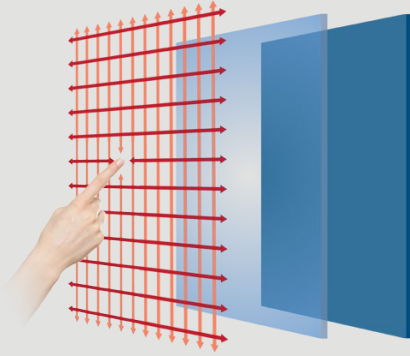




Dual OS

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



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.

24/7 Usage



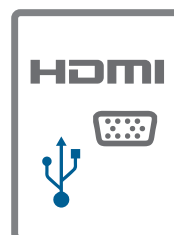
Built with commercial grade panel and components these displays are designed to run 24/7 in constant use; unlike domestic tablets. The panel also has a lifespan of over 50,000 hours of continuous use.

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



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	55 inch
	Resolution	1080x1920
	Display Area (mm)	686.4x1215.8
	Aspect Ratio	16:9
	Pixel Pitch (mm)	0.6342x 0.6342
	Brightness (cd/m2)	500
	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)
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	827x1947x79.5
	Footprint (WxD mm)	840x400
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) Z3735F (2M Cache, up to 1.83 GHz)
	RAM	2GB (DDR3L-RS 1333)
	Instruction Set	64-bit
	Graphic Engine	Intel® HD Graphics (7th Gen, supports DirectX 11 and up to 646 MHz)
	Internal Memory	64GB
	USB	2 x USB 2.0
	LAN	10/100M Ethernet
	Wi-Fi	802.11b/g/n
	OS	Android 4.4.4 KitKat Windows 10 IoT Enterprise (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:

