

# BRIGHTER IS BETTER. PROFESSIONAL DISPLAY SOLUTIONS



Large-screen displays with a brightness of **800 Cd/m<sup>2</sup>** for clear, accurate information, suitable for high ambient light conditions.

## UHD Resolution with 800 Nits Brightness

UHD resolution provides super crisp image quality, along with an 800 Nits brightness to ensure vibrant and colorful content, even in locations with high ambient light levels. So it is compatible with installation in atriums exposed to glare and outdoor display windows.



## Anti-glare Treatment

Adopts an anti-glare treatment panel (Haze 28%) to suppress the reflected glare of bright light, it is ideal for retail spaces and public transportation venues.



## USB & URL Auto Launch

QM8 series displays incorporate auto launch features that allow the end customer to automatically present content from USB Media, or by specifying a URL to run in a full screen browser mode.

## Open Platform Support

Our SoC supports API that further supports solution providers while developing HTML5-based applications to be installed & used on our displays.



## Android OS Ver.9 SOC



Quad Core A55 CPU

Mali G31 MP2 GPU

2 GB RAM

16 GB Memory

2.4 / 5 GHZ Wifi



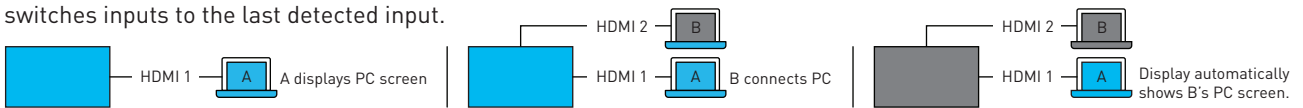
## Supports LAN or RS-232 C Control Connection

The QM8 Series can be controlled by LAN or RS-232C. You can configure the display into your existing control system. It also supports Crestron Connected™ LAN control along with SNMP compatibility.



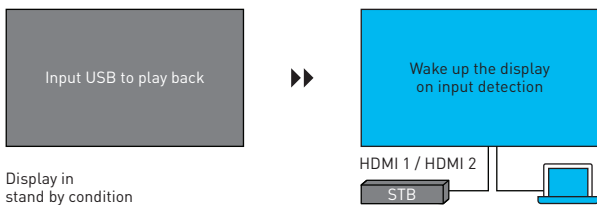
## Input Detect, Input Switch & Failover Function

While changing the presenter, just connect the cable to switch to the new presenter's input without using remote control or switching device. If the input signal connected disappears, or there is a new input detected, the display automatically switches inputs to the last detected input.



## Auto Wake Up on Input\*

Wake Up the display just by connecting the input cable with input signal. If the display is in stand-by mode, just connect the HDMI1, HDMI2 or PC Cable with the input signal and the display will automatically turn on and detects the desired signal.



\*Works only on HDMI 1 HDMI 2 & PC terminal Signals

## Easy Upgrade

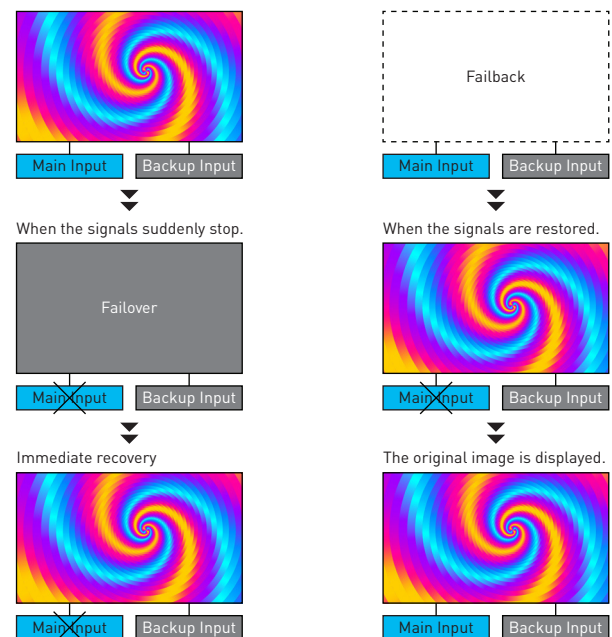
The QM8 Series can be easily upgraded, as the design can accommodate OPS modules (both Windows and Android) without the need for any additional power or video cables.



\*ODS is optional / accessory

## Failover and Failback Safeguards for Mission Critical Situations

If the main video and audio signals are interrupted, the system immediately switches to alternative signals. If the main signals are restored, the original image is displayed. This makes it ideal for mission-critical control rooms and surveillance centers.





HDMI 2.0 IN x 4  
Connectivity

HDMI Out x 1

PC Input

USB 2.0 X 3

RJ12 Sensor In

RJ45

RS232

SPDIF Out

Audio IN/out x 1

Wireless  
Connectivity

USB Auto-Play

24/7 Operation

## HDR10 & 4K HDMI @60Hz

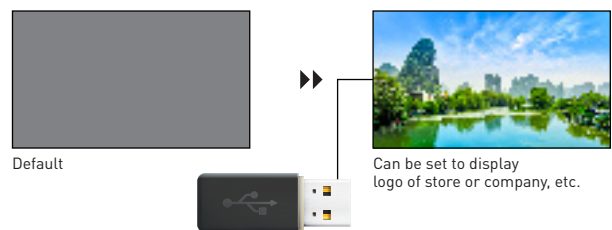
With HDR10 compatibility, customers can guarantee that all featured content meets HDR guidelines and reaches superior picture quality as clearly and brightly as possible. Different than many products in the market, 4K content over HDMI source is supported at 60Hz.



## Image setting function

During start-up, you can set the image of your choice to be displayed. Image data can be saved to the display via USB memory.

Start-up (Display Power ON):


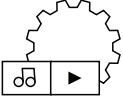




## Multiple input option



Four times higher resolution quality than Full HD has been achieved to display 4K/60p video that expresses images in detail. Compatible with a wide range of applications, for a design that blends into spaces. Supports portrait installation, and 24/7 continuous operation. Ideal for installation in public spaces. A slot with Intel® SDM (Smart Display Module) specifications has been adopted. Equipped with four HDMI input terminals that support HDMI CEC. The QM8 Series has a USB Type-C terminal to connect with a PC or tablet. Also compatible with Crestron Connected™.

# FEATURES OF PANASONIC **SIGNEDGE** SOLUTION

<p><b>Feed Capabilities</b> RSS and HTML feeds display real time data.</p>	 <p><b>Content Streams</b> Customize your layout format based on users' needs.</p>	<p><b>Videos &amp; Live TV</b> Stream HD videos, play live TV videos.</p>
<p><b>Real-time Widgets</b> Live information on news, weather, etc.</p>	 <p><b>Player Management</b> Manage everything directly from the dashboard and get all the reports.</p>	<p><b>Customer Service</b> Pan India support and assistance.</p>
<p><b>Alerts</b> Display any alerts in real-time without any delay.</p>	 <p><b>Content Management</b> Manage where and when to display and for how long.</p>	<p><b>Upgrades</b> Simultaneous push upgrades over the network.</p>
<p><b>Social Media</b> Link Facebook, Twitter and other social media feeds.</p>	 <p><b>Custom Announcement</b> Variety of fonts, colours and photo options.</p>	<p><b>User Admins</b> Authorised edit access to chosen admins.</p>
<p><b>Import Files</b> Make use of PowerPoint, Word, PDF, Excel and other formats.</p>		<p><b>Share Multiple Displays</b> Project the content on multiple displays irrespective of the location.</p>

## Reports

Get the organised reports about all your display status & CMS software. Display media player on/off, assigned content report, user activity report.

## Integration Capabilities

Easy integration with any software & mobile application.


## Schedule

Choose your preferred time and date to display various content automatically.

## Creator and Approver


Approve your content from the approval authority before projecting it on screen.

\*Optional Software




**Design & Integration:** Based on customer needs, an experienced team designs & integrates the system.

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**Installation & Maintenance:** Professional installation & technical support for all hardware [display to media players], and software [CMS on Perpetual or cloud].

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**Cloud Management:** Reducing hardware failures and saving on costs with virtual services and network backups.

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**Helpdesk:** Let the Panasonic helpdesk create your layout, manage, schedule & publish your digital content.

# SPECIFICATIONS

Model	LH-43QM8VS	LH-55QM8VS	LH-65QM8VS
<b>Panel</b>			
Screen Size	109 cm	139.7 cm	165 cm
Brightness (typical)	800 cd/m <sup>2</sup>		
Native Resolution	3840 x 2160 (16:9) - UHD		
Dynamic Contrast Ratio	50000:1		
Active Area (H x V)	941.1 (H) x 529.4 (V) mm	1209.6 (H) x 680.4 (V) mm	1428.5 (H) x 803.5 (V) mm
Viewing Angle	178° Vert., 178° Hor.		
Haze Level	28%		
Orientation	Landscape / Portrait		
Operation Hours	24 / 7		
<b>Mainboard</b>			
OS	Android 9		
Memory	2 GB DDR4		
Storage	16 GB eMMC		
Additional Storage	Micro SD (up to 1TB)		
CPU	Quad-Core ARM Cortex-A55		
GPU	ARM Mali-G31 MP2		
Wired	10/100/1000 Mbps Ethernet		
HTML5 Browser	Vewd		
WiFi	WiFi 5 (802.11 a/b/g/n/ac)		
<b>Monitor Connectivity</b>			
Video Input	4xHDMI2.0, 1xDP1.2a, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1xUSB-C 3.0		
Video Output	1xHDMI2.0		
Audio Output	Headphone, Optic SPDIF		
External Control	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)		
External Sensor	RJ12		
<b>Mechanical</b>			
Product Dimensions (WxDxH)	963 x 83 x 555 mm	1236 x 83 x 709 mm	1456 x 96 x 834 mm
Product Weight	10.4 kg	17.25 kg	24.4 kg
Vesa Mounting	200 (W) x 200 (H) mm M6	400 (W) x 200 (H) mm M6	600 (W) x 400 (H) mm M6
Bezel Width (T/L/R/B)	B: 9 mm, T/L/R: 6 mm	B: 11 mm, T/L/R: 9 mm	B: 14 mm, T/L/R: 10 mm
OPS Slot	Yes		
<b>Environmental Conditions</b>			
Operating Temperature	0-40°C		
Operating Humidity	10-90%		
<b>Power</b>			
Power Supply	110 VAC - 240 VAC - 50/60 Hz		
Current Rating	1.8 A		2.5 A
<b>Power Consumption</b>			
Typical	127 W	138 W	194 W
Deep Standby	≤0.5 W		
<b>Features</b>			
Main Features	HTML5 CMS Launcher, Android CMS Launcher, Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD and UI Rotation, Video Rotation, NoSignalPowerOff, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock, Crestron Connected, SNMP, Panasonic RS232 Protocol		
Mechanical Features	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover, OPS comp		
Speaker	2x10 W		
<b>Accessory</b>			
Standard	QSG, IB, Power Cord, Remote Control, Wall mount, IR extender		
<b>Certification</b>			
BIS	Yes		

**Panasonic**  
**CONNECT**

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