

MPN: 0070-24155-HB3000-AD-P

55" 24/7 4K UHD Monitor - Vandal & Waterproof - High Brightness 3000 NITS, with Android Player and WiFi - Portrait

55" Outdoor Waterproof Digital Signage Display – IP65, Android, Wall-Mounted

Deliver professional outdoor advertising with this 55" waterproof digital signage display. Designed for reliable 24/7 operation in harsh environments, this commercial-grade display combines high brightness, robust weather protection.

With a sunlight-readable panel of up to 3,000 cd/m², your content remains bright, clear, and engaging even in direct sunlight. The IP65-rated enclosure protects against rain, dust, and environmental exposure, while IK10-rated tempered glass provides strong vandal resistance—making it ideal for public and exposed locations.

The built-in Android media player allows simple plug-and-play content updates via USB, or you can upgrade to network connectivity for remote content management via LAN, Wi-Fi, or Bluetooth. The included wall mount ensure professional installation.

Perfect for Outdoor Applications

- <bulletlist><bullet>Retail storefront advertising</bullet>
- <bullet>Restaurants, cafés, and hospitality venues</bullet>
- <bullet>Shopping centres and entrances</bullet>
- <bullet>Corporate buildings and reception areas</bullet>
- <bullet>Transport hubs and public infrastructure</bullet>
- <bullet>Outdoor information and wayfinding</bullet></bulletlist>

Why Choose This 55" Outdoor Display?

This display provides the ideal balance between size, visibility, and durability. It allows you to optimize your layout for menus, advertising, or information displays, while the weatherproof construction ensures reliable long-term performance in any outdoor environment.

- 3,000 cd/m² brightness for direct sunlight visibility
- Built-in player with Android 14 (8GB RAM/64GB internal storage)
- Designed for 24/7 continuous operation
- Quiet fan cooling system with air filtration
- Available in both landscape and portrait mode
- Heavy-duty steel construction AISI 304 (EN 1.4301)
- Wi-Fi 6 & Bluetooth 5.4
- IP65 waterproof and IK10 vandal-resistant waterproof and dustproof outdoor enclosure
- Free wall mount included
- 5-year warranty

Specifications

Design	Housing material	Metal
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Design	IK code	IK10
	International Protection (IP) code	IP65, IP67
	Market positioning	Business
	Mean time between failures (MTBF)	50000 h
Display	Anti-glare surface	Yes
	Aspect ratio	16:9
	Display brightness	3000 cd/m ²
	Display brightness (typical)	3000 cd/m ²
	Display diagonal	55 "
	Display number of colours	1.073 billion colours
	Display resolution	3840 x 2160 pixels
	Display technology	LCD, LED
	Haze rate	25 %
	HD type	4K Ultra HD
	LED backlight	Yes
	Native aspect ratio	16:9
	Pixel pitch	0.2451(H)×0.2451(V) mm
	Response time	5 ms
	Viewing angle, horizontal	178 °
	Viewing angle, vertical	178 °
Ergonomics	On Screen Display (OSD) languages	English
	Panel mounting interface	600 x 600 mm
	VESA mounting	Yes
	Wall mountable	Yes
Network	Bluetooth	Yes
	Bluetooth version	5.4
	Ethernet LAN	Yes
	Wi-Fi	Yes
	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Operational conditions	Operating temperature (T-T)	-30 - +85 °C
Other features	Accessories included	Industrial PSU, Screw, Cable holder, Quick start guide
	Active display area (W x H)	1209.6mm(W)×680.4mm(H) mm
	Analog signal format system	PAL, NTSC, SECAM
	Automatic brightness control	Yes
	Brightness	3000 cd/m ²
	Certification	EMC Class A
	Contrast ratio	4000:1
	Dimensions (WxDxH)	850 x 130 x 1360 mm
	Easy to install	Yes

Other features	Glass protection	Yes
	Light sensor	Yes
	Noise filter	Yes
	Operating system	Android 14
	Package dimensions (WxDxH)	1140 x 340 x 1550 mm
	Placement supported	Horizontal/Vertical
	Power consumption	190 W
	Power cord included	Yes
	Touchscreen	No
	USB ports quantity	1
	Weight	65000 g
Packaging content	Quick start guide	Yes
Performance	Operating hours (hours/days)	24/7
Ports & interfaces	AC (power) in	Yes
	BNC input ports	0
	DisplayPorts quantity	1
	HDMI	Yes
	HDMI ports quantity	2
	HDMI version	2.0
	VGA (D-Sub) ports quantity	0
Power	AC input frequency	50-60 Hz
	AC input voltage	100-240 V
Thin Client	Internal memory	8196 MB
	Processor architecture	ARM Cortex-A53+Cortex-A72
	Processor cores	8
	Processor model	Rockchip RK3576
	SSD capacity	64 GB
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)

Other products in this series

Display diagonal	
32	0070-24132-HB3000-AD-P
43	0070-24143-HB3000-AD-P
49	0070-24149-HB3000-AD-P
55	0070-24155-HB3000-AD-P
65	0070-24165-HB3000-AD-P