Freestanding Infrared Touch Screen with Dual OS Range
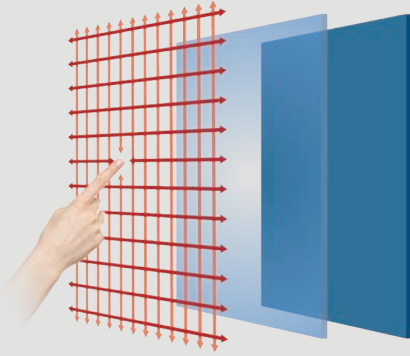
Dual OS ⊞🤖

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 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.
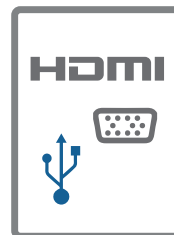
24/7 Usage

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.

	Display Size	50 inch	55 inch
Panel	Resolution	1080x1920	
	Display Area (mm)	625.4x1106.4	686.4x1215.8
	Aspect Ratio	16:9	
	Pixel Pitch (mm)	0.565x 0.565	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)	766x1850x79.5	827x1947x79.5
	Footprint (WxD mm)	779x400	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)	
	Hard Drive/Internal Memory (eMMC)	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	

Errors and omissions excepted

42" INFRARED FREESTANDING MULTI TOUCH KI-

3 YEAR WARRANTY
LIFETIME TECHNICAL SUPPORT
BUY AND SELL WITH CONFIDENCE

24/7 Usage	**USB** Easy USB to PC Setup
ECO LED Backlight Technology	**Integrated Speakers**
Built In Android Media Player	**Infrared Multi Touch Screen**
HD High Definition Display	**HDMI** Multiple AV Inputs
Cross-platform Compatibility	**Eco-Friendly Power Timer**
Commercial Touch Screen	**Temperature Control**

BUILT IN ANDROID MEDIA PLAYER

With a built in Android media player these screens require no additional hardware if you are displaying a website or have an Android compatible app. As the touch screen is also compatible with Windows and Linux you can also run your app from an external PC or media player which can be hidden inside the lockable compartment.

VERSATILE 6-POINT TOUCH

Using industrial Infrared 6-point touch technology these displays ideal for public locations as anything (such as a gloved hand or stylus) can be used as a pointer. These units are ideal for group browsing applications.

SMART TEMPERATURE CONTROL SYSTEM

The internal air-conditioning system allows the screens to be in constant use. Internal fans keep the panel and other internal components at the optimum working temperature; ensuring a long and reliable life for your screens.

LED BACKLIGHT TECHNOLOGY

Thanks to their LED backlight these displays offer improved brightness and contrast as well as drastically improving their lifespan and reducing their power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly.

42" INFRARED FREESTANDING MULTI TOUCH

COMMERCIAL GRADE PANEL AND COMPONENTS

Fitted with a commercial grade panel, with a lifespan of 50,000 hours, and using high quality components ensures that this display can be in constant use 24/7.
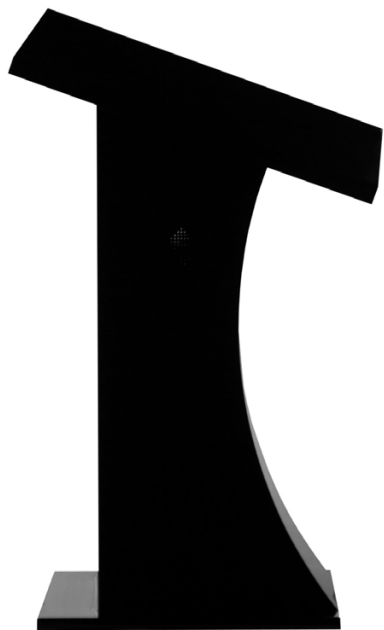
ENVIRONMENTALLY FRIENDLY POWER TIMER

This allows for reduced power usage by automatically powering off in hours that the display is not required. You can set daily On/Off times for your display.

