



50" Professional Monitors

Overview

Plug and Play

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

Narrow Bezel

A narrow bezel 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.

Connect Devices

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

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.

Commercial Grade

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

BNC Connection

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

Built-in Video Matrix Processor

These displays can be used individually or as part of a tiled video wall. As a video wall, the units can tile the video signal automatically thanks to their built-in video matrix processor. This means the video wall can have any configuration without any additional hardware.

IPS Panels

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



Portrait/Landscape Orientation

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

IR Extension

As well as having a standard infrared remote control sensor there is also a free infrared remote control sensor extension included for easier kiosk integration.





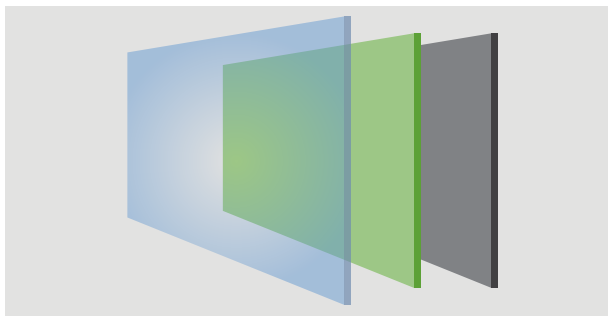
Plug and Play

As well as having a range of AV inputs, our monitors have a built-in HD media player allowing you to run content directly 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.



24/7 Commercial Use

A commercial grade panel, with a lifespan in excess of 50,000 hours, and high quality components ensure that this display can be in constant use 24/7.



IPS Panel

Accurately displays an image's quality and colour depth at a 178° ultra wide viewing angle. 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.

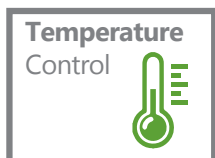
Features

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.

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.

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.

Integrated Speakers

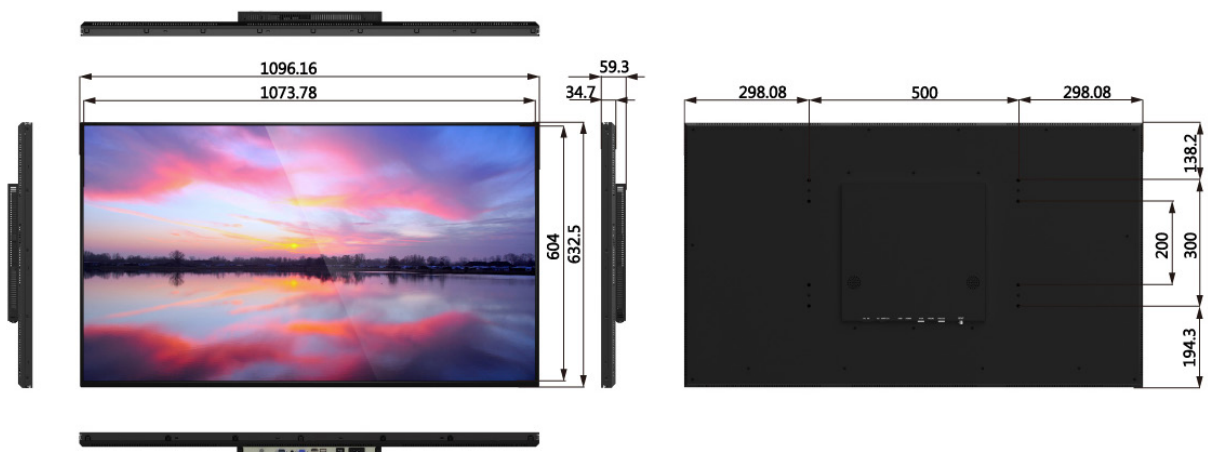


The display has integrated slimline speakers for applications that involve an audio element.

Panel	Display Size	50 Inch
	Resolution	1920x1080
	Display Area (mm)	1073.78x604
	Bezel Size	Top/left/right: 11.2, Bottom: 17.3
	Pixel Pitch	0.55926x 0.55926
	Aspect Ratio	16:9
	Brightness (cd/m ²)	450
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	4000:1
Audio	Speaker Type	2x2W, 4Ω
Inputs	Video	HDMI, VGA, Audio Socket (3.5mm), BNC (AV)
	Control	RS-232
Power	Power Consumption (W)	55
	Input Voltage	AC110~240V(50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	1096.16x632.5x59.3
	VESA Holes (mm)	500x300/500x200
	Net Weight (kg)	19
	Gross Weight (kg)	24
Media Player	Media Formats	Video (MPG, AVI, MP4), Audio (MP3, WMA), Image (JPG, BMP, PNG)
Environmental	Operating Temperature	0°C to 50°C
Accessories	Included	Remote Control, User Manual, Power Lead

Errors and omissions excepted

Technical Drawing:



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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