

# 55" Ultra High Brightness Professional Monitors



## Direct Sunlight Readable (2,500cd/m<sup>2</sup>)

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



Conventional Signage Display  
450cd/m<sup>2</sup>



Ultra High Brightness Professional Monitor  
2,500cd/m<sup>2</sup>

## 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.



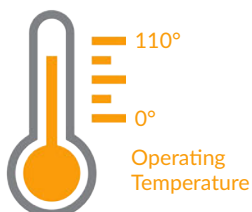
Conventional Signage Display  
80°C



Ultra High Brightness Professional Monitor  
110°C

## 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

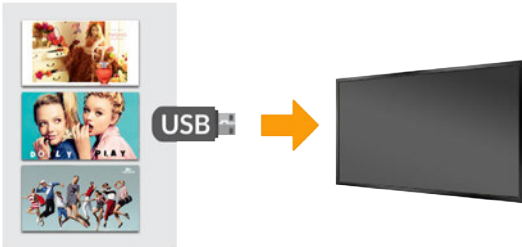
Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.



## 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.



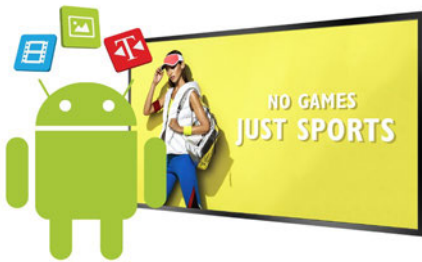
### 24/7 Commercial Grade

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

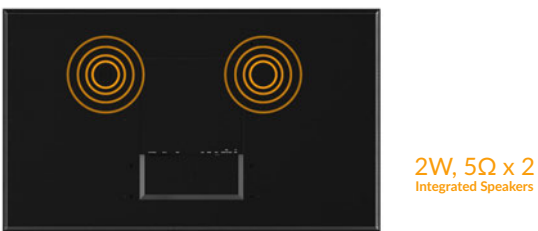
Should you need to use the screen as a monitor you can connect it to an external source, like a PC or media player, using the HDMI input or the VGA and 3.5mm audio jack inputs.



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

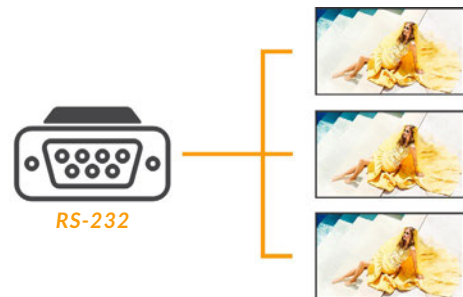
### Integrated Speakers

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



### RS-232 Control

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



### 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.





# Key Features



2,500CD/M<sup>2</sup>  
SUNLIGHT READABLE



24/7 COMMERCIAL GRADE



TEMPERATURE CONTROL



PLUG AND PLAY



INTEGRATED SPEAKERS



LED BACKLIGHT



LANDSCAPE OR PORTRAIT  
ORIENTATION



INTEGRATED ANDROID  
MEDIA PLAYER



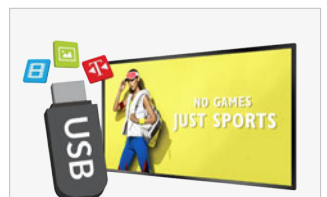
SUNLIGHT READABLE



ULTRA RESISTANT TO  
BLACKENING DEFECT



CONNECT DEVICES



PLUG AND PLAY

## Specification Table

		55 Inch
Panel	Resolution	1920x1080
	Display Area (mm)	1210x680.8
	Aspect Ratio	16:9
	Brightness (cd/m <sup>2</sup> )	2,500
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	5000:1
	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)	440
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	1272.6x734.4x132.8
	Package Size (WxHxD mm)	1420x891x295
	VESA Holes (mm)	600x400
	Net Weight (kg)	36
	Gross Weight (kg)	44.15
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
	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

Errors and omissions excepted



# Technical Drawing

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