BUILT-IN SPEAKERS

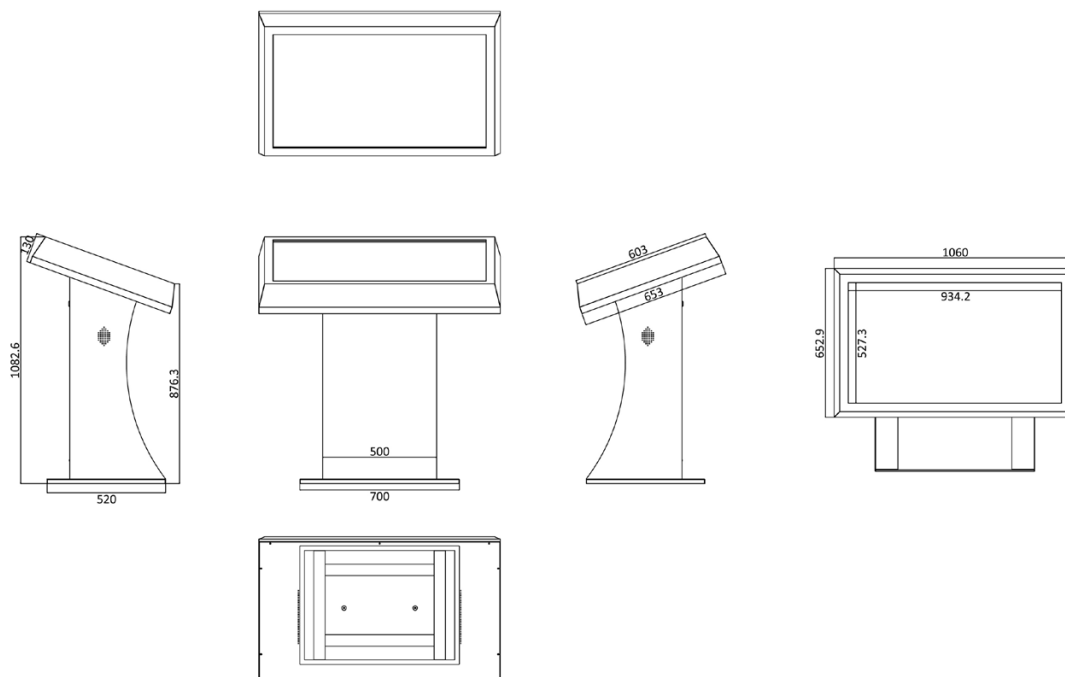The display has two integrated slimline speakers for applications that involve an audio element.

IMAGES:

Side profile

Product in situ

42" INFRARED FREESTANDING MULTI TOUCH KIOSK

DRAWING:

FULL SPECIFICATION:

Panel	Display Size	42 inch	
	Resolution	1920X1080	
	Display Area (mm)	934x527	
	Aspect Ratio	16:9	
	Brightness (cd/m2)	450	
	Colour	16.7M	
	Viewing Angle	178°	
	Contrast Ratio	5000:1	
Audio	Speaker Type	2x2W, 4Ω	
AV Inputs	Video	HDMI, VGA	
	Audio	Audio Socket (3.5mm)	
Power	Input Voltage	AC110~240V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	1060x1082.6x652.9	
	Working Temperature	0 °C to 50 °C	
Feature	Internal Media Player	Media Resolution	1920x1080/1080x1920
		Internal Memory	6GB
		CPU	Duel-Core Cortex-A9 @1.6GHz
		GPU	Mali-400 MP4 @400MHz
		RAM	1GB DDR3
		ROM	8GB NAND
		USB	USB2.0 HOST (x2)
		LAN	10/100M Ethernet (Network version screen only)
		Wi-Fi	802.11b/g/n (Network version screen only)
		OS	Android 4.2.2
		Graphic Engine	OpenGL ES 1.1/2.0, OpenVG 1.1
Accessories	Included	Power Cable, USB Cable, HDMI Cable, Remote Control, Key, User Manual	

Errors and omissions excepted