Hisense | COMMERCIAL DISPLAY



WH80GE

HIGH BRIGHTNESS DISPLAYS

55WH80GE / 75WH80GE



SMART MANAGEMENT DISPLAY

ENGINEERED FOR HIGH-IMPACT INSTALLATIONS

Hisense window-facing displays are engineered for high-traffic retail and outdoor public spaces. Featuring 4000-nit ultra-high brightness and 4K playback in both landscape and portrait orientations, they deliver outstanding visibility, even in direct sunlight and when viewed through polarized sunglasses.

Designed to maximize audience impact, these displays ensure messaging remains vivid and engaging. Powered by Android 14 and the integrated VisionInfo platform, they enable reliable performance, real-time control, and seamless content distribution, while an energy-efficient design helps significantly reduce operating costs.

WH80GE

HIGH BRIGHTNESS DISPLAY



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.

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.

Android 14.0

The Android 14 smart OS enables seamless installation of third-party applications without additional hardware. Experience powerful performance and fluid operation, unlock smarter displays and enhanced capabilities.

4000 nits

Engineered for 24/7 impact, 4,000 nits of sustained brightness ensures the display remains vivid and eye-catching throughout the day. From bright daytime conditions to evening hours, content stays clear, consistent, and easy to read.

Hisense

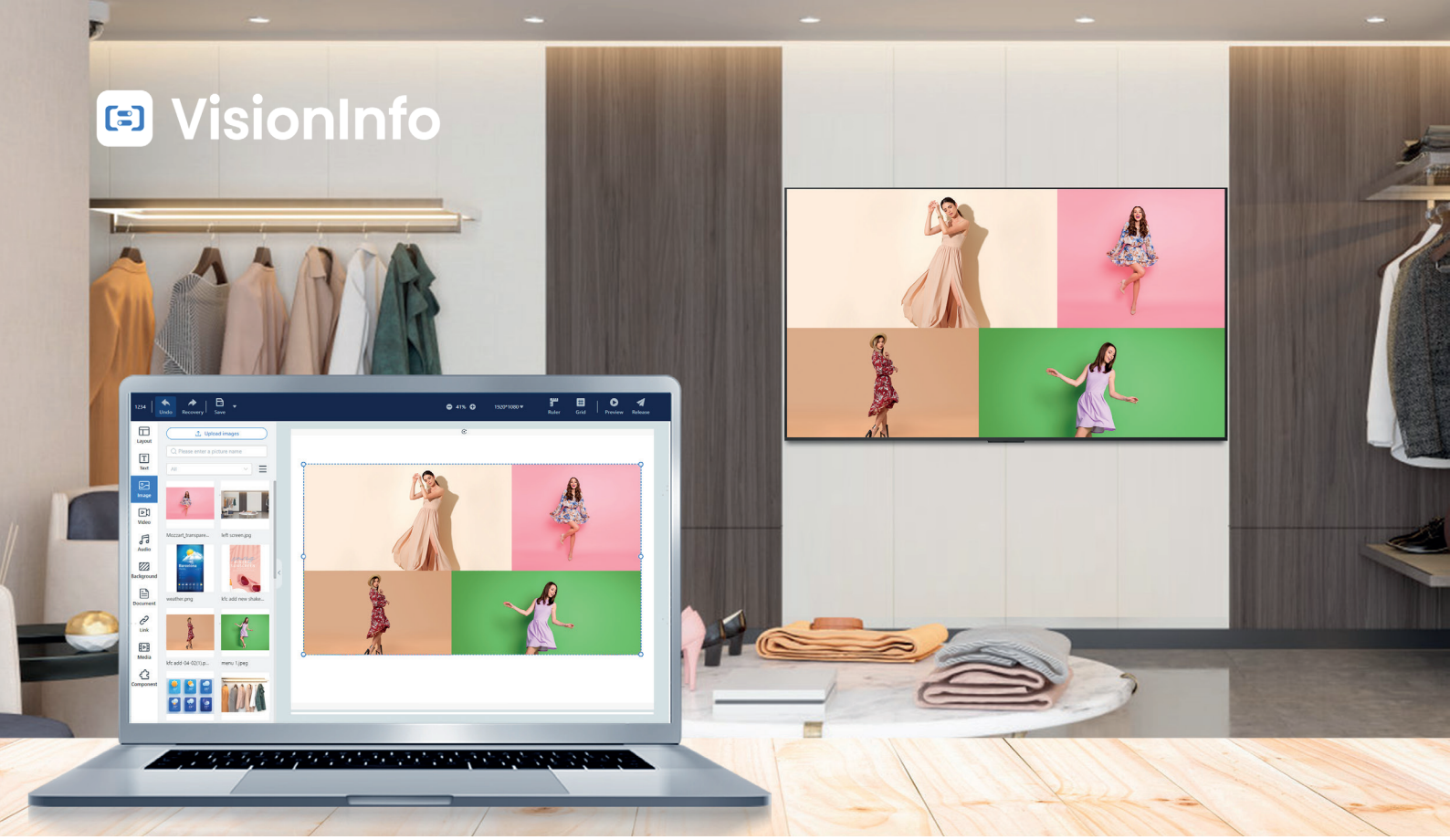
Smart Ambient Light Sensor

