

MPN: 0070-24155-HB3000-1S-KIOSK-AD

55" 3000 nits 4K UHD Single-sided Ultra-High Brightness Outdoor Kiosk with Android Player and WiFi

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Android
Ernitec High-Brightness Outdoor Kiosk

Extreme Outdoor Digital Signage – Built the Ernitec Way

When environments push hardware to the limit, Ernitec kiosks push back harder.

The new Ernitec High-Brightness Outdoor Kiosk Series is engineered for the most demanding outdoor installations — combining exceptional visibility, extreme durability, and long-term reliability.

From city centers and transport hubs to industrial sites and harsh climates, these kiosks are built to perform where others fail.

This is outdoor digital signage without compromise.

UNMATCHED VISIBILITY – DAYLIGHT PERFECT

With an ultra-powerful 3000 nits high-brightness 4K panel, content remains perfectly readable even in direct sunlight.

Whether displaying advertising, information, wayfinding, or real-time data, your message stays sharp, vibrant, and impactful — day and night.

BUILT FOR EXTREME CONDITIONS

Operating temperature from -35°C to +85°C. Fully sealed cabinet with IP67 front protection and IP65 rear.

Resistant to rain, snow, dust, sand, and humidity. Vandal-proof construction for public and unsupervised areas.

CRAZY ROBUST

Heavy-duty steel construction, industrial-grade components, secure lockable cabinet, optimized airflow and thermal management, and floor-mounted design for maximum stability.

FLEXIBLE CONTENT CONTROL

integrated media players, external HDMI input, and CMS-ready setups.

AVAILABLE SIZES

55" & 65" outdoor kiosks with Android Player.

5 YEAR WARRANTY

Every Ernitec outdoor kiosk is backed by a 5-year warranty.

Extreme environments. Extreme visibility. Extreme reliability.

- Ultra-powerful 3000 nits high-brightness 4K panel
- Anti-Glare-Display with Hard coating (3H)
- Designed for 24/7 continuous operation
- Integrated Android media player with WiFi 6 and Bluetooth 5.4
- Heavy-duty steel construction AISI 304 (EN 1.4301)
- Operating temperature from -35°C to +85°C
- IP67 waterproof and IP65 on the back outdoor enclosure



- Vandal-proof construction for public and unsupervised areas
- 5-year warranty

Specifications

Design	Housing material	Stainless steel
	IK code	IK10
	International Protection (IP) code	IP65, IP67
	Mean time between failures (MTBF)	50000 h
Display	Anti-glare surface	Yes
	Aspect ratio	16:9
	Display brightness	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
	VESA mounting	No
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
	Certification	EMC Class A
	Contrast ratio	4000:1
	Dimensions (WxDxH)	860 x 200 x 2000 mm

Other features	Noise filter	Yes
	Operating system	Android 14
	Package dimensions (WxDxH)	980 x 380 x 2300 mm
	Power consumption	190 W
	Touchscreen	No
	USB ports quantity	1
	Weight	80000 g
Packaging data	Remote control included	Yes
Performance	Operating hours (hours/days)	24/7
Ports & interfaces	BNC input ports	0
	DisplayPorts quantity	0
	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 images

