

55”

24/7

4K ULTRA HD

4000

55WH80GE

55” WINDOW FACING HIGH BRIGHTNESS DISPLAY

Hisense commercial display solutions are ideal for high-volume retail and corporate installations. Featuring 4000-nit high-brightness and 4K playback in landscape or portrait modes, Hisense window-facing displays ensure excellent visibility—even under direct sunlight with polarized sunglasses—perfect for delivering high-impact messaging to target audiences. Powered by Android 14 and the built-in VisionInfo platform, they offer robust operation, real-time control, and seamless content distribution, while their energy-efficient design significantly reduces operating costs.

Highlights

4K UHD Resolution

Built to captivate in retail environments, this display delivers stunning 4K Ultra HD imagery in both landscape and portrait orientations. Its lifelike colors and crystal-clear details instantly grab attention, transforming window shoppers into engaged customers.

4,000 nits High Brightness

Engineered for 24/7 impact, 4,000 nits sustained brightness ensures our display captures attention that stays vibrant from dawn to midnight. Shoppers see every promotion in perfect detail, even through polorized sunglasses.

Built-in VisionInfo

Streamline your digital content with built-in VisionInfo. Our intuitive CMS & MDM platform empowers you to create, edit, organize, and control displays seamlessly—anytime, anywhere.

Android 14.0

Android 14 makes your window facing intelligent and allows you to install 3rd party apps without an external device. Experience powerful performance and fluid operation, unlock smarter displays and enhanced capabilities.

Energy-Efficient Operation

The WH80GE series delivers an impressive 4,000-nit brightness while supporting energy-efficient operation through an integrated ambient light sensor and RGBW backlight technology. Powered by local dimming zones, the WH80GE optimizes power usage without compromising visual performance.

Minimalist Slim Design

Unlock premium display potential with our 58mm ultra-slim design. It saves critical space while showcasing your products with unmatched elegance.





Specifications

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
Response Time(Typ.)	12 ms
Viewing Angle(Min.)	178° / 178°
Colour Gamut(Typ.)	72% NTSC
Haze	1%
Orientation	Landscape and Portrait
Lifetime	up to 50,000 hrs
Operation Hours	7 Day x 24Hour

System

Operating System	Android 14
Processor CPU	ARM Cortex-A73 Quad Core
Memory	4G DDR4
Storage	32G EMMC

Connectivity

WI-FI	Wi-Fi 6 (Dual-band 2.4/5 GHz, IEEE 802.11a/b/g/n/ac/ax)
Bluetooth	BT5.4
Input	HDMI 2.1 x1 (HDCP 2.3) HDMI 2.0 x2 (HDCP 2.3) USB 2.0 x1 USB 3.0 x1 RS232 x1 (3.5mm mini-jack) LAN x1 (RJ45) IR x1 (2.5mm mini-jack) Ambient Light Sensor x1 (2.5mm mini-jack)
Output	RS232 x1 (3.5mm mini-jack) HDMI x1 Audio x1 (3.5mm mini-jack)

Physical

Bezel Color	Black
Set Dimension (W×H×D)	1,232.6 x 704.6 x 57.9 mm
Bezel Width (T/L/R/B)	9.9 mm (Even)
Net Weight	27.7 kg
Packing Dimension (W x H x D)	1,484 x 857 x 173 mm
Gross Weight	33.6 kg
VESA Mount	400 x 400 mm, 4-M6 screw

Power

Power Supply	AC 100~240 V, 50/60Hz
Power Consumption (Typ.)	180 W
Power Consumption (Max.)	380 W
Standby Consumption	<0.5W

Speaker

Built in speaker	10W x 2

Environment

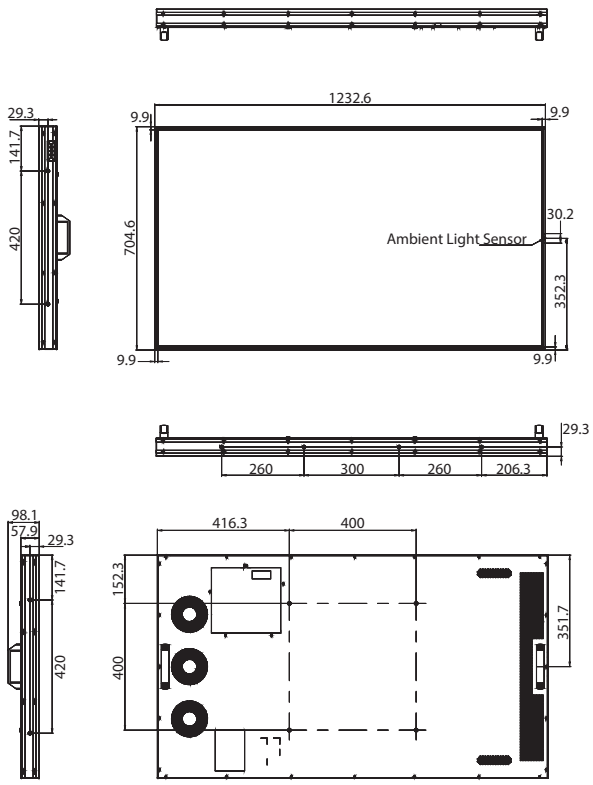
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Operating Humidity	10% ~ 80% Non-Condensing

Certification

Standard	CE / CB / UKCA / cTUVus / CEC / FCC / IC / ERP / RCM
EMC	Class A
IP Rating	IP5X (front)

Dimensions

55” 1,232.6 x 704.6 x 57.9 mm



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