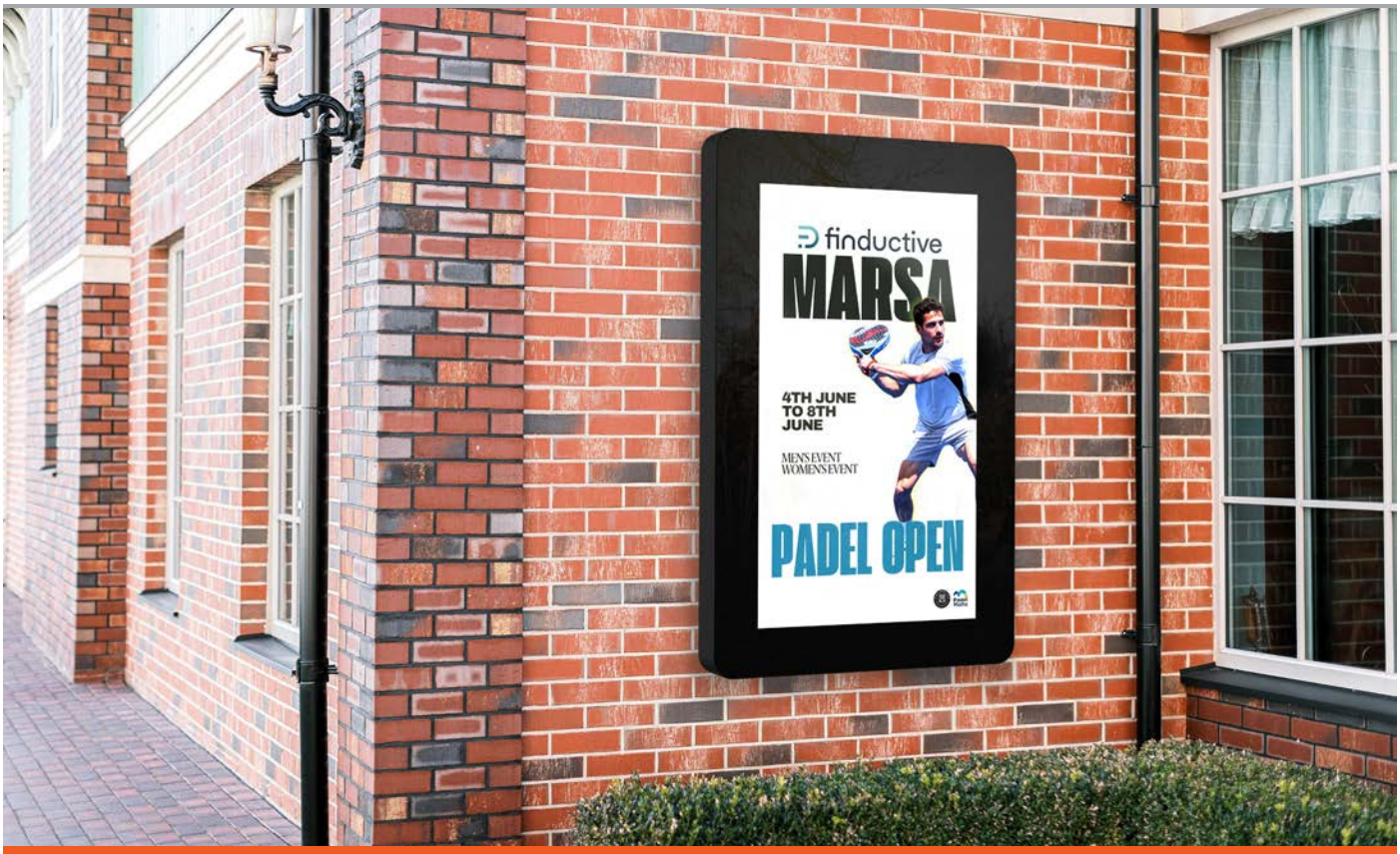
55” Portrait 4K Elite Outdoor Advertising Displays



A robust premium outdoor display with stunning 4K clarity, powerful brightness, and the latest Android system with smart sensors to keep your message front and center in any environment

Full Array Local Dimming Panel

Local Dimming delivers unparalleled image quality by dynamically adjusting brightness across the entire screen. Experience stunning contrast, deeper blacks, and vibrant highlights while dramatically reducing power consumption and heat output - enhancing both efficiency and panel longevity for uncompromising outdoor performance.

Dynamic Contrast Ratio and Deeper Blacks!



Front Serviceable Maintenance

Designed for convenience and efficiency, the front serviceable design allows quick and easy access to internal components without the need to remove the display from its mounting structure. This streamlined maintenance process minimises downtime, reduces servicing costs, and simplifies upkeep - ideal for high-traffic outdoor environments where performance and reliability are vital.



- Integrated Android 14 Media Player
- 3,500cd/m² Brightness
- IP56 Rated Enclosure
- 24/7 Usage
- Smart Sensors
- Vandal Proof
- Customisation Options
- Premium Tablet Styling
- Marine Grade Paint
- 3 Year Warranty
- Lifetime Technical Support

Other Features

Android 14 Board

The integrated Android 14 media player allows for easy updates via the internet and My Signage Portal. With a 25% performance boost compared to previous versions, the Android 14 OS also ensures full compatibility with modern applications and software.

Android 14



Intelligent Sensors

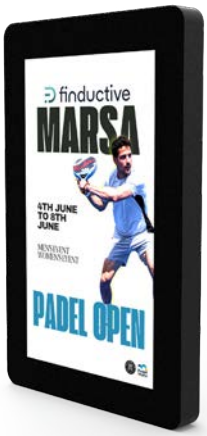
An intelligent network of sensors constantly monitors internal temperature and humidity levels, automatically activating internal fans or heaters as needed. The ambient light sensor adjusts screen brightness in real time to maintain optimal visibility in any lighting conditions. In extreme environments, an integrated failsafe system enables the display to take protective measures, reducing the risk of damage and helping to prolong the screen's lifespan.



Sunlight Readable Display

Thanks to the commercial grade ultra-high brightness panels (3,500cd/m²), these displays are up to 13 times brighter than a domestic TV - ensuring clear, vivid visibility even in direct sunlight.

3,500cd/m² Brightness



4K Display

With four times the resolution of Full HD, you can achieve a truly immersive experience with incredible image quality and smooth playback at 60fps. The 4K resolution is now compatible with the integrated Android 14 Media Player, our CMS software and third-party devices, giving you ultimate flexibility.



HD 1920x1080

4K UHD 3840x2160

IP56 Rated Enclosure

Designed to withstand the elements, the robust IP56-rated enclosure provides reliable protection against all wet weather conditions and airborne dust particles. The striking glass front and refined matte-finish enclosure give the display a sleek, premium appearance that remains professional in public-facing outdoor locations.

IP56

Dust Resistance

5 — Sealed to block dust from harming internal parts.

Water Resistance

6 — Built to withstand powerful jets of water.



Integrated Speakers

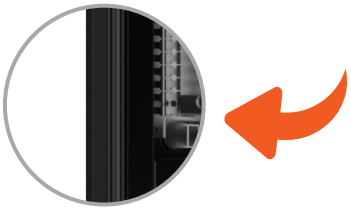
Integrated speakers deliver immersive audio, boosting engagement while simplifying setup, even better; no external equipment is needed.

2 x Built in Speakers



Double Water Sealant

Engineered with automobile-grade sealing for superior protection of the internal components against rain and water. Dual-layer seals keep water out, while discreet drainage holes at the base provide a failsafe in extreme conditions.

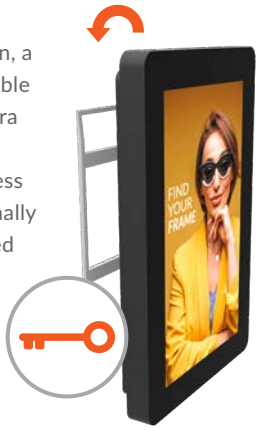




Free Lockable Wall Mount

To deliver a true turnkey solution, a newly designed, simplified lockable wall mount is included at no extra cost. This updated design hooks into place in seconds for effortless installation—then secured internally with screws, eliminating the need for external padlocks.

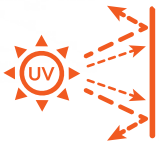
Simple and Secure Installation!

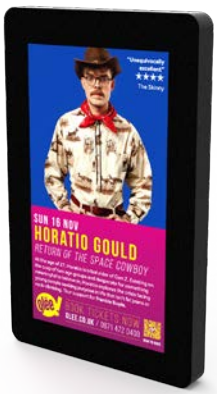


Other Features

Anti Reflective, UV-Protected Glass

The specially treated front glass diff uses direct sunlight for optimal visibility in bright conditions, while an advanced UV coating reduces internal heat by up to 71%. This minimises cooling requirements, enhances efficiency, and extends the display's lifespan.





Internal Space for Third Party Media Player

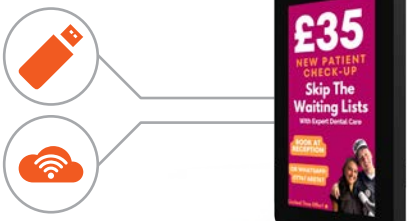
Should you need run the screen from an external source, there is space to fit a small PC or media player inside the lockable compartment. This can then be connected to the display via the HDMI, VGA or 3.5mm audio inputs.



Remote Updates Available

The integrated Android media player allows you to easily update on-screen content via USB plug and play. Alternatively, upgrade your screen to be networked without needing any additional hardware to unlock our cloud-based CMS software. Third-party software can be installed instead if required.

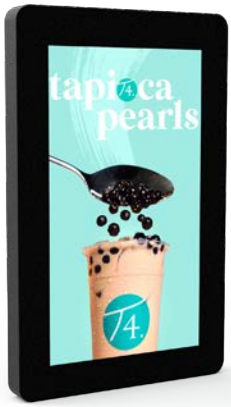
Update Content Via USB or The Internet



Marine Grade Paint

Coated in premium marine grade black paint, built for long term performance in harsh outdoor environments including extreme weather and coastal conditions.

Robust Paint





Key Features

3,500 CD/M²
SUNLIGHT READABLE

IP56 RATED ENCLOSURE

4K

4K DISPLAY

ROBUST AIR FILTER





ANDROID 14 MEDIA PLAYER

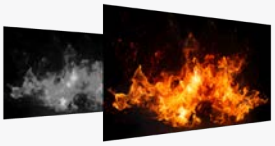
MARINE GRADE BLACK PAINT

FREE LOCKABLE WALL MOUNT

24/7 USAGE



FRONT SERVICEABLE MAINTENANCE



FULL ARRAY LOCAL DIMMING PANEL



Temperature
Light
Humidity
Display
IR

COMPREHENSIVE SENSOR CONTROL SYSTEM

INTEGRATED SPEAKERS



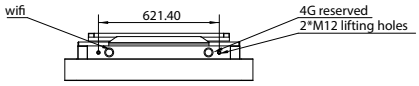
Specification Table

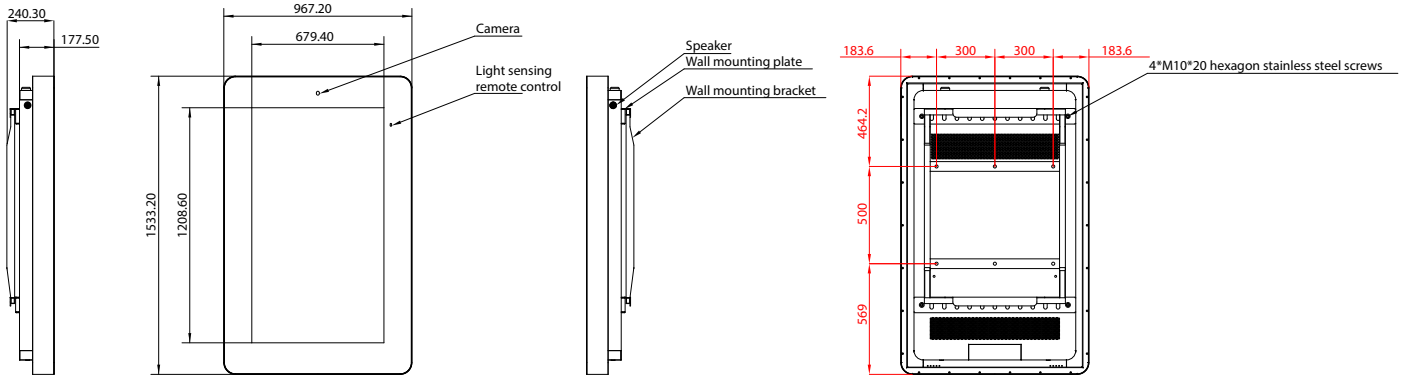
V.1.3		OWP55UHD10
Display	Resolution	3840 x 2160 @60Hz
	Display/Active Area [mm]	1208.6x679.4
	Aspect Ratio	16:9
	Brightness [cd/m²]	3,500
	Colour	1.07 Billions (8bit + 2bit FRC); 72% NTSC
	Viewing Angle [°]	89/89/89/89
	Contrast Ratio	1100:1
	Dynamic Contrast Ratio	5,000,000:1
	Orientation Support	Portrait
	Operating Hours	24/7 Commercial Use
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 4K 60FPS H.265/H.264/VP9 video decoding; 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 2.0 IN
	USB	1 × USB 3.0 Type-A; 1 × USB 2.0 Type-A; 1 × USB Type-C (OTG only)
	RS232	1 × RJ45 (Serial Control)
	Ethernet	1 × RJ45 (10/100/1000M)
	Audio Out	1 x 3.5mm Audio Out
	Expansion Slot	1 × Micro SD
	Power Input	1 × IEC C6 (Cloverleaf)
	Speakers	10W x 2
	4G Module (Optional)	1 x SIM In
Power Management	Power Supply	AC 100–240V, 50/60Hz
	Power Consumption	Typical: 220W; Max: 480W
	Standby Power	8.5W
Dimensions & Weight	Screen Dimensions (mm)	1533.2 × 967.2 × 177.5
	Screen Dimensions with Wall Bracket (mm)	1533.2 × 967.2 × 240.3
	Package Dimensions (mm)	1760 x 1190 x 425
	Mounting Holes (mm)	970 × 751.1 M10
	Net Weight	127.5 kg
	Gross Weight	179 kg
	IK Rating	IK10
Environmental Conditions	Operating Temperature [°C]	-30 to 50°C
	Storage Temperature [°C]	-30°C to 60°C
	Operating Relative-Humidity [%]	10% to 90%
	Storage Relative-Humidity	10% to 90%
	Enclosure Protection	IP56
Accessories	Included Accessories	Cloverleaf Power Lead (1.8m); Remote Control + Batteries; User Manual (QR Code x2); Quick Start Guide
	Optional Accessories	Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand
Warranty	Warranty Period	3 Years
	Technical Support	Lifetime

Errors and omissions excepted

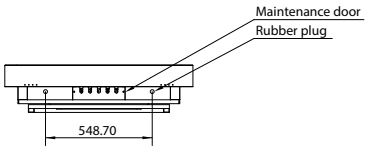
Technical Drawing

OW55UHD10 (With Wall Mounting Bracket)

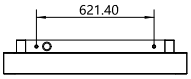


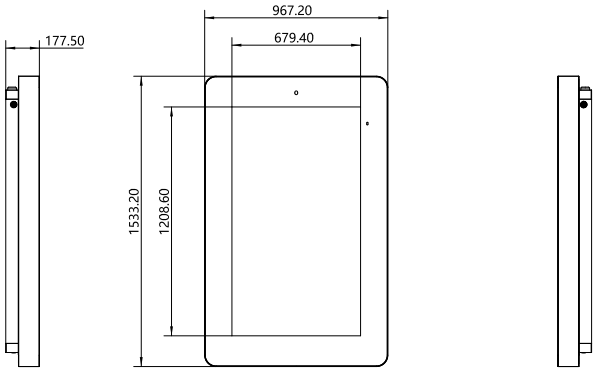


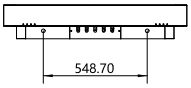
Dimensions in red: Wall bracket + display



OW55UHD10 (Screen Only)





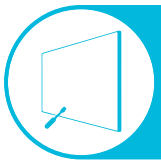


Why Choose Our Commercial Display Solutions?



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.



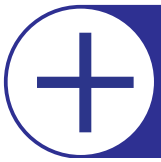
Project Support

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