The display's built-in ambient light sensor automatically adjusts brightness to ambient conditions, ensuring optimal viewing comfort. It features an energy-efficient design that optimizes power use without compromising visual quality.



Sleek Modern Design

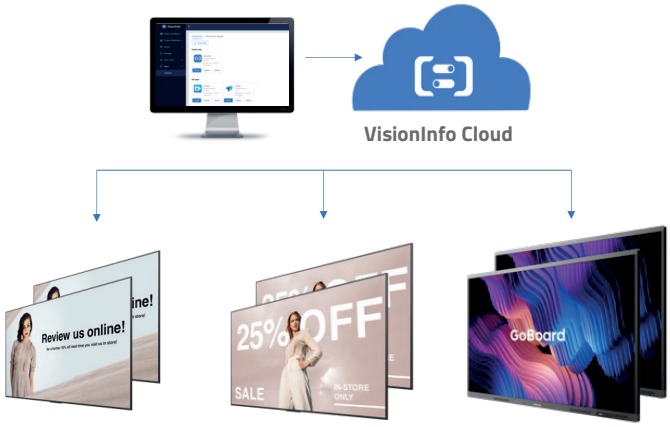
The WH80GE captivates with an elegant design, featuring ultra-slim 9.9mm even bezels and a slim 58 mm profile. Its flush-mounted rear panel ensures perfect wall alignment, maximizing valuable retail space in window display installations



Why Choose VisionInfo for the Window Facing - High Brightness Display

Flexible and Scalable Solutions

VisionInfo from Hisense is our cloud-based digital signage software which is flexible, cost-effective, and infinitely scalable for users. VisionInfo includes a comprehensive CMS solution and advanced remote display management features. It provides users the freedom to edit and publish content while ensuring it looks great across all displays in a system. It is a powerful, effective and easy to use tool to manage content and control your displays at anytime from anywhere.





Key Features

- Web browser editor UI
- Drag-and-drop visual editor
- Supports website integration
- Supports live streams
- Supports Office documents and PDF's
- Supports Widgets
- 4K resolution playback
- Offline content playback
- Program preview and publish approval
- Advanced program scheduler
- Custom template layouts
- Playback statistics

VisionInfo

The Complete Solution

1 Intelligent Content Management

Effortlessly manage, customize and deliver your message with our intuitive CMS platform. Streamline content creation and engage your audience with our powerful, user-friendly platform.

- Content Creation
- Dynamic Scheduling
- Content Publishing

2 Enterprise-Grade Device Management

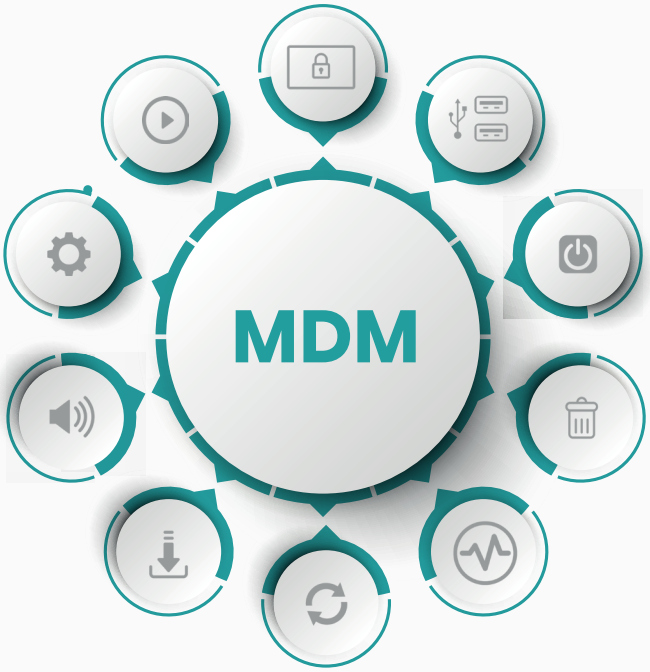
Empower your business with remote monitoring and control of displays on an installation. Safeguard your digital content with the robust security features of VisionInfo. Protect your displays and marketing content from cyber threats, ensure data privacy, and enjoy total peace of mind.

- Remote Moitoring
- Complete Control
- Error Notifications

3 Enhanced Data Management

Unlock the power of data with our advanced analytics and reporting feature within VisonInfo. Gain valuable insights, make data-driven decisions, and maximize the performance of your content.

- Routine Automation
- Data Analysis
- Visual Reporting



Mobile Device Management

- View the status of remote displays - online/offline, CPU and memory running status
- Real-time display control - power off, screen sleep/ wake up, reboot, switch signal source, screen lock/ unlock, USB disable/enable
- Remote desktop real-time monitoring
- Scheduled tasks to control displays - power On/ off, screen sleep/wake up
- Remote software management - APP installation and uninstallation, remote OS Upgrade
- Display usage statistics



ULTRA-BRIGHT DISPLAYS

IMPOSSIBLE TO IGNORE

Hisense high brightness displays are engineered to cut through ambient light and demand attention, day or night, indoors or in direct sunlight. The WH80GE delivers exceptional clarity even in the most challenging retail and commercial environments, ensuring your content is always seen at its best. With consistent, vivid image quality across extended operating hours, these displays are built for the demands of high-footfall spaces.

Specifications

WH80GE Series

Model	55WH80GE	75WH80GE
Backlight Type	DLED	DLED
Type	ADS	ADS
Size	55″	75″
Resolution	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)
Refresh Rate	60 Hz	60 Hz
Color Depth	1.07G (8 Bits+FRC)	1.07G (8 Bits+FRC)
Brightness (Typ.)	4,000 nits	4,000 nits
Static Contrast Ratio (Typ.)	1,200:1	1,200:1
Response Time (Typ.)	12 ms	9 ms
Viewing Angle (Min.)	178° / 178°	178° / 178°
Color Gamut (Typ.)	72% NTSC	72% NTSC
Haze	1%	1%
Orientation	Landscape & Portrait	Landscape & Portrait
Lifetime	up to 50,000 hrs	up to 50,000 hrs
Operation Hours	7 Day x 24 Hour	7 Day x 24 Hour
Operating System	Android 14	Android 14
Processor CPU	ARM Cortex-A73 Quad Core	ARM Cortex-A73 Quad Core
Memory	4G DDR4	4G DDR4
Storage	32G EMMC	32G EMMC
WiFi	Wi-Fi 6 (Dual-band 2.4/5 GHz, IEEE 802.11a/b/g/n/ac/ax)	Wi-Fi 6 (Dual-band 2.4/5 GHz, IEEE 802.11a/b/g/n/ac/ax)
Bluetooth	BT5.4	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)	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)	RS232 x1 (3.5mm mini-jack) HDMI x1 Audio x1 (3.5mm mini-jack)
Bezel Color	Black	Black
Set Dimension (W x H x D)	1,232.6 x 704.6 x 58 mm 48.53 x 27.74 x 2.28 inch	1,674 x 953 x 58 mm 65.91 x 37.52 x 2.28 inch

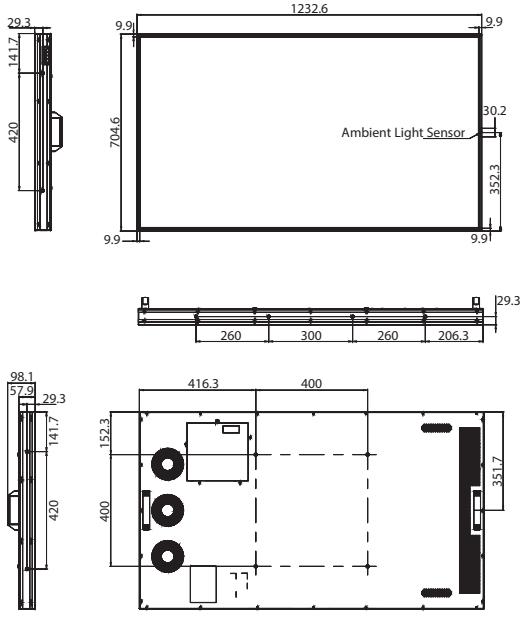
Product specifications may vary per region, and specifications are subject to change. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.

Specifications

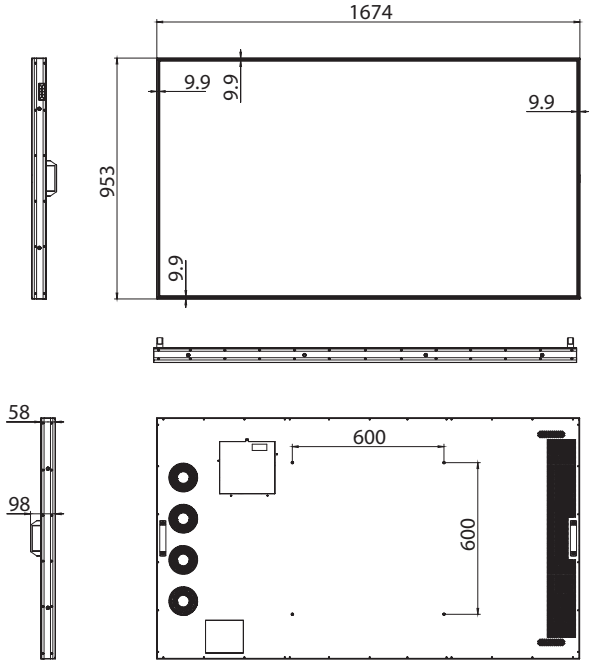
WH80GE Series

Model	55WH80GE	75WH80GE
Bezel Width (T/L/R/B)	9.9 mm (Even)	9.9 mm (Even)
Net Weight	27.7 kg / 61.07 lbs	46.1 kg / 101.63 lbs
Packing Dimension (W x H x D)	1,484 x 857 x 173 mm 58.5 x 33.7 x 6.8 inch	1,852 x 1,137 x 185 mm 72.91 x 44.76 x 7.28 inch
Gross Weight	33.6 kg / 74.08 lbs	57.4 kg / 101.63 lbs
VESA Mount	400 x 400 mm, 4-M6 Screw	600 x 600 mm
Power Supply	AC 100~240V V, 50/60Hz	AC 100~240V V, 50/60Hz
Power Consumption (Typ.)	180 W	310 W
Power Consumption (Max.)	380 W	700 W
Standby Consumption	0.5 W	0.5 W
Built in Speaker	10W x 2	10W x 2
Operating Temperature	0°C~40°C / 32°F~104°F	0°C~40°C / 32°F~104°F
Operating Humidity	10%~80% Non-Condensing	10%~80% Non-Condensing
Standard Certification	CE / CB / UKCA / cTUVus / CEC / FCC / IC / ERP / RCM	CE / CB / UKCA / cTUVus / CEC / FCC / IC / ERP / RCM
EMC	Class A	Class A
IP Rating	IP5X (front)	IP5X (front)

55” 1,232.6 x 704.6 x 58 mm / 48.53 x 27.74 x 2.28 inch



75” 1,674 x 953 x 58 mm / 65.91 x 37.52 x 2.28 inch



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