# Panasonic CONNECT







# Professional **DISPLAYS**

Line-up Catalog May 2022



# Panasonic Professional Displays Lineup





<sup>\*</sup> The availability varies depending on model.

<sup>★</sup> The playable application format, GUI and operation procedure for the SQE1, and CQE1 Series' Media Player function are different from those of other models.

# Panasonic Professional Displays Lineup

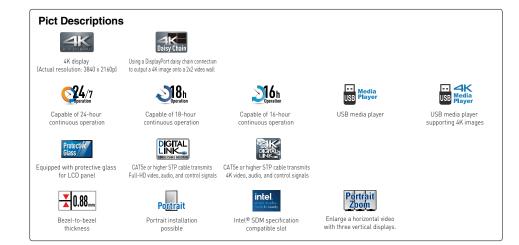
workvision

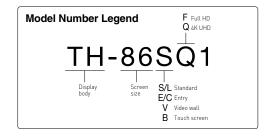
CYNAP PURE

TY-SBPURE









# SQ1H Series





	Model no.	TH-86SQ1H	TH-75SQ1H			
	Screen Size (Diagonal)/Aspect Ratio	86-inch (2174.2mm) /16:9	75-inch (1892.7mm) /16:9			
	Backlight	Direct LED	Direct LED			
ᆔ	Effective Display Area (W x H)	1895.0 x 1065.9 mm (74.60" x 41.96")	1649.6 x 927.9 mm (64.94" x 36.53")			
Ž	Resolution (H x V)	3840 x 2160	3840 x 2160			
4	Brightness (Typ)	1200 cd/m <sup>2</sup>	1500 cd/m <sup>2</sup>			
DISPLAY PANEL	Contrast Ratio	1200:1	1200:1			
点	Dynamic Contrast Ratio	50000:1	50000:1			
8	Response Time	8.0 ms (G to G)	10.0 ms (G to G)			
	Viewing Angle (Horizontal/Vertical)	178°/ 178° (CR>10)	178°/ 178° (CR>10)			
	Panel Surface Treatment	Anti-glare low reflection type (Haze 3 %)	Anti-Glare type (Haze 1 %)			
	HDMI In	HDMI TYPE-A connector x 2	, 4K Compatible (HDCP2.2)			
	DisplayPort In	DisplayPort x	1 (HDCP2.2)			
	DisplayPort Out	DisplayPort x	1 (HDCP1.4)			
	DVI-D In	DVI-D 24	1-pin x 1			
	Audio In (L/R)	Stereo Mini Jack (Φ 3.	5 mm) × 1 0.5 V [rms]			
TERMINAL	Audio Out	Stereo Mini Jack (Ф 3.5 mm) × 1 0.5 V [rms], Var	iable (- ∞ - 0 dB) (1 kHz 0 dB Input,10 k Ω Load)			
Ī	Serial In	D-sub 9-pin x 1, RS	S-232C Compatible			
品	LAN	RJ45 x 1 Compatible with PJLi	nk™,10BASE-T/100BASE-TX			
<b>-</b>	DIGITAL LINK/LAN	RJ45 x 1 Compatible with Long reach mode and PJLink™, 100BASE-TX (HDCP2.2)				
	IR In/Out	Stereo Mini Jack (Φ 3.5 mm) x 1/ x 1				
	USB	USB connector (TYPE A) x 2, DC 5 V/2 A, DC 5 V/1 A (USB3.0 is supported)				
	Sensor	4-pole sub-mini jack (Φ 2.5 mm) x 1				
	Function Slot	x1 (Intel® SDM Specification Capability)				
	Power Requirements	110-240 V AC	, 50 Hz/60 Hz			
	Power Consumption	730 W	720 W			
	Power Off Condition	Approx. 0.3 W	Approx. 0.3 W			
	Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W			
	Dimensions (W x H x D)*Including handles.	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75")	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75")			
	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D)	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1")	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1")			
	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R)	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R)			
AL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (I/B/L/R) Approx. 57.8 kg (127.4 lbs)	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R) Approx. 42.2 kg (93.0 lbs.)			
ERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (I/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.)	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.)			
ENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (178/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (78/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8			
GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W]	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (I/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W]			
GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (I'BI/JR) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait* <sup>1</sup>			
GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W]	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (I/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W]			
GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 111.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1 Landscape: 0-20 degrees forward	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*¹ Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward *Fy*2 : 0 °C to to 35 °C (32 °F to 95 °F)*3,			
GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation Tilting Angle	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1 Landscape: 0-20 degrees forward Portrait: 0-20 degrees forward Temperature: 0 °C to 40 °C (32 °F to 104	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (I/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1 Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward *F)*2: 0 **O** to to 35 **C (32 **F to 95 **F)*3, % (No condensation)			
GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation Tilting Angle Operating Environment	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape: 0-20 degrees forward Portrait: 0-20 degrees forward Temperature: 0 °C to 40 °C (32 °F to 104 Humidity: 20% to 80° Temperature: -20 °C to 60 °C (-4 °F to 140 °F	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (I/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1 Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward *F)*2: 0 **O** to to 35 **C (32 **F to 95 **F)*3, % (No condensation)			
GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation Tilting Angle  Operating Environment Storage Environment	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape: 0-20 degrees forward Portrait: 0-20 degrees forward Temperature: 0 °C to 40 °C (32 °F to 104 Humidity: 20% to 80° Temperature: -20 °C to 60 °C (-4 °F to 140 °F	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (I/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 56 kg (123.4 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1 Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward *P*2 : 0 °C to to 35 °C (32 °F to 95 °F)*3, % (No condensation) 9, Humidity: 20 % to 80 % (No condensation)			
	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation Tilting Angle  Operating Environment Storage Environment Operating Time*4	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape: 0-20 degrees forward Portrait: 0-20 degrees forward Temperature: 0 °C to 40 °C (32 °F to 104 Humidity: 20% to 80' Temperature: -20 °C to 60 °C (-4 °F to 140 °F 24 h	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 42.2 kg (93.0 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1  Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward *P** 2 0 °C to to 35 °C (32 °F to 95 °F)*3, (No condensation) ), Humidity: 20 % to 80 % (No condensation)			
	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation Tilting Angle Operating Environment Storage Environment Operating Time*4 3G-SDI Terminal Board	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (T/B/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape: 0-20 degrees forward Portrait: 0-20 degrees forward Temperature: 0 °C to 40 °C (32 °F to 104 Humidity: 20% to 80' Temperature: -20 °C to 60 °C (-4 °F to 140 °F 24 h	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 42.2 kg (93.0 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait*1  Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward *P** 2 0 °C to to 35 °C (32 °F to 95 °F)*3, (No condensation) ), Humidity: 20 % to 80 % (No condensation)			
	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation Tilting Angle Operating Environment Storage Environment Operating Time*4 3G-SDI Terminal Board Wall-hanging Bracket	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (TRB/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape: 0-20 degrees forward Portrait: 0-20 degrees forward Temperature: 0 °C to 40 °C (32 °F to 104 Humidity: 20% to 80' Temperature: -20 °C to 60 °C (-4 °F to 140 °F 24 h	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 42.2 kg (93.0 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait* Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward			
OPTIONS GENERAL	Dimensions (W x H x D)*Including handles. Carton Size (W x H x D) Bezel Width Weight Gross Weight Pitch for Wall-Hanging Built-in Speaker Orientation Tilting Angle  Operating Environment Storage Environment Operating Time*4 3G-SDI Terminal Board Wall-hanging Bracket Early Warning Software*5	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75") 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1") 15.5 mm (0.61") (TRB/L/R) Approx. 57.8 kg (127.4 lbs) Approx. 73 kg (160.9 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape: 0-20 degrees forward Portrait: 0-20 degrees forward Temperature: 0 °C to 40 °C (32 °F to 104 Humidity: 20% to 80' Temperature: -20 °C to 60 °C (-4 °F to 140 °F 24 h	1684 x 962 x 96 mm (66.28" x 37.9" x 3.75") 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1") 14.9 mm (0.59") (T/B/L/R) Approx. 42.2 kg (93.0 lbs.) Approx. 42.2 kg (93.0 lbs.) VESA Compliant 600 x 400 mm (23.6" x 15.8") M8 20 W [10 W + 10 W] Landscape/Portrait* Landscape: 0-20 degrees forward/backward Portrait: 0-20 degrees forward/backward			

<sup>\*1:</sup> When installing the display vertically, be sure that the power indicator comes to the right side.

# Panasonic display ideas for a wide range of applications

#### Meeting rooms



From standard to interactive screens in different sizes - no matter if the meeting room is big or a huddle space there are no limits to collaborative work.

- SQ1 Series >> 8p
- Recommended SQE1 Series >> 12p
  - EQ2 Series >> 16p
  - Interactive Series >> 32p

#### Retail shop



For attractive product displays, the 4K model is also recommended for in-store signage. The narrow bezel provides effective space utilization. An easy-to-see angle can also be adjusted. And Content Management Software makes it easy to control signage for individual shops.

- Recommended CQE1 Series >> 20p~
  - EQ2 Series >> 16p

#### Control room



Use a 24/7 operation display where interrupted images are simply not permitted. When problems do occur, the fail-over and fail-back functions minimize shutdown.

models

- SQ1/SQE1 Series >> 8p~
- VF/LFV Series >> 42p~

#### Higher Education



Our range of displays from 43" to 98" are suitable for bigger lecture halls or smaller huddle spaces. Choose from Entry level, Standard or Interactive displays to enhance collaboration and student engagement.

Recommended models

- SQ1 Series >> 8p
- SQE1 Series >> 12p
- EQ2 Series >> 16p
- CQE1 Series >> 20p
- Interactive Series >> 32p

<sup>\*2:</sup> For up to 1400 m (4593 ft) altitude.

<sup>\*3:</sup> For between 1400 m to 2800 m (4593 ft to 9186 ft) altitude.

<sup>\*4:</sup> In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

<sup>\*5:</sup> Part number suffix may differ depending on the license type.

<sup>★</sup>The handle part excluded, the thickness is 82 mm (3.22": TH-98SQ1)/ 82 mm (3.22": TH-86SQ1).

# SQ1 Series





	Model no.	TH-98SQ1	TH-86SQ1		
	Screen Size (Diagonal)/Aspect Ratio	98-inch (2476.9 mm)/16:9	86-inch (2174.2 mm)/16:9		
	Panel Type	IPS / Direct LED	IPS / Edge LED		
ᇜ	Effective Display Area (W x H)	2158.8 x 1214.3 mm (84.99" x 47.80")	1895.0 x 1065.9 mm (74.60" x 41.96")		
SPLAY PANEL	Resolution (H x V)	3840 x 2160	3840 x 2160		
9	Brightness (Typ)	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>		
¥	Contrast Ratio	1300:1	1200:1		
点	Dynamic Contrast Ratio	50000:1	50000:1		
	Response Time	8 ms (G to G)	8 ms (G to G)		
	Viewing Angle (Horizontal/Vertical)	178°/178° (CR≥10)	178°/178° (CR≥10)		
	Panel Surface Treatment	Anti-Glare (Haze 28 %)	Anti-Glare (Haze 28 %)		
	HDMI In	HDMI TYPE-A Connector x 2*1			
	DisplayPort In	Displayl	Port x 1		
	DisplayPort Out	Displayl	Port x 1		
	USB	USB Connector (TYPE-A) x 2, DC 5 V	//2 A, DC 5V/1A (USB 3.0 Supported)		
	DVI-D In	DVI-D 24	4-pin x 1		
A A	Audio In (L/R)	Stereo Mini Jack (M3) x	2 (Shared with PC In)		
ERMINAL	PC In	Mini D-sub 15-p	in x 1 (Female)*2		
盠	Audio In (L/R)	Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)			
뿌	Audio Out	Stereo Mini Jack (M3) x 1			
	Serial In	D-sub 9-pin x 1, RS232C Compatible			
	LAN	RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PJLink™			
	DIGITAL LINK	RJ45 x 1, 100 BASE-TX, Compatible with long reach mode and PJLink™			
	IR In/Out	Stereo Mini Jack (M3) x 1 / x 1			
	Function Slot	x1 (Intel® SDM Specification Capability)			
	Power Requirements		, 50 Hz/60 Hz		
	Power Consumption	685 W	480 W		
	Power Off Condition	Approx. 0.3 W	Approx. 0.3 W		
	Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W		
	Dimensions (W x H x D)	2194 x 1249 x 90 *mm (86.35" x 49.15" x 3.54"*)	1928 x 1099 x 86 * mm (75.91" x 43.27" x 3.39"*)		
	Carton Size (W x H x D)	2513 x 1704 x 450 mm (98.9" x 67.1" x 17.7")	2224 x 1427 x 373 mm (87.6" x 56.2" x 14.7")		
ᆛ	Bezel Width	16.0 mm (0.63") (T/B/L/R)	15.2 mm (0.6") (T/B/L/R)		
	Weight	Approx. 90.0 kg (198.5 lbs.)	Approx. 66.0 kg (145.5 lbs.)		
GENERAL	Gross Weight	Approx.138.0 kg (304.3 lbs.)	Approx. 89.0 kg (196.3 lbs.)		
8	Pitch for Wall-Hanging	800 x 500 mm (31.5" x 19.7") VESA Compliant	600 x 400 mm (23.6" x 15.8") VESA Compliant		
	Protective Glass	_	_		
	Built-in Speaker	20 W [10 W + 10 W]			
	Orientation	Landscap			
	Tilting Angle	0-20 degrees forward/backward			
	Operating Environment	Temperature : 0 °C to 40 °C (32°F to 104°F) / Humidity: 20% to 80% (Non-condensation)			
	Storage Environment	Temperature : -20 °C to 60 °C (-4°F to 140°F) / Humidity: 20% to 80% (Non-condensation			
	Operating Time*3		/day		
	3G-SDI Terminal Board	TY-SB01SS	TY-SB01SS		
<u> </u>	Wall-hanging Bracket	TY-WK98PV1	TY-WK98PV1		
SPTIONS	Early Warning Software*4	ET-SWA100/105 Series	ET-SWA100/105 Series		
E	Digital Interface Box	ET-YFB100G	ET-YFB100G		
0	DIGITAL LINK Switcher	ET-YFB200G	ET-YFB200G		
	Auto Display Adjustment Upgrade Kit*5	TY-VUK10	TY-VUK10		

<sup>\*1:</sup> HDCP2.2 supported. \*2: RGB/YPbPr switchable.

Standard

# A wide range of professional applications















<sup>\*3:</sup> In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

<sup>\*4:</sup> Multi Monitoring & Control Software Ver.2.0 or later is required. Part number suffix may differ depending on the license type.

<sup>\*5:</sup> Download the latest Video Wall Manager from Global Website in advance. (https://panasonicnet/cns/prodisplays/download/software/vwm/)

<sup>★</sup>The handle part excluded, the thickness is 81 mm (3.17": TH-98SQ1)/76 mm (2.99": TH-86SQ1).

# SQ1 Series













Standard



Model no.	TH-75SQ1	TH-65SQ1	TH-55SQ1	TH-49SQ1	
Screen size (Diagonal)/Aspect Ratio	75-inch (1892.7 mm)/16:9	65-inch (1638.9 mm) /16:9	55-inch (1387.8 mm) /16:9	49-inch (1232.0 mm) /16:9	
Panel Type	IPS/Edge LED	IPS/Edge LED	IPS/Edge LED	IPS/Edge LED	
Effective Display Area (W x H)	1649.6 x 927.9 mm (64.94" x 36.53")	1428.4 x 803.5 mm (56.23" x 31.63")	1209.6 x 680.4 mm (47.62" x 26.78")	1073.8 x 604.0 mm (42.27" x 23.77")	
Resolution (H x V)	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	
Brightness	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	
Contrast Ratio	1200:1	1100:1	1100:1	1100:1	
Response Time	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)	
Viewing Angle (Horizontal/Vertical)	178° / 178° (CR≥10)	178° / 178° (CR≥10)	178° / 178° (CR≥10)	178° / 178° (CR≥10)	
Panel Surface Treatment	Anti-Glare (Haze 28 %)	Anti-Glare (Haze 28 %)	Anti-Glare (Haze 28 %)	Anti-Glare (Haze 28 %)	
HDMI In	HDMI TYPE A Connector	x 2 (HDCP2.2 supported)	HDMI TYPE A Connector x 2 (	(HDCP2.2 supported)	
DisplayPort In	DisplayPort x 1 (HD	CP2.2 supported)*1	DisplayPort x 1 (HDCP2	.2 supported)*1	
DisplayPort Out	DisplayPort x 1 (HD	CP1.4 supported)*1	DisplayPort x 1 (HDCP1	.4 supported)*1	
USB	USB Connector (TYPE-A) x 2, DC 5 \	//2 A, DC 5V/1A (USB 3.0 Supported)	USB Connector (TYPE-A) x 2, DC 5 V/2 A	, DC 5V/1A (USB 3.0 Supported)	
DVI-D In	DVI-D 24-pin x 1 (DVI Revision 1.0	Compliant), HDCP 1.1 compatible	DVI-D 24-pin x 1 (DVI Revision 1.0 Compliant), HDCP 1.1 