210.8x683	1428.5x803.5	
	Aspect Ratio	16:9					
	Brightness (cd/m ²)	1500		2000	1500		
	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)	762x458x78.5	987.2x575.1x57.2	1103.2x647.6x112	1275.6x746.4x101.8	1539x908.4x107	
	VESA Holes (mm)	400x200	400x400	600x400	400x400 400x500	600x400	
	Net Weight (kg)	15.2	24.5	27.75	38.75	63.25	
	Gross Weight (kg)	18.25	27.1	32.5	46.45	74.25	
	Package Size (WxHxD mm)	905x604x234	1075x650x170	1245x785x260	1430x898x260	1720x1100x321	
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	Internal Media Player	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	Dual-Core Cortex-A9 @1.6GHz				
		GPU	Mali-400 MP4 @400MHz				
		RAM	1GB DDR3				
		ROM	8GB NAND				
		USB	USB2.0 HOST (x2)				
		LAN	10/100M Ethernet (Network version screen only)				
		Wi-Fi	802.11b/g/n (Network version screen only)				
		OS	Android 4.2.2				
		Graphic Engine	OpenGL ES 1.1/2.0, OpenVG 1.1				
		Special Features	Images, Videos, Audio, Scrolling Text Message, On/Off Timer, On Screen Clock, Media Rotation				
Accessories	Included	Wall Mount, Scheduling Software, Remote Control, Key, User Manual					
	Optional	Network Upgrade, Touch Screen Upgrade, Special Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand					

Errors and omissions excepted



HANGING DOUBLE SIDED DISPLAY TECHNICAL SPECIFICATION

FEATURES

43" 55"

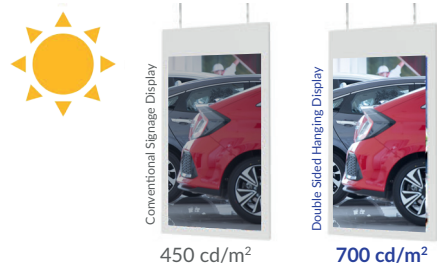
Double Sided Window Display

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.



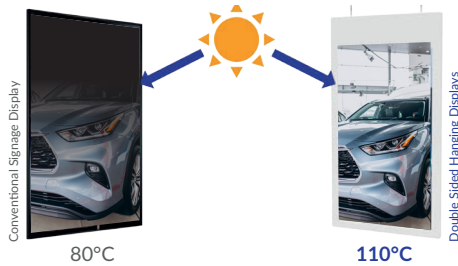
Window Displays (700cd/m²)

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.



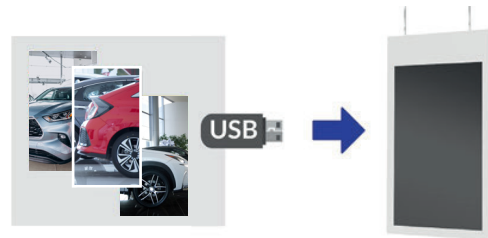
Ultra Resistant Blackening Defect (up to 110°C)

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 on 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; a true commercial grade solution.



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.

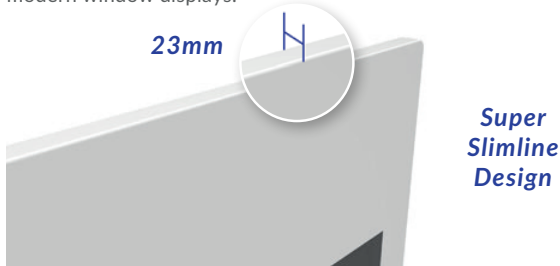


FEATURES

43" 55"

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.



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.



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 Speakers

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



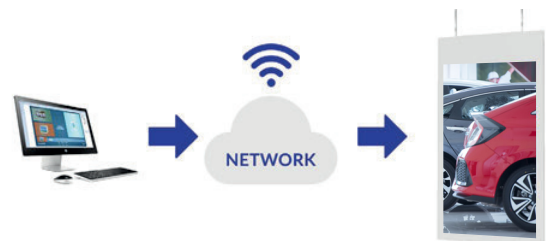
Integrated Ceiling Mount

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.



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.





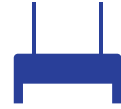
DOUBLE SIDED DISPLAY



24/7 COMMERCIAL GRADE



INTEGRATED ANDROID
MEDIA PLAYER

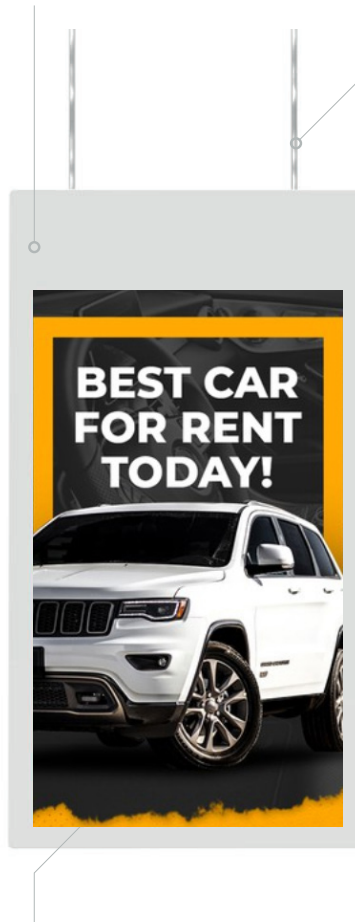


CEILING MOUNT



IPS PANEL

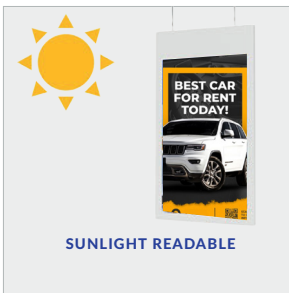
PLUG AND PLAY



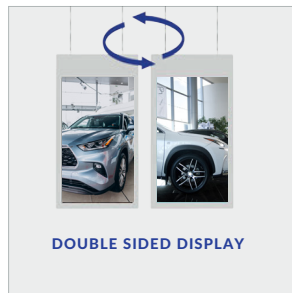
LED BACKLIGHT

OPTIONAL NETWORK UPGRADE

IPS



SUNLIGHT READABLE

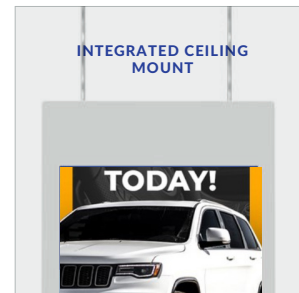


DOUBLE SIDED DISPLAY



SUPER SLIM DESIGN

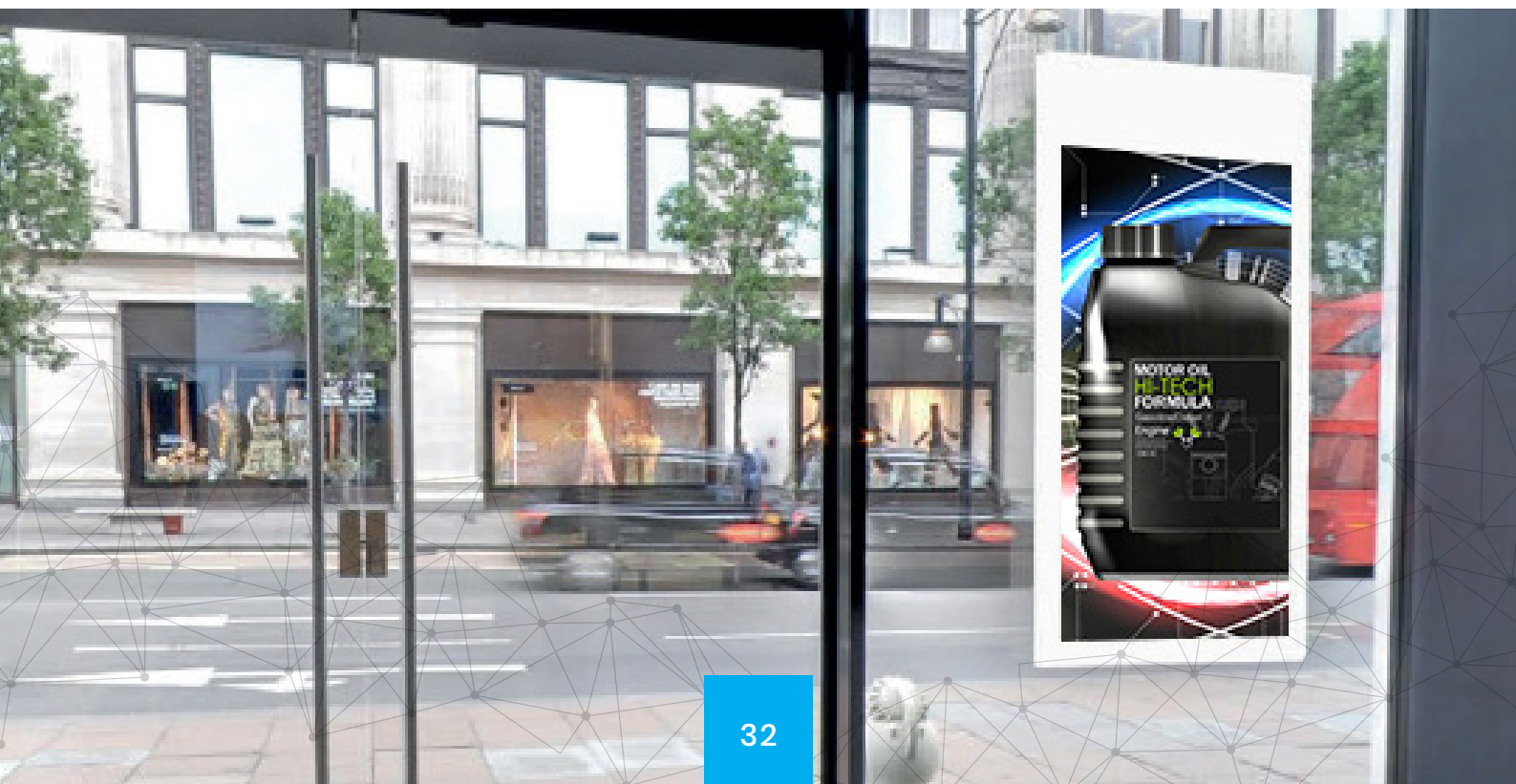
23mm



INTEGRATED CEILING
MOUNT

TECHNICAL SPECIFICATION

	Display Size	43 Inch	55 Inch
Panel	Resolution	1920x1080	
	Display Areas (mm)	943x536	1209.6x680.4
	Aspect Ratio	16:9	
	Side A Brightness (cd/m ²)	700	
	Side B Brightness (cd/m ²)	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)	1178x635x23	1574x823x23
	Package Size (WxHxD mm)	1238x695x81	1870x1080x240
	Footprint (WxH mm)	747x400	813x400
	Net Weight (kg)	18	38
	Gross Weight (kg)	22	48
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	
	Accessories	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Included		Scheduling Software, Remote Control, Key, User Manual	
Optional		Network Upgrade, Touch Screen Version	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	





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**OUTDOOR DISPLAYS
TECHNICAL SPECIFICATION**

OVERVIEW

Modifications

The screens can be upgraded in various ways including the addition of network features, a camera, more screen sizes or even touch functionality.

Ultra High Brightness Panel

2500cd/m² makes sure this display will always be seen whatever the weather. Over 5 times brighter than that of a standard domestic television to improve the displays image clarity.

*22" Screen is 2000cd/m²

Lockable Wall Mount

The screen comes with a wall mount that allows the screen to be securely placed in either landscape or portrait orientation.



Weather Proof IP65 Rating

An IP65 Rating means the display is able to withstand all weather conditions; wet and dry and also features waterproof over molded AV connectors.

Ambient Light Sensor

The display has a light sensor that changes the screens brightness depending on the ambient light ensuring the most suitable brightness at any time.

Advanced Temperature Control

Designed to run 24/7 in constant use the display has an advanced temperature control system to keep it running at the optimum temperature no matter the environment.

Toughened Glass

Extra strong glass protects the screens internal components and adds an extra layer of security against vandals.

Sturdy Enclosure

Made from mild steel the enclosure is strong enough to protect the displays components from outside harm such as vandals.

Anti Reflective Glass

Diffuses direct sunlight making the display easily readable in bright weather.



Dust Tight

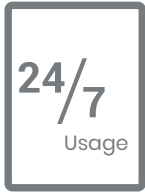
The screen has the highest intrusion protection rating possible meaning it is virtually impossible for dust to enter the enclosure.

Easy Updates

Update the screen via the simple 'plug and play' USB method. You can control the screen from anywhere in the world by upgrading to a Network version. This allows you to update the screen via the cloud.

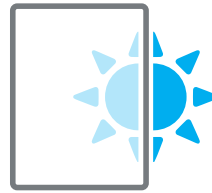
FEATURES

24/7 Usage



Built with commercial grade panel and components these displays are designed to run 24/7 in constant use; unlike domestic screens. The panel also has a lifespan of over 50,000 hours of continuous use.

Anti Reflective Glass



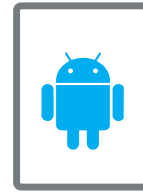
The glass frontage is also anti-reflective to help defuse direct sunlight shining on the display.

Easy Installation & Maintenance



These units are designed with installation and maintenance in mind. As well as having a cabling channel built into the base of the unit there are also special fitting holes to allow you to permanently fix your screen in position. There is also internal space within the unit to hide any additional hardware, such as a PC, with easy access in the form of a front panel door.

Integrated Media Player



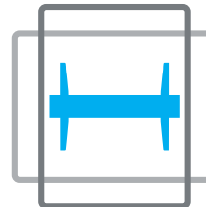
As well as having AV inputs, these displays also have a built-in HD media player allowing you to run content copied from a USB drive. Load your pictures and videos onto a USB memory stick then insert it into the display, the screen will then start playing the pictures and videos in a continuous loop. The displays can also be upgraded to be updated remotely via a cloud-based CMS.

Modifications Available



Whether your project calls for a touch screen, a double-sided display or even a bespoke screen size, we can meet your needs.

Complimentary Wall Mount



The display can be mounted in either landscape or portrait orientation, depending on the application. We also include a free wall mounting bracket that allows you to install your display in either landscape or portrait orientation and lock it in place.

SUNLIGHT READABLE

Brightness is paramount when using outdoor screens, these displays use commercial grade Ultra High Brightness panels (2500 cd/m²); more than 8 times brighter than a standard home TV to allow easy readability in direct sunlight. The display also has an ambient light sensor that will alter the screens brightness based on the displays surrounding light levels. This leaves the screen with the best clarity while also conserving energy.



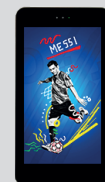
OUTDOOR ENCLOSURE

Designed with robust, corrosion protected casing to protect against the elements and the public. With an IP65 rating, it keeps out all airborne particles as well as being protected from any wet weather conditions and also feature waterproof over molded AV connectors. The enclosures are made from mild steel and have thermally toughened glass.



TEMPERATURE CONTROL

The internal air-conditioning system allows the screens to be in constant use in an outdoor environment. Internal fans keep the panel and other internal components at the optimum working temperature; ensuring a long and reliable life for your display.



TECHNICAL SPECIFICATION

		Outdoor Digital Advertising Displays					
Panel	Display Size	22 Inch	32 Inch	43 Inch	49 Inch	55 inch	65 inch
	Resolution	1080x1920					
	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/m ²)	2000	2500				
	Colour	1.06 Billion		16.7 M	1.06 Billion	1.073 G	1.06 B
	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
	VESA Holes (mm)	350x250	400x300	400x400 400x800	500x400 500x800	600x400 600x800	700x400 700x800
	Net Weight (kg)	20.05	35	52	74	76.5	95
	Gross Weight (kg)	23.5	49	78	95	94.9	120
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					
Feature	Internal Media Player	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)				
		Media Resolution	1080x1920				
		Internal Memory	6GB				
		CPU	Dual-Core Cortex-A9 @1.6GHz				
		GPU	Mali-400 MP4 @400MHz				
		RAM	1GB DDR3				
		ROM	8GB NAND				
		USB	USB2.0 HOST (x2)				
		LAN	10/100M Ethernet (Network version screen only)				
		Wi-Fi	802.11b/g/n (Network version screen only)				
		OS	Android 4.2.2				
		Graphic Engine	OpenGL ES 1.1/2.0, OpenVG 1.1				
Special	Images, Videos, Audio, Scrolling Text Message, On/Off Timer, On Screen Clock, Media Rotation						
Accessories	Included	AC Power Cable, Remote Control					
	Optional	Touch Screen Upgrade, Network Upgrade, Camera					

Errors and omissions excepted



LCD SCREEN VIDEO WALL TECHNICAL SPECIFICATION



OVERVIEW

Super Narrow Bezel

Virtually seamless appearance with a bezel of just 3.5mm screen to screen.

Commercial Grade

Designed for use in commercial applications this screen can run 24/7. No external buttons or controls to avoid tampering.

Automatic Tiling

With an integrated video matrix processor, no additional hardware is required to get your Video Wall display to tile to any configuration.

RS-232 Control

Daisy chain multiple Video Wall panels together via RS-232 for greater control.

Multiple Configurations

These displays can be used to create Video Walls of any configuration, for example 2x2, 3x3, 1x4, 5x3 etc. Whatever your configuration requirements these displays can support them, even if you want a portrait Video Wall.

Multiple Configurations

Superior image quality and colour depth at 178° ultra wide viewing angle in both landscape and portrait orientations and with no blackening defect.



Connectivity

You can run the Video Wall display from your PC or Media Players as they have a powerful interface that supports a wide range of audio and video inputs, such as HDMI, VGA, DVI, RGB/HV, Composite Video, and YPbPr.

Network Upgrade

The screen can be upgraded to become a network screen that unlocks a host of new features including remote updates and multiple media zones.

Environmentally Friendly Power Timer

Allows for a reduced power usage in those hours that the displays are not required. Set daily or weekly On/Off times for your displays.

Advanced Temperature Control

Designed to run 24/7 in constant use each panel has an advanced temperature control system to keep it running at the optimum temperature no matter the environment.

Portrait/Landscape Orientation

The Video Wall panels can be used in either a landscape or portrait orientation depending on your requirement.

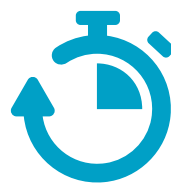


FEATURES



Environmentally Friendly Power Timer

This allows for reduced power usage by automatically powering off in hours that the displays are not required. You can set daily On/Off times for your displays.



24 / 7 Usage

Built with commercial grade panel and components these displays are designed to run 24/7 in constant use. The panel also has a lifespan of over 50,000 hours of continuous use. They can also be used in landscape or portrait orientation.



Advanced Temperature Control

This allows the screens to be in constant use. Internal fans ensure a long and reliable life for your screens, you can even control the temperature range for which the fans are active.



Optional Network Upgrade

For a small charge you can also upgrade your screen to be networked, allowing you to remotely update your screen via LAN, WiFi or 3G.



TECHNICAL SPECIFICATION

		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
	Active Area (HxW mm)	1074x604.3	1209.9x680.7
	Aspect Ratio	16:9	
	Brightness (cd/m ²)	500	
	Colour	16.7M	
	Colour Temperature	10000K	
	Viewing Angle	178°	
	Contrast Ratio	4000:1	
Backlight Life	50000 hours		
Inputs/Outputs	Input	HDMI, DVI, VGA, RGB/HV (BNC), Video1 IN (BNC), Video2 IN (BNC), RS-232 In, IR In, Keyboard (IR), Audio in	
	Output	RS-232 Out, IR 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
	Net Weight (Kg)	25	31.5
	Gross Weight (Kg)	33.3	40.6
	Package Size	1258x858x285	1400x950x280
	Working Temperature	0-50°C	
	Operating Humidity	10-90%	
Working Pressure	800-1114 hPa (Altitude:0-2,000m)		
Accessories	Included	Remote control, AC Power Cable, User Manual, VGA/HDMI Cable, OSD Control Box	

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**BATTERY OPERATED
DIGITAL A-BOARD
TECHNICAL SPECIFICATION**



FEATURES 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.



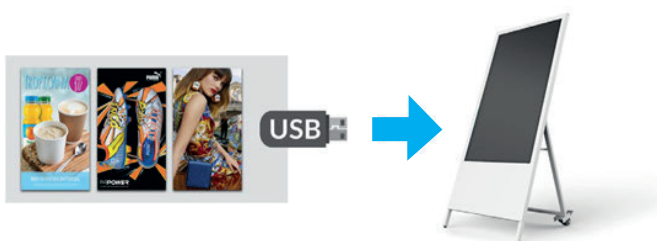
Battery Powered Display

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 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.



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.



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.



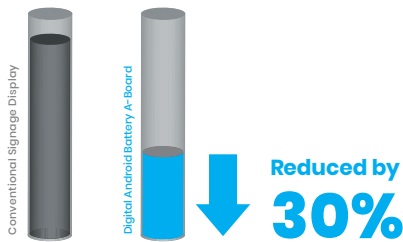
Charge Level Indicator

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



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%.



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.



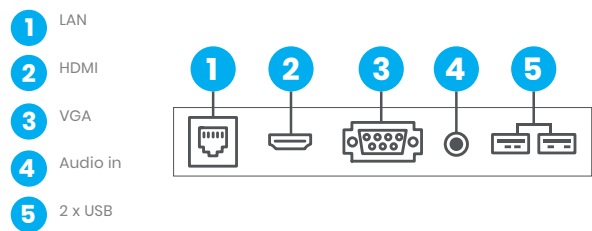
Free Scheduling Software

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.



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 5mm audio jack inputs.



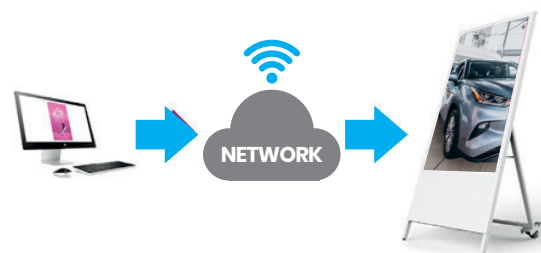
Wide Viewing Angle

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



Optical 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.



FEATURES



AMBIENT LIGHT SENSOR



TEMPERED GLASS FRONT

WIPS

700CD/M² IPS PANEL



OPTIONAL NETWORK UPGRADE



FIXED LOCKABLE CASTORS

PLUG AND PLAY



INTEGRATED ANDROID MEDIA PLAYER

STYLISH WHITE ENCLOSURE



700cd/m²

HIGH BRIGHTNESS

12 Hrs

BATTERY POWERED

PLUG AND PLAY

AMBIENT LIGHT SENSOR

TECHNICAL SPECIFICATION

	Display	49 Inch
Panel	Resolution	1920x1080
	Display Area (mm)	606x1076
	Aspect Ratio	16:9
	Brightness (cd/m ²)	700
	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)
Battery	Battery Technology	Integrated lithium polymer
	Charging Time	7 hours
	Battery Life	12 hours
	Battery Capacity	4400mAh
	Power Supply	29.4V - 21V
	Power Consumption	126W
Mechanical	Energy	1108.8 Watt-hours
	Unit Size (WxHxD mm)	1503x682.4x36.5
	Package Size (WxHxD mm)	1752x830.3x262
	Footprint (WxH mm)	682.4x608
	Net Weight (kg)	49
Environmental	Gross Weight (kg)	57.25
	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
Computer	Storage Humidity	5% to 95%
	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 @800MHz
	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	
Accessories	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
	Included	Scheduling Software, Remote Control, Key, User Manual
Warranty	Optional	Network Upgrade
	Warranty Period (Hardware)	3 Year Warranty
	Warranty Period (Battery)	3 Year Warranty*
	Technical Support	Lifetime

Errors and omissions excepted

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







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