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PERFECT
ON THE

46" Ultra High Brightness Monitor - 2500cd/m²

Overview

Ultra High Brightness Panel

Time to let your window display shine, with a brightness of 2500 cd/m² you can be sure this display can be seen even in direct sunlight. At over 10 times brighter than that of a domestic television the special LCD panel provides incredible image quality and ultra resistant to blackening defects.

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

Attach Devices

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

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.



Advanced Temperature Control

Designed to run constantly in window displays the screen has an advanced temperature control system to keep it running 24/7 at the optimum temperature no matter the environment.

Portrait/Landscape Orientation

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

Commercial Grade

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

LED Backlight

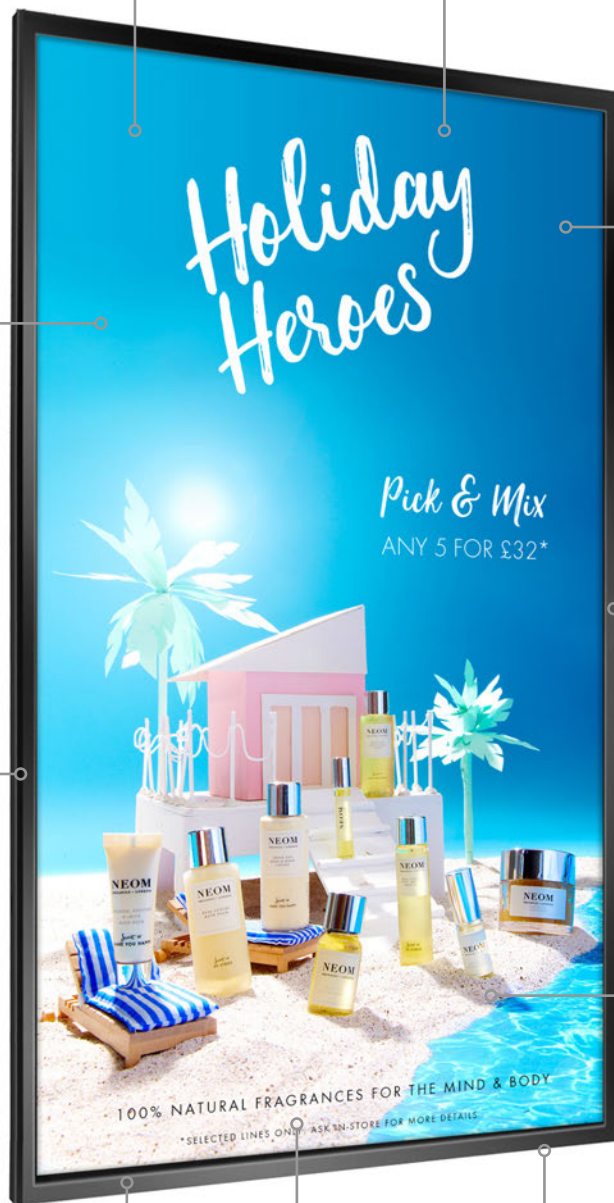
Improves brightness and contrast as well as improving their lifespan and reducing their power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly. The panel and backlight have a lifespan in excess of 50,000 hours.

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.





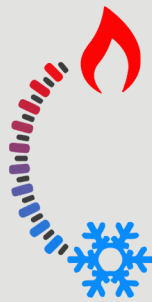
View in Direct Sunlight

The Ultra High Brightness Monitors are designed for applications in direct sunlight such as window displays. With a brightness of 2,500cd/m² they are 10 times brighter than a domestic television. When dealing with direct sunlight most LCD panels will overheat and the blackening on the panel will occur, we use a special ultra-high brightness panel that can withstand surface temperatures up to 110°C with no blackening defect occurring making this the number one choice for Digital Signage in window displays.



Plug and Play

The Ultra High Brightness 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.

Built-in Speakers



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

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.

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.

Panel	Display Size	46 Inch	
	Resolution	1920x1080	
	Display Area (mm)	1018.1x572.7	
	Aspect Ratio	16:9	
	Brightness (cd/m ²)	2500	
	Blackening Defect Free	Up to 110°C (230°F)	
	Colour	16.7M	
	Viewing Angle	178°	
	Contrast Ratio	5000:1	
Audio	Speaker Type	2W, 5Ω (x2)	
AV Inputs	Video	HDMI, VGA	
	Audio	Audio Socket (3.5mm)	
Power	Power Consumption (W)	380	
	Input Voltage	AC110~240V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	1080.5x635.1x132.7	
	VESA Holes (mm)	600x400	
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	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
		Special Features	Images, Videos, Audio, Scrolling Text Message, On/Off Timer, On Screen Clock, Media Rotation
		Accessories	Included
Optional	Network Upgrade, Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand		

Technical Drawing:

