

55OP90FE

55'' UHD OUTDOOR HIGH BRIGHTNESS DISPLAY

Lead the outdoors with Hisense UHD digital signage. Our premier outdoor display delivers unmatched brightness for crystal-clear imagery, even in direct sunlight. Engineered to endure the harshest environments, its vandal-resistant and weatherproof design withstands impacts, graffiti, and extreme temperatures, while energy-saving technology significantly reduces power costs without compromising performance. Enjoy vibrant, impactful content 24/7 with reliable, low-maintenance operation that ensures your message always shines brilliantly.

Highlights

Industry-leading UHD Clarity Outdoors

Experience stunning Ultra HD resolution with Hisense's premier outdoor signage. Featuring advanced Mini-LED backlighting with multi local dimming zones, the display delivers stunning, impactful visuals that captivates audiences with exceptional detail, maximizing brand impact and information retention even at distance.

Unmatched Brightness for Sun Light Viewable

Boasting a remarkable 4,000 nits typical brightness, the display cuts through harsh sunlight. Your messages remain brilliantly clear and vibrant 24/7, ensuring maximum visibility and advertising effectiveness regardless of the time of day or weather.

Superior Energy Efficiency

The local dimming technology reduces power consumption compared to standard backlights, thereby lowering operational costs, while built-in temperature and auto-brightness sensors automatically optimize display brightness, clarity, internal temperature, and energy efficiency.

IP56 and IK10 Extreme Reliability

Featuring certified IP56 dust and water resistance and IK10 impact protection, the OP90 series display withstands harsh outdoor environments. This robust design ensures reliable, consistent performance in all conditions.

Smart Android 14 Platform for Effortless Management

Powered by Android 14 with a quad-core processor, 4 + 32GB storage, this signage is a smart digital hub. Easily deploy, manage, remote control and schedule playlists, with an intuitive and powerful built-in VisionInfo platform, significantly reducing the time and resources needed for content management.

Robust, Slim Design for Seamless Integration

Engineered with durable 4T tempered glass featuring UV/IR protection and anti-graffiti coating, the display resists fading, heat buildup, and vandalism. Its slim profile and narrow bezel allow for a sleek, modern installation that blends seamlessly into premium outdoor environments, complementing the surroundings.





Specifications

Digital Display Panel

Backlight Type	DLED
Type	ADS
Size	55"
Resolution	3,840 x 2,160 (16:9)
Refresh rate	60 Hz
Color Depth	1.07G (8 Bits+FRC)
Brightness(Typ.)	4,000 nits
Static Contrast Ratio (Typ.)	1,200:1
Dynamic Contrast Ratio (Typ.)	1,000,000:1
Response Time (Typ.)	8 ms
Viewing Angle (Min.)	178° / 178°
Color Gamut (Typ.)	72% NTSC
Glass	4T Glass with UV, IR Protection, IK10, Anti-Graffiti Coating
Orientation	Landscape & Portrait
Lifetime	up to 50,000 hrs
Operation Hours	7 Days x 24 Hours

Hardware

Operating System	Android 14
Processor CPU	ARM Cortex-A73 Quad Core
Memory	4GB DDR4
Storage	32GB EMMC
Temperature Sensor	Yes
Auto Brightness Sensor	Yes
Fan (Built-in)	Yes

Input

HDMI 2.0	x 2 (HDCP 2.3)
USB 2.0	x 1
USB 3.0	x 1
RS232 (3.5mm mini-jack)	x 1
HDBaseT (RJ45)	x 1 (LAN Common)
IR (2.5mm mini-jack)	x 1
Ambient Light Sensor (2.5mm mini-jack)	x 1

Output

LAN (RJ45)	x 1
Audio (3.5mm mini-jack)	x 1
RS232 (3.5mm mini-jack)	x 1

Environment

Operating Temperature	-30°C~50°C (w/o direct sunlight) -30°C~40°C (direct sunlight)
Operating Humidity	10%~80%, non-condensing

Power

Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption (Typ.)	310 W
Power Consumption (Max.)	500 W

Structure

Bezel Color	Black
Dimension (W x H x D)	1,260.2 x 732.2 x 70 mm
Bezel Width (T/L/R/B)	24.3 mm (even)
Net Weight	41 kg
Packing Dimension (W x H x D)	1,424 x 909 x 189 mm
Gross Weight	48.5 kg
VESA Mount	1,186 x 560 mm
Handle	w/o

Accessory

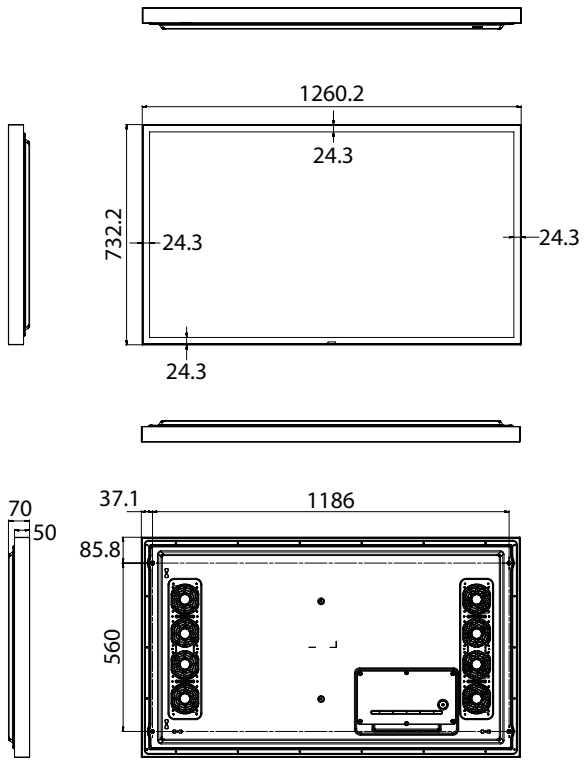
Standard	Remote Control & Battery, Power Card, Quick Setup Guide, RS232 Adaptor

Certification

EMC	Class A
IP Rating	IP56

Dimensions

55" 1,260.2 x 732.2 x 70 mm



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