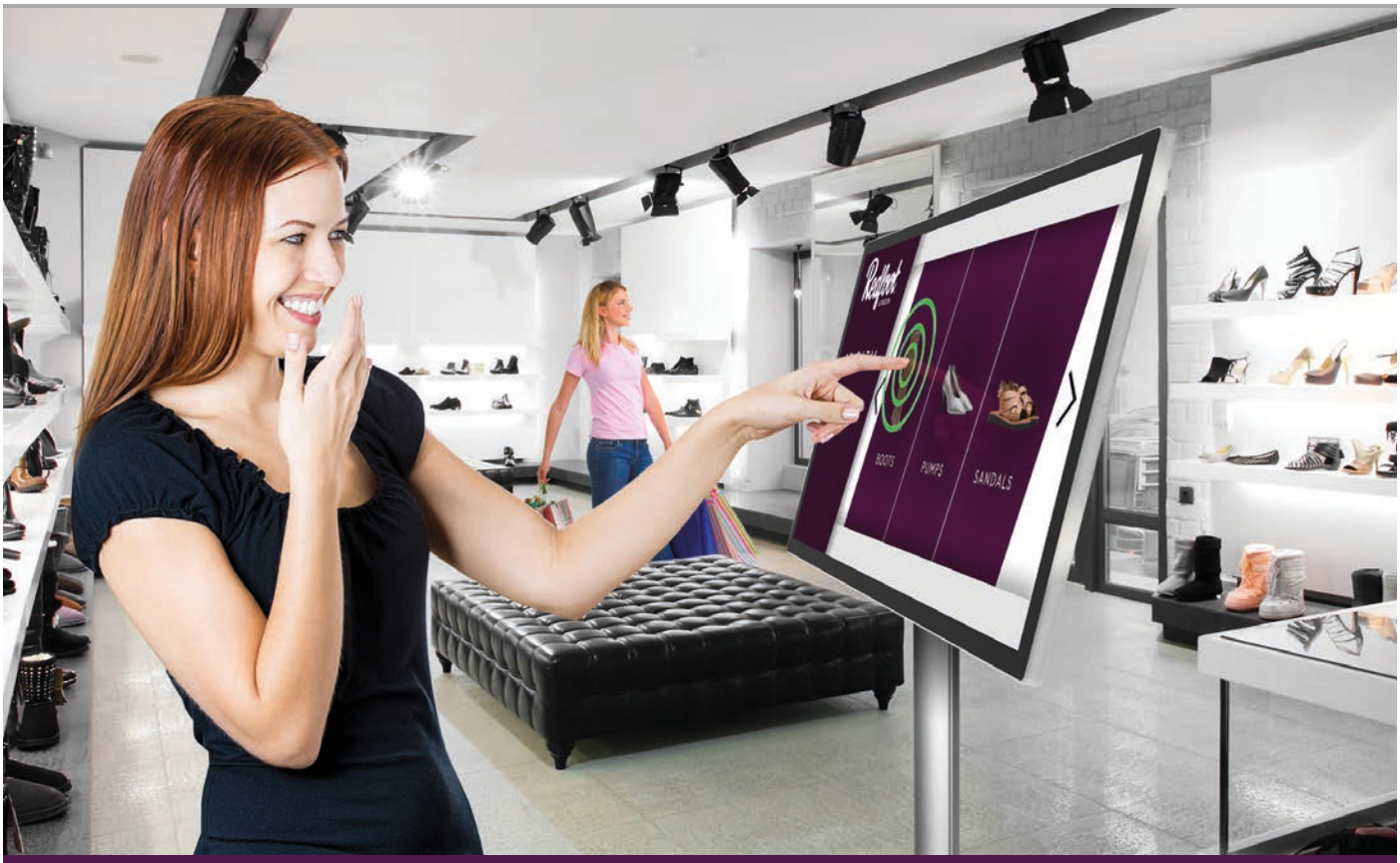
22” Android PCAP Touch Screens



Perfect for interactive experiences, such as wayfinding and product browsing

Ultra Responsive Interactivity

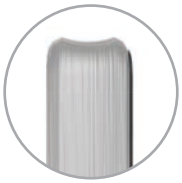
Optimum sensitivity to touch gestures and rapid response times ensure that users have a smooth, effortless experience. There’s no need to touch the same thing multiple times or wait for a touch to register when interacting with these ultra-responsive displays.



Giant Tablet Styling

The tempered edge-to-edge glass face, rounded corners, super slim depth, aluminium surround and thin black border give a captivating tablet-like aesthetic. This stylish glass face also increases the durability of the display, protecting the LCD panel and other internal components from potential damage in public spaces.





Concave Indent Profile

- 24/7 Commercial Grade
- Integrated Android 14 Media Player
- 10-Point PCAP Touch
- Surface Plasma Treatment
- Lightweight Design
- 250cd/m² IPS Panel
- Touch Screen Monitor
- Free Wall Mount
- Integrated Speakers
- 3 Year Commercial Warranty

Other Features

24/7 Commercial Use

These displays are able to be in constant use 24/7 for over 70,000 hours thanks to their commercial grade LCD panel, media player and other components. They also have no external buttons or controls to prevent tampering.



10-Point PCAP Touch

Having up to 10 touch points allows users to perform a variety of touch gestures, including manipulating images and zooming in/out – much like you would with a domestic tablet or smart phone. It also allows multiple users to interact with the screen at the same time.



Surface Plasma Treatment

A special oleophobic coating makes the glass front more resistant to the oily residue left by fingerprints and improves the smoothness of touch gestures. Unlike other touch screens on the market, this glass is not etched, which vastly enhances the optical clarity.



Lightweight Design

With a robust but lightweight aluminium enclosure and moulded polymer rear, these displays are over 30% lighter than their predecessor, allowing for easier installation and maintenance.



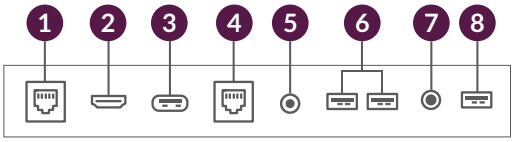
250cd/m² IPS Panel

Thanks to the commercial grade IPS technology, these panels are designed to accurately display image quality and colour depth with no fall-off in colour accuracy, as well as achieving ultimate lifelike colour temperature in both landscape and portrait orientations.



Touch Screen Monitor

Connect to an external source, such as a third-party PC or media player, using the built-in USB and HDMI or 3.5mm audio inputs to use the display as touch screen monitor. This increases the versatility of applications that can be run.



1. LAN
2. HDMI
3. USB Type-C
4. RS-232
5. Audio Out
6. USB 3.0 and 2.0
7. Wi-Fi
8. Touch USB

Content Management System

Quickly and easily create your own interactive content by utilising our user-friendly CMS, which can be packaged with the display for a small charge.



Free Wall Mount

A super slim wall mount is included at no extra cost, enabling you to install your screen in either landscape or portrait orientation with a secure and aesthetically-pleasing flush fit to the wall.



Key Features

INTEGRATED ANDROID 14

SUPER-FAST LAN/WI-FI

IPS PANEL

24/7 COMMERCIAL USE



LANDSCAPE OR PORTRAIT ORIENTATION

250CD/M² BRIGHTNESS

10 TOUCH POINTS

INTEGRATED SPEAKERS



ATTACH DEVICES



SURFACE PLASMA TREATMENT



FREE WALL MOUNT



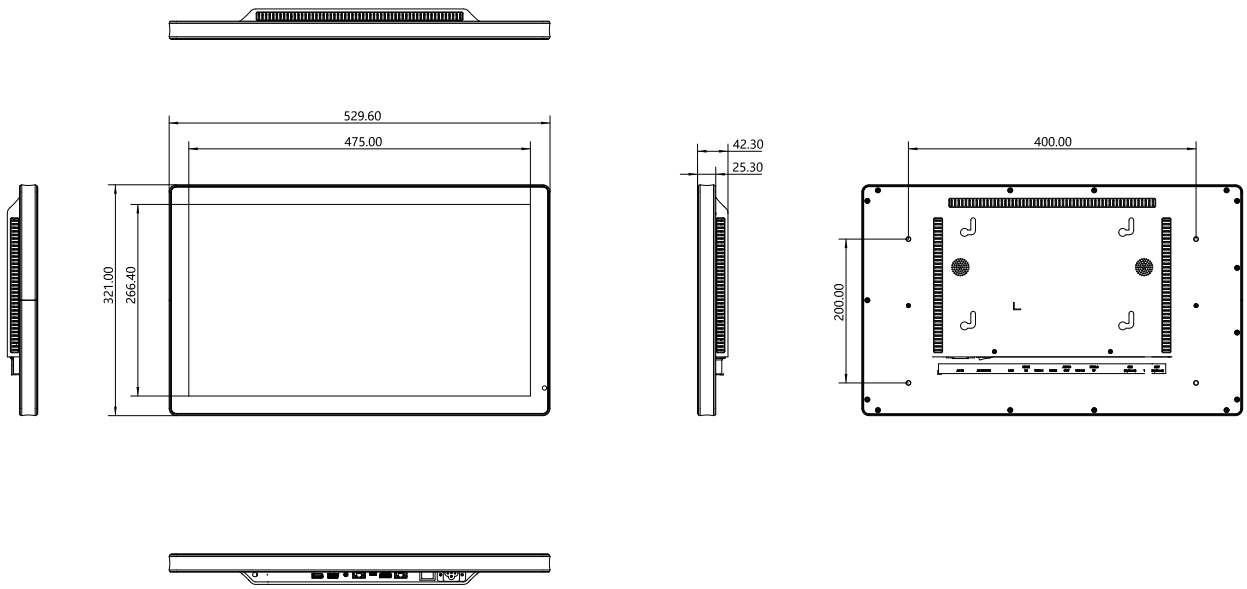
GIANT TABLET STYLING

Specification Table

V.1.1		AO22HD10
Display	Resolution	1920 × 1080
	Display/Active Area [mm]	475 × 266.4
	Aspect Ratio	16:9
	Brightness [cd/m²]	250
	Colour	16.7 Million
	Viewing Angle [°]	178°
	Contrast Ratio	5,000:1
	Orientation Support	Landscape / Portrait
	Operating Hours	24/7 Commercial Use
Touch	Touch Technology	Projected Capacitive
	Touch Points	10
	Touch Interface	USB (required for touch functionality when used as a monitor)
	Glass Hardness	7H minimum
	Glass Thickness	3.0 ± 0.2 mm
System & Performance	CPU	RK3568 64bit Cortex-A55 Quad @2GHz
	GPU	Quad Mali-G52 2EE
	Graphics API Support	OpenGL ES 1.1/2.0/3.2, OpenCL 2.0 and Vulkan 1.1
	OS Operating System	Android 14
	RAM	4GB
	Storage	32GB
	Media Format	Supports FHD 60FPS H.264/H.265 video decoding
	LAN	10/100/1000M RJ45
	Wi-Fi	Dual-band 2.4GHz / 5GHz (802.11a/b/g/n/ac)
	Bluetooth	5.0
	Optional 4G Module	1 × SIM Slot (optional)
Connectivity & Interface	HDMI	1 × HDMI IN
	USB	1 × USB (OTG/HOST); 1 × USB (HOST) 1 x USB (Type-C)
	RS232	1 × RS232 (RJ45 connector)
	Ethernet	1 × RJ45 (10/100/1000M)
	Audio Out	1 × 3.5mm
	Expansion Slot	1 × Micro SD
	Power Input	1 × AC In (C7 Figure-8)
	Switch	1 × Power Switch
	Speakers	2W × 2 (5Ω)
	4G Module (Optional)	1 × SIM In
Power Management	Power Supply	AC 110–240V, 50/60Hz
	Power Consumption	Typical: 21W
	Standby Power	≤0.5W
Dimensions & Weight	Screen Dimensions (mm)	529.6 × 321 × 42.3
	Package Dimensions (mm)	690 × 440 × 135
	VESA Mounting (mm)	400 × 200
	Net Weight	6kg
	Gross Weight	7.55kg
Environmental Conditions	Operating Temperature [°C]	0 to 50°C
	Storage Temperature [°C]	–30°C to 60°C
	Operating Relative-Humidity [%]	10% to 80%
	Storage Relative-Humidity	5% to 95%
Accessories	Included Accessories	Cloverleaf Power Lead (1.8m);Remote Control; User Manual; Power Cable; USB to USB Cable; Wi-Fi Aerial; Wall Mount
	Optional Accessories	Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand
Warranty	Warranty Period	3 Years
	Technical Support	Lifetime

Errors and omissions excepted

Technical Drawing

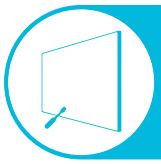


Why Choose Our Commercial Display Solutions?



Lifetime Technical Support

From the moment you receive your product, throughout the duration of your warranty and even after your warranty has expired we are here to support you. If you require any assistance setting up or using your product, or have any problems at all, we can provide free technical support via telephone and email.



On-site Support and Maintenance*

If needed, we can provide an installation service for any of our products. We can also set up service-level agreements for larger projects that require maintenance contracts.



Extended Warranty*

All of our commercial display products come with a 3 year commercial warranty as standard but if you want to extend this you can upgrade this to cover a 5 year period at point of purchase.



Training

As well as providing free remote CMS training sessions and webinars we can also visit you to deliver bespoke training for our software and hardware*.



Advanced Replacements†

Should your display suffer from any kind of hardware failure during the warranty period we will send you an advanced replacement and arrange for your old display to be collected, free of charge. This ensures no downtime where you are without a screen.



Custom Product Testing & Configuration

If you need us to test third party software or a website, or configure your screen in a particular way before it is dispatched (e.g. in a particular orientation or network mode), we can do so to make your life easier.



3D Rendering

Want to know how a particular screen will look once installed? Send us a photo of the location and we will create a 3D rendering of any screen in situ to help you to visualise how amazing it will look.



Logistics Support

We hold more stock in our UK warehouse than any other manufacturer so we can help you meet tight deadlines. For last minute orders we can also offer special express or morning delivery options*. We also carry out UK based quality control checks on every display before it leaves our warehouse.



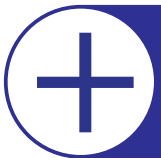
Project Support

If you need to loan a sample unit to test we'd be more than happy to arrange this. We can also provide a rental service for temporary projects*.



Customisation*

Your display can be customised to suit your requirements by adding your logo or printed graphics or even tailoring the colour of a display. We can also carry out hardware modifications to existing products or manufacture bespoke solutions for special projects.



Extras*

As well as being able to provide accessories and add-ons, such as extra remote controls, NUC PCs and video wall controllers, we can also supply custom made flight cases which are great if a display needs to be moved safely from place to place.

†UK mainland only

*These particular services may incur additional charges