OUTDOOR DIGITAL SIGNAGE

XD-IP66 Series

Sealed outdoor displays

Maintenance-free sealed outdoor display equipment.



3000 nits

High brightness

IP66

Outdoor protection

32-75 inch

Six display sizes

Made for outdoor visibility.

High-brightness LCD signage for outdoor advertising applications.



Outdoor LCD displays for bus stops, hotels, shopping malls, subways and cinemas, delivering advertising reach, image quality and return on investment.

3000 nits
Sunlight-readable brightness

IP66
All-weather protection

IPS panel
Wide-angle viewing

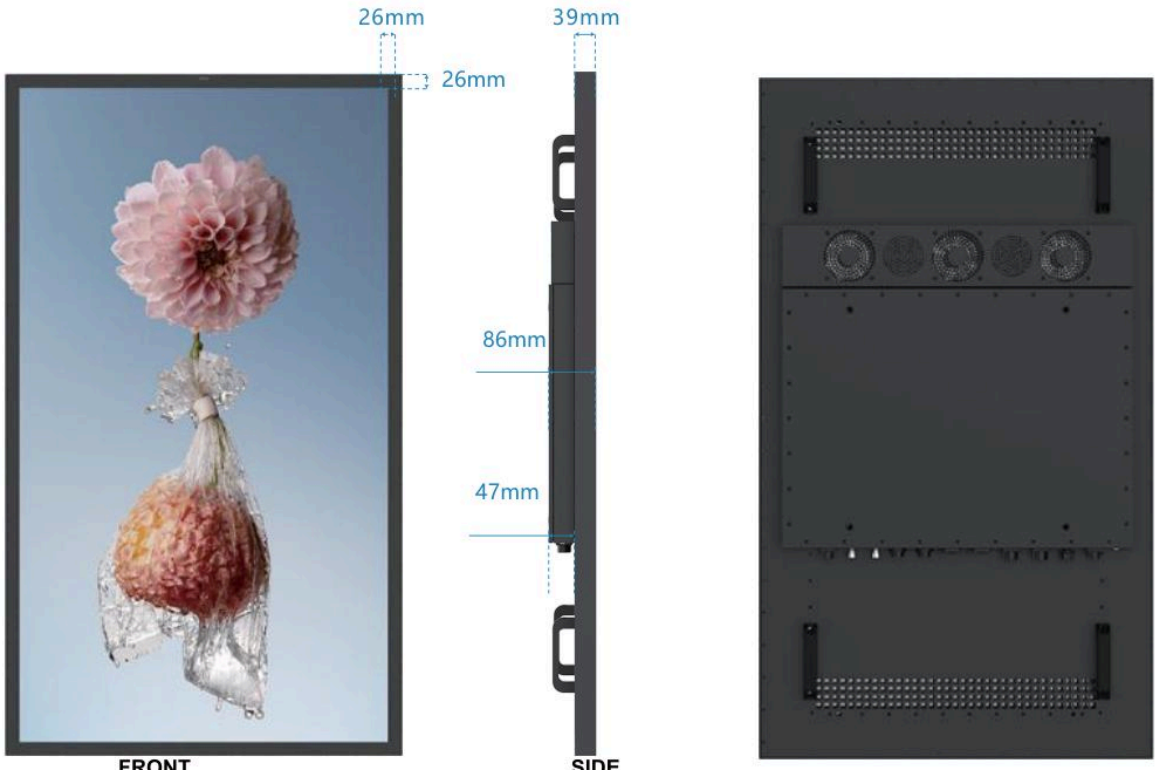
IK10 glass
Tempered protective glass

Slim depth
86mm enclosure depth

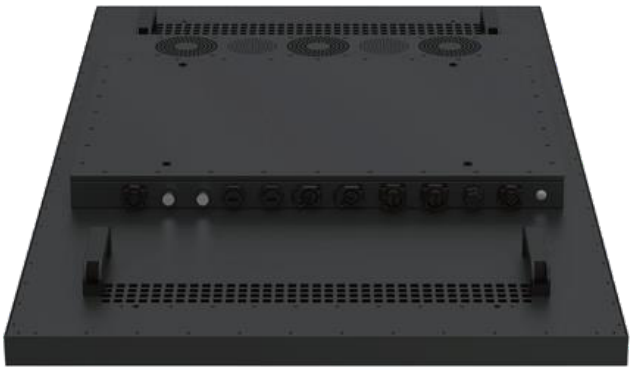
Two orientations
Landscape or portrait

Slim design. Accessible I/O.

Symmetrical front design, a narrow bezel and a sealed enclosure.



Four-side front symmetry with a 26mm narrow bezel and an 86mm enclosure depth.



01. AC100-240V IN

02. WIFI-1

03. WIFI-2

04. USB-1

05. USB-2

06. RJ45-1

07. RJ45-2

08. HDMI-1

09. HDMI-2

10. Brightness Knob

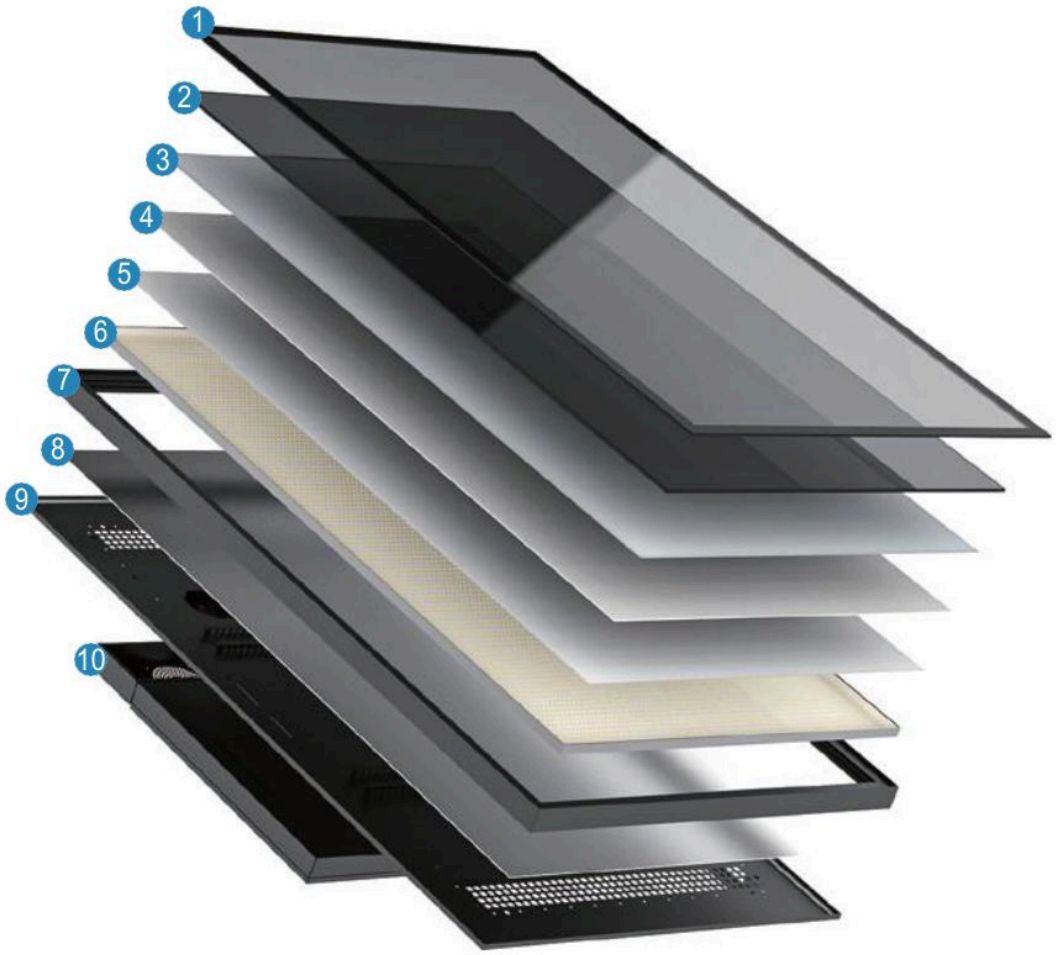
11. DC OUT

12. Reset Switch

Compatible with most motherboard models to facilitate functional expansion.

Built layer by layer.

Aluminum frame and plate with outdoor powder coating and fine-sand surface treatment.



1	IK10 tempered protective glass	2	High temperature OC
3	3M DBEF	4	Brightening film
5	High temperature diffusion plate	6	Mini LED backlight
7	Aluminum frame	8	Waterproof groove
9	Aluminum waterproof backplane	10	Tergum

Precision finish with a bright, peel-resistant surface and a light, slim form that saves outdoor installation space.

Thermal design & sealing.

Continuous, uniform heat dissipation and layered waterproof sealing.



Aluminum construction & sealing

All-aluminium unit with a backlight plate in direct contact with air exchange, plus three layers of automotive-grade outdoor silicone sealing.

Flexible installation formats.

Wall-mounted, floor-standing and QSR menu-board configurations.





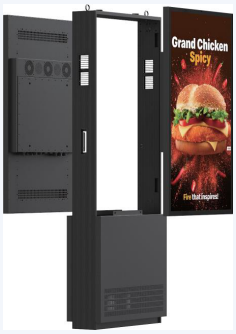
Mounting example 01



Mounting example 02



Mounting example 03



Mounting example 04

Installation options: wall mount, floor-standing, QSR 1 x 1, QSR 1 x 2 and QSR 1 x 3.

Visibility through the seasons.

High sunlight visibility, weather protection and heat-resistant construction.

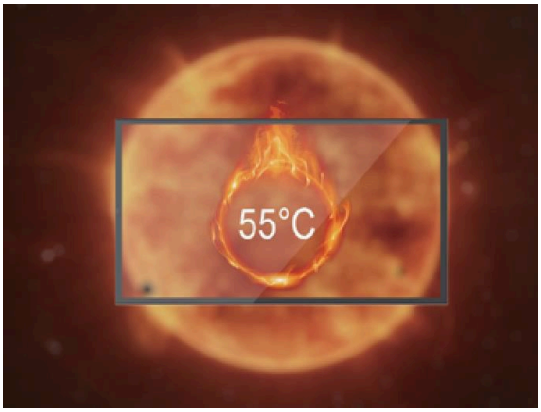


High visibility under strong sunlight: 3000-nit brightness for clear content and outdoor advertising.



All-weather proofing

Military-grade protection and adaptive technology for rain, dust and extreme temperatures.

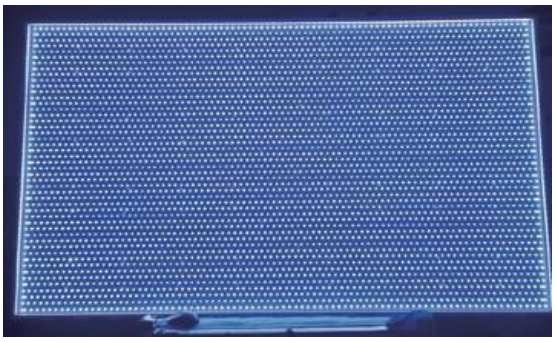


Wide-temperature glass

Industrial-grade glass and a high-temperature-resistant frame, rated for 55°C ambient temperature and 1100 W/m² solar radiation.

Optics, sensors & protection.

Backlight uniformity, automatic brightness and tempered cover glass.



Full Star Backlight

A dense array of small LEDs supports higher brightness, uniform illumination and a wider color gamut.



Automatic light sensitivity

A built-in light sensor adjusts brightness to ambient light. A thermal sensor triggers cooling when overheating.



IK10 protective glass

5mm tempered glass is used to protect the screen against external forces.



IPS panel technology

Wide 178° viewing angles keep color and image consistent from different positions.

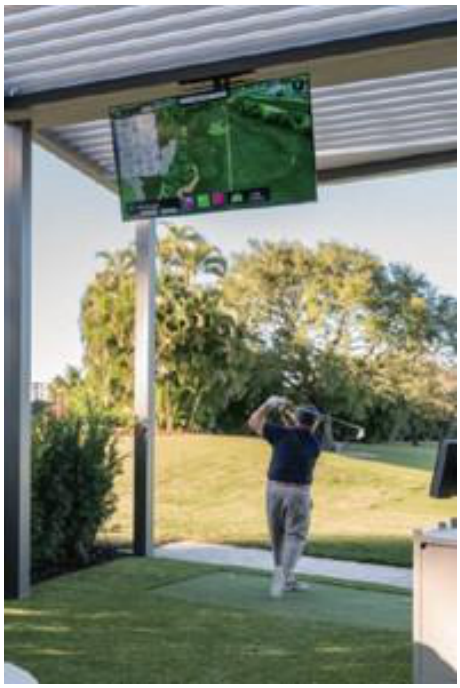
MULTIPLE SIZE OPTIONS



Outdoor display environments.

Portrait, landscape and building-mounted use.











Complete technical specifications.

Group	Specification	32 inch	43 inch	49 inch	55 inch	65 inch	75 inch
	Resolution	1920x1080	1920x1080	1920x1080	1920x1080	3840x2160	3840x2160
	Active Display Area(mm)	698.4x392.9	942x530.4	1075x 605	1210 x 680.8	1429 x 804	1651.2 x930.2
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Brightness(cd/ m2)	3000nit	3000nit	3000nit	3000nit	3000nit	3000nit
Panel	Contrast Ratio(Typ.)	1200:1	1200:1	1300:1	1200:1	1100:1	1200:1
	Viewing Angle(H/ V)	178/ 178	178/ 178	178/ 178	178/ 178	178/ 178	178/ 178
	Color	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
	Response Time(G-to-G)	10ms	8ms	8ms	6ms	9ms	8ms
	Operation Hour	24/ 7	24/ 7	24/ 7	24/ 7	24/ 7	24/ 7
Sound	Loud Speaker	10W, 8Ω (2 sets)	10W, 8Ω (2 sets)	10W, 8Ω (2 sets)	10W, 8Ω (2 sets)	10W, 8Ω (2 sets)	10W, 8Ω (2 sets)
	Type	Internal	Internal	Internal	Internal	Internal	Internal
	Power Supply	MEAN WELL IP68 XLG AC 100 - 240 V~ (+/ - 10 %),50/ 60 Hz					
Power	Max. power (W)	135	165	189	200	385	470
	Sleep mode	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W
	Off mode	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W
	Protection Glass	5mmAG	5mmAG	5mmAG	5mmAG	5mmAG	5mmAG
	Dimension mm	750.8*445.4*86	994*582.4*86	1127*657*86	1262*732.8*86	1481*856*86	1703.2*982.2*86
	VESA HOLE mm	250*300	400*400	400*400	400*400	600*600	600*600
Mechanical	Package Size mm	885*205*580	1125*205*710	1270*205*785	1400*205*860	1620*205*990	1845*205*1110
	Net Weight (kg)	16.5	25.9	31	36.8	49.5	65.5
	Gross Weight (kg)	20.75	31.45	38.1	44.5	60.5	83.5
	TNIScreen TNI	100°C	105°C	110°C	110°C	110°C	110°C
Environmental	Operating Environment Temperature	-25°C ~ 55°C	-25°C ~ 55°C	-25°C ~ 55°C	-25°C ~ 55°C	-25°C ~ 55°C	-25°C ~ 55°C
	Operating Humidity	10%~ 80 %	10%~ 80 %	10%~ 80 %	10%~ 80 %	10%~ 80 %	10%~ 80 %
	Storage Humidity	5%~ 95%	5%~ 95%	5%~ 95%	5%~ 95%	5%~ 95%	5%~ 95%
	Processor	RK3568 (2.0 GHz)					
	RAM	4G					
	Flash	32G					
	USB	USB2.0 HOST(X2)					
OS / Android Media Player	LAN	10M/100M Ethernet (Network version screen only)					
	External memory	16G/32G/64G					
	Multimedia	Video(MPG,AVI,MP4,RM,RMVB,TS), Audio(MP3,WMA), Image(JPG,GIF,BMP,PNG)					
	Media Resolution	1920*1080 3840*2160					
	Wi-Fi	802.11b/g/n (network version only)					
	Operating System	Android 11					
Certificate	Safety	CE ROHS IP66 PSE					
	Included	Scheduling software, Remote control, Key, Power cable, SD card					
Accessories	Quality assurance	1 Year (2-3 years optional)					
	Type of packaging	Carton box / honeycomb box + wooden case					

Specifications are subject to change without prior notice.