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Monday 25th January
1:08 PM

50" Freestanding Infrared
Touch Screen with Dual OS

Dual OS

The integrated PC has both Windows and Android operating systems installed. Seamlessly switch between the two for the most versatile Touch Screen solution on the market.

10-Point Infrared Touch Technology

Using the most popular and cost effective commercial touch technology available. Durable and reliable and can be used with gloves.

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 for portrait orientation.

Built in Wi-Fi

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

Internal Locker

If you don't want to use the screen's integrated PC, there is space to fit a small PC or media player inside the lockable compartment, where the necessary AV and USB connections can be made. AV inputs include VGA, HDMI, DVI, YPbPr, Video IN and RGB/HV.

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 striking rounded corners.

Commercial Grade

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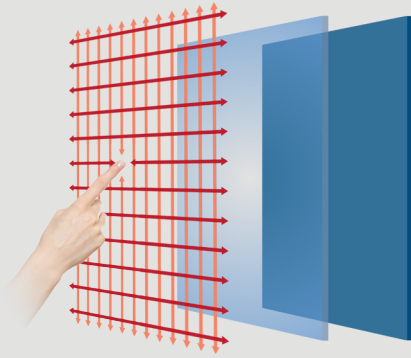
Audio

The screen has two integrated speakers but also has an audio out port for connecting headphones or external speakers.

Dual OS

Experience the most versatile commercial touch screen on the market. With both Android and Windows operating systems installed on the integrated PC it cannot be beaten on flexibility. Seamlessly switch from your Windows desktop to the Android apps; this screen has it all in one convenient package. A Windows license will need to be purchased separately.

Infrared Touch

Infrared Touch Screens use the most robust and durable touch technology available. Designed for commercial use, infrared touch technology works by embedding LED lights and sensors into the bezel of a monitor above the glass. These LED's beam a signal across to the corresponding sensor on the other side forming an invisible grid. When the grid is broken by a finger, or other solid object, the sensors can detect the touch point. Infrared touch screens are by far the most cost effective solution on the market.

Features

10 Point Touch

10 Touch Points

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 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.

24/7 Usage

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.

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.

Attach External Devices

HDMI

Although the screens have an integrated PC with two operating systems, there is also a possibility to attach external devices if required. Simply connect your device to the screen, via VGA or HDMI (for the video signal) and USB (for the touch functionality). The screen will then serve as your computer monitor and the touch functionality controls the cursor, essentially acting as your mouse.

Panel	Display Size	50 inch
	Resolution	1080x1920
	Display Area (mm)	625.4x1106.4
	Aspect Ratio	16:9
	Pixel Pitch (mm)	0.565x 0.565
	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
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	766x1850x79.5
	Footprint (WxD mm)	779x400
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 64-bit, Windows 10 IoT Enterprise 64bit (licence purchased separately)
	Other	No accessible buttons or controls
Accessories	Included	Remote Control, User Manual, Power Cable, USB to USB Cable, Wi-Fi Aerial

Technical Drawing: