

Available from June, 2022

Availability varies depending on the region & model

4K UHD Professional Display

EQ2 Series

86-inch TH-86EQ2W

75-inch TH-75EQ2W

65-inch TH-65EQ2W

55-inch TH-55EQ2W

50-inch TH-50EQ2W

43-inch TH-43EQ2W



2022.04.08

Panasonic
CONNECT



Professional 4K Displays Ideal for Widening Needs of Corporates and Classrooms



500 cd/m²

4K
PROFESSIONAL18h
OperationUSB
Media
Player

Portrait

intel
SDM
specification

	TH-86EQ2	TH-75EQ2	TH-65EQ2	TH-55EQ2	TH-50EQ2	TH-43EQ2
Screen Size	86-inch	75-inch	65-inch	55-inch	50-inch	43-inch
Brightness	500cd/m²					
Contrast	1200:1				5000:1	1200:1
Resolution	4K(3840 x 2160)					
Operation Time	18 hours/day					

High visibility and installation properties

- **Brightness of 500 cd/m²** ensures high visibility in bright environments
- **High haze panel** suppress the reflected glare of lighting
- Support **flexible Installation** (Portrait/Tilt)
- Continuous operation for **18 hours per day**

Scalability that enables cooperation with various systems

- Equipped with **3 HDMI input terminals**
- **USB TYPE-C terminal** enables to deliver power to the PC
- Adopts the **Intel® SDM specification slot**
- Supports LAN control with **AMX or Crestron Connected™**
- Compatible with **Screen Transfer** software

Enhanced functions useful for communication

- Features a **built-in whiteboard** function(Mouse Annotation)
- **USB Pass Through function** enables to control USB device connected to the display via USB-A, from a PC connected via USB-C

Displays 4K resolution video with a brightness of 500 cd/m² to ensure High Visibility



4K Resolution

Images are highly detailed with approximately 8,290,000 pixels, or about four times the pixels of a Full-HD display.



Brightness of 500cd/m²

Ensures high visibility even in bright spaces such as open spaces and other new spaces such as huddle rooms.



Delivers high-definition images regardless of the viewing position or location

High Haze Panel

Adopts Anti-glare treatment panel (Haze 25%).
suppress the reflected glare of outside light and lighting

Low Haze



Anti-glare Treatment
(Haze25%)



※Image is for illustrative purposes only

Wide-viewing angle ADS¹ panel

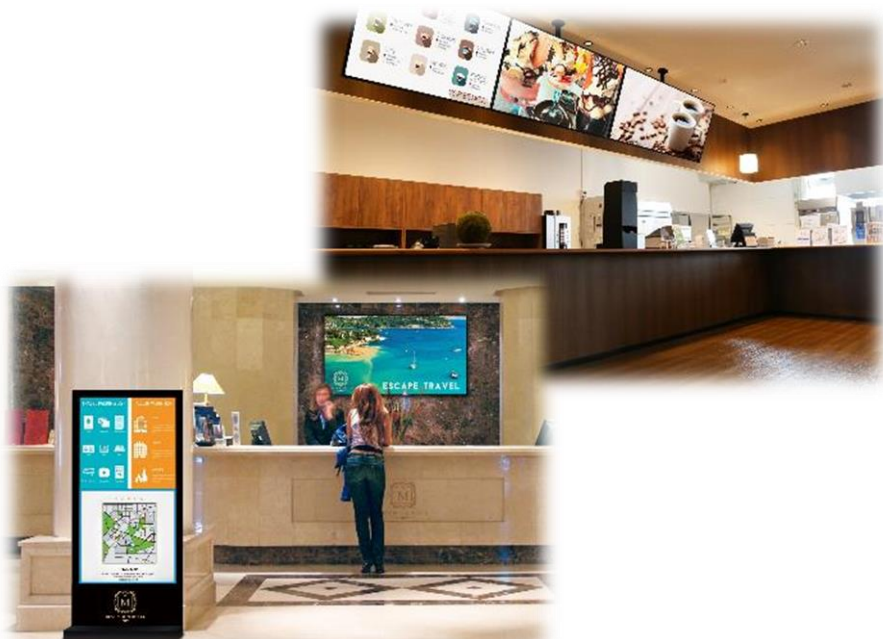
There is very little change in color, compared with the VA panel,
when the screen is viewed at right or left angles

¹ 50EQ2 adopts VA Panel

Wide-viewing angle
Splendid color from anywhere



Flexible Installation & High Durability support various usage scenarios



Flexible Installation

Vertical and tilt installation allows you to choose proper installation direction according to the content.



18 hours/day Continuous Operation

You can use it in situations where long-term operation is required such as reception area or bulletin board.

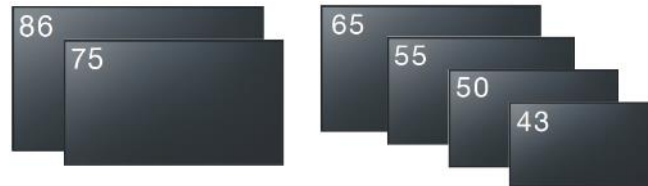


Abundant Size Lineup & Stylish Design makes the Display blend into the space

Abundant Size Lineup

Available in six models. (86/75/65/55/50/43-inch)

Choose a screen size which fits to your installation space.



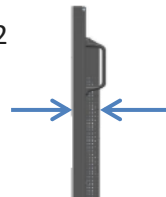
Slim and Stylish Design

Supporting ADA² with depth less than 100mm (4") with brackets.

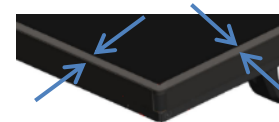
Narrow bezel will display higher impact image.

ex. 65EQ2

² ADA compatible model : 65/75/86EQ2



Depth 70mm (2.74")
(wo/Handles)

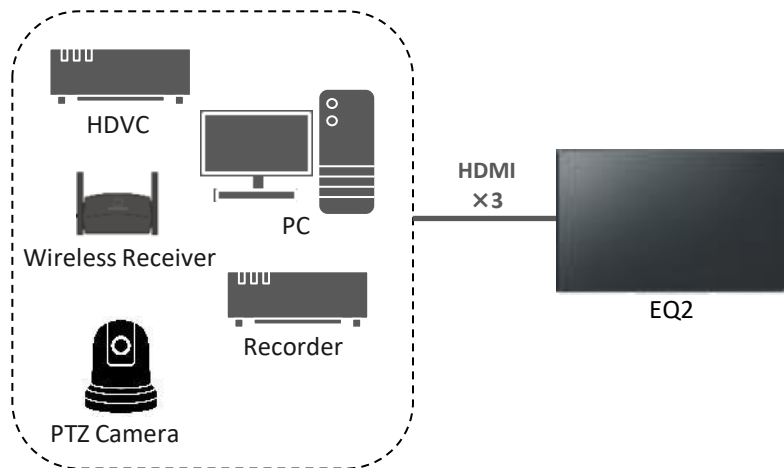


Bezel Width 14.9mm (0.59")
(T/R/L/B)

Various input terminals enables to connect multiple devices according to the usage

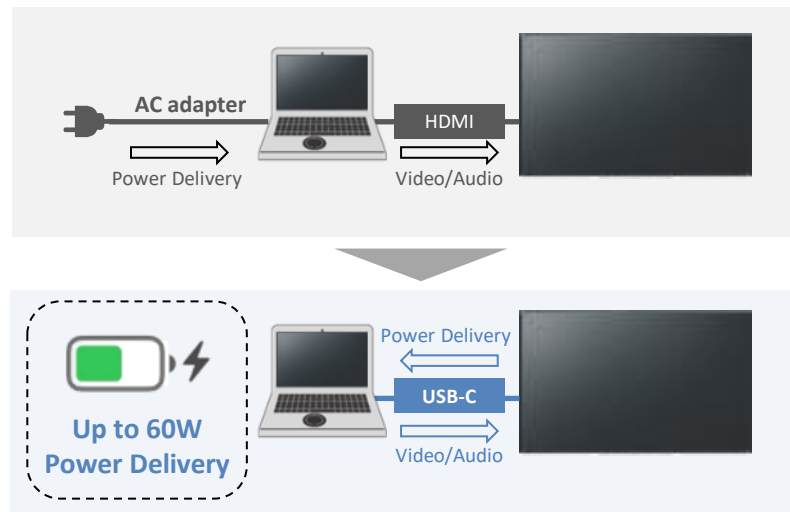
3 HDMI input terminal

Able to connect external devices according to the usage environment to display various video contents.



USB TYPE-C Terminal

Outputs Video/Audio while delivering power to PC



Functionality can be expanded with the Intel® SDM specification slot

Intel® SDM specification SLOT

Equipped with the Intel® SDM specification slot standard that supports 4K signals.



Usage Scene

Meeting Room



WPS



Digital Signage



PC Board



Broadcast/Event



Terminal Board



Enhanced LAN Solution that supports your efficient operation

Supports LAN Control Connection

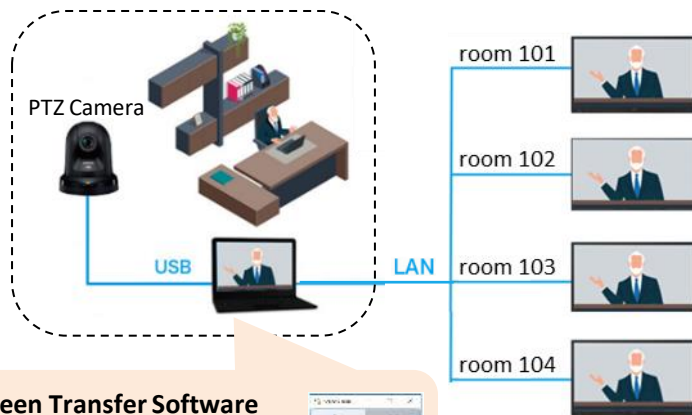
EQ2 series can be controlled by LAN or RS-232C.
It also supports AMX or Crestron Connected™(V2) LAN Control.



You can configure the display into your existing control system, and can control several devices simultaneously.

Screen Transfer

Software that delivers movies, images and live video from PC to up to 64 displays that are connected by wired LAN.



Screen Transfer Software

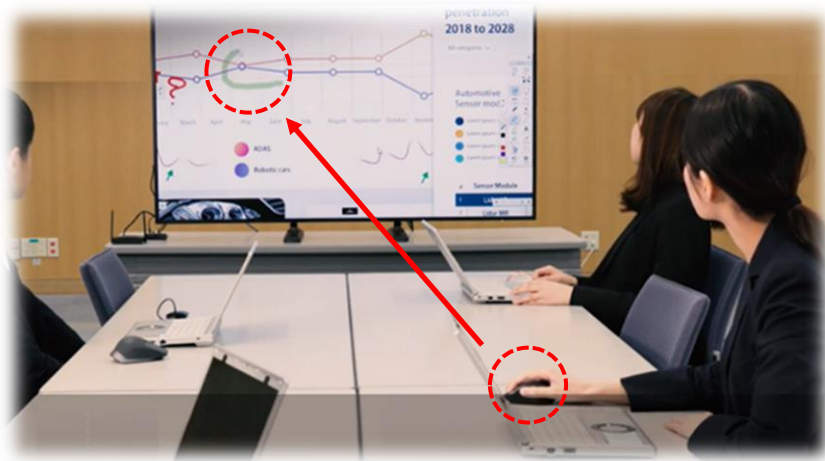
※Download the installer from the Web browser control screen



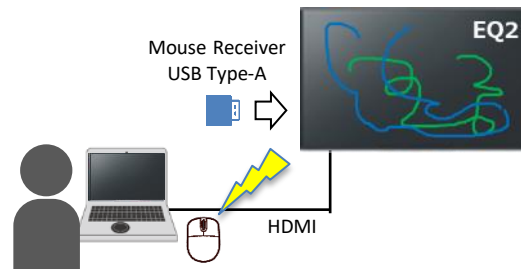
Function which enables attendees to annotate the display by using their own mouse

Built-in Whiteboard (Mouse Annotation)

Able to write onto the display screen out with the mouse.
You can also zoom the screen by scrolling the mouse wheel.



- Connect the USB receiver of your mouse to the display



- Up to eight people can annotate by using USB hub.



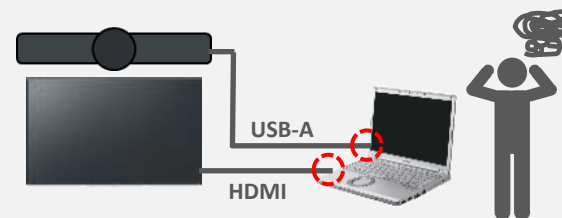
Start meetings immediately in a room where a USB device is permanently installed

USB Pass Through

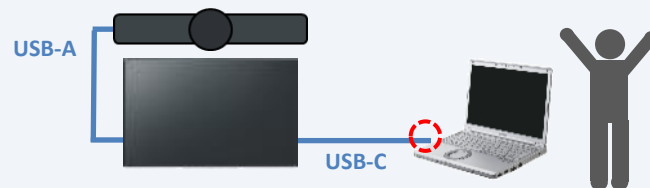
Control USB device connected to the EQ2 via USB-A, from a PC connected via USB-C



Connect USB Device & Display to your PC per meeting



Just connecting a USB-C cable to your PC



Easily provides 4K Digital Signage without using a PC or set-top box

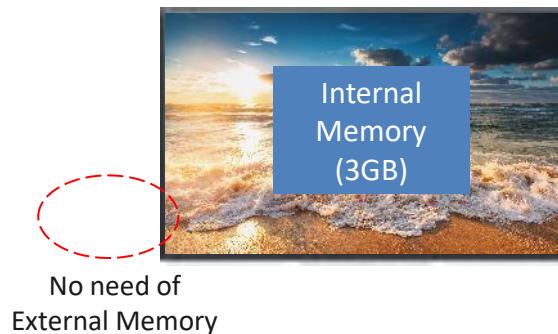
USB Memory

Displays the contents saved in a USB memory by inserting the USB memory device into the display



Internal Memory

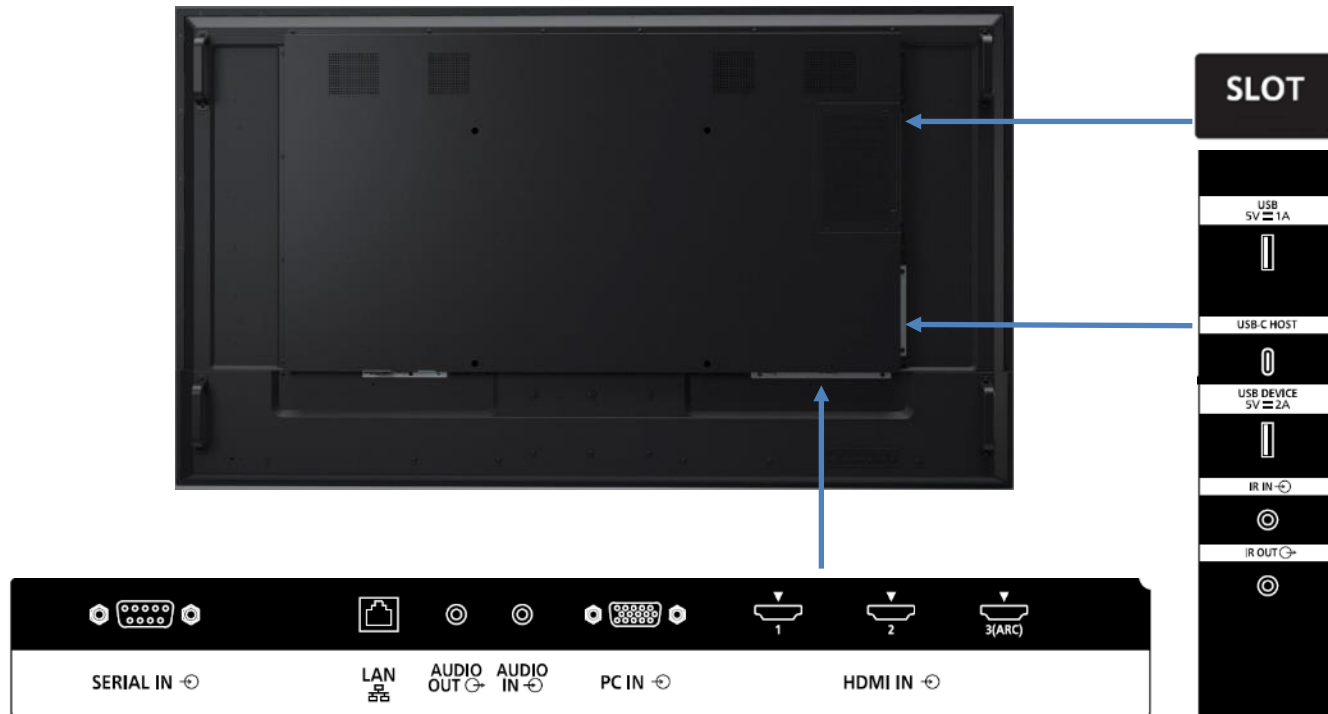
Features a 3GB internal memory. By saving the contents to this memory, Signage can be provided only with the EQ2.



- Input search/Input detection
- Failover/Failback
- Digital ZOOM
- Multi display setting/display
- Portrait zoom
- Power ON screen delay
- Auto setup
- Screensaver
- Power Management settings
- Power save
- Button lock
- RC control lock
- 12-segment color management
- Dynamic contrast
- Color enhancement
- Refine enhancer
- Gradation smoother
- Dynamic backlight control
- Set up timer
- Web browser control
- PLink™ (Class2)
- SNMP
- Image settings
- HDMI-CEC compatible
- Memory viewer
- Data cloning
- Blue light reduction mode
- Multi Monitoring & Control Software compatible
- Video Wall manager compatible
- Content Management Software compatible

³ This table is part of the function. It does not describe all of the functions

Terminals
HDMI1
HDMI2
HDMI3
PC In
Audio In/Out
USB TYPE-A
USB TYPE-A
USB TYPE-C
Serial
LAN
SLOT



ex. 65EQ2 : Back design differs depending on the model.

		TH-86EQ2W	TH-75EQ2W	TH-65EQ2W	TH-55EQ2W	TH-50EQ2W	TH-43EQ2W
Display Panel	Screen size	86-inch (2174.2mm)	75-inch (1892.7mm)	65-inch (1638.9mm)	55-inch (1387.8mm)	50-inch (1257.3mm)	43-inch (1079.8mm)
	Pixels (H x V)	3840 x 2160					
	Panel brightness (typ.)	500 cd/m ²					
	Contrast (typ.)	1200:1				5000:1	1200:1
	Response time (typ.)	8.0ms (G to G)				9.5ms (G to G)	8.0ms (G to G)
	Viewing angle [(T/B)/(L/R)]	178°/178° (CR> 10)					
Terminal	HDMI In	Type-A connector x 3 (HDCP 2.2 compatible)					
	PC In	Mini D-sub 15-pin x 1					
	USB	USB Type A Connector x 1, DC 5 V/1 A, USB 3.0 is supported USB Type A Connector x 1, DC 5 V/2 A, USB 2.0 is supported USB Type C Connector x 1, Max~60W Power Delivery, USB2.0 is supported, DP Alt mode compatible					
	Serial In	D-sub 9-pin (Female type) x 1, RS-232C compatible					
	LAN	RJ45 x 1 compatible with PLink™, RJ45 10BASE-T/100BASE-TX					
	IR IN/OUT	Stereo Mini Jack (Φ3.5 mm) x 1 / x 1					
	Function slot	Intel® SDM specification, Corresponding size SDM-S / SDM-L, Supply power 3.3 V / 1.1 A, 12 V / 5.5 A					
	Audio IN/OUT	Stereo Mini Jack (Φ3.5 mm) x 1 (Shared video input except USB and MEMORY VIEWER) /Stereo Mini Jack (Φ3.5 mm) x 1					
Others	Built in Speaker	20 W [10 W + 10 W]					
	Power Consumption	580W	385W	340W	280W	255W	225W
	On Mode Average Power Consumption	384W	231W	164W	127W	111W	90W
	Power off / Stand-by condition	Approx. 0.3W/ Approx. 0.5W					
	Dimension (W x H x D) *Including handles	1929 x 1100 x 96mm* 75.95" x 43.31" x 3.76"	1684 x 962 x 96mm* 66.28" x 37.87" x 3.76"	1463 x 838 x 94mm* 57.58" x 32.97" x 3.68"	1242 x 713 x 66mm 48.89" x 28.06" x 2.60"	1129 x 649 x 66mm 44.43" x 25.56" x 2.60"	973 x 562 x 65mm 38.31" x 22.10" x 2.56"
	Weight	50.7kg / 111.8lbs	37.3kg / 82.2lbs	29.7kg / 65.5lbs	18kg / 39.7lbs	15.5kg / 34.2lbs	11.7kg / 25.8lbs
	Wall-hanging pitch	600 x 400 mm			400 x 400 mm		200 x 200 mm

Feature Comparison of SQ1, SQE1, EQ2, CQE1 series

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		SQ1 series	SQE1 series	EQ2 series	CQE1 series
Screen Size		98/86/75/65/55/49"	98/86/75/65/55/49/43"	86/75/65/55/50/43"	98/86/75/65/55/49/43"
Brightness (cd/m ²) / Resolution		500 / 3840 x 2160	500 / 3840 x 2160	500 / 3840 x 2160	400 (98"):500) / 3840 x 2160
Panel surface treatment		Haze 28%	Haze 1-3% (98":25%, 86":28%)	Haze 25%	Haze 1-3% (98":25%)
Terminal	HDMI / DVI-D / PC	2 / 1 / 1	4 / - / 1	3 / - / 1	4 / - / 1
	Displayport	1(In) / 1(Out)	1(In) / 1(Out)	×	×
	USB	Type-A x2	Type-A x2, Type-C x1	Type-A x2, Type-C x1	Type-A x2, Type-C x1
	LAN / DIGITAL LINK / Serial	1 / 1 (4K compatible) / 1	1 / - / 1	1 / - / 1	1 / - / 1
	SLOT	Intel® SDM specification	Intel® SDM specification	Intel® SDM specification	×
	Wi-Fi	×	○	×	○
Internal Speaker		20W[10W+10W]	24W[12W+12W] or 16W[8W+8W]	20W[10W+10W]	24W[12W+12W] or 16W[8W+8W]
Crestron Connected™		○	○	○	○
HDMI CEC compatible		○	○	○	○
Operation time		24 hours/day	24 hours/day	18 hours/day	16 hours/day (98":24/7)
Features		Screen Transfer Portrait Zoom	Wi-Fi (Wireless Display) Internet Browser	Built-in Whiteboard USB signal through Screen Transfer Portrait Zoom	Wi-Fi (Wireless Display) Internet Browser

		EQ2 Series	EQ1 Series
Screen Size		86/75/65/55/50/43"	86/75/65/55/50/43"
Resolution		4K (3840 x 2160)	4K (3840 x 2160)
Brightness		500cd/m ²	350cd/m ²
Panel surface treatment		Haze 25%	43~65":Haze 2%, 75/86":28%
Operation time		18 hours / day	43~65":18 hours / day, 75/86":24 hours / day
Portrait / Tilt		○	○
Terminal	HDMI In	3	2
	USB Type-C	1	-
	Function Slot	○ (Intel® SDM specification)	-
Portrait Zoom		○	○
Built-in White Board		○	-
Screen Transfer		○	○
USB Media Player		○	○

TY-ST43PE9

Pedestal for 43/50-inch

TY-ST55PE9

Pedestal for 55-inch

TY-ST75PE9

Pedestal for 65/75-inch

TY-WK98PV1⁴Wall-Hanging Bracket
for 86/75/65-inch

⁴ Availability varies depending on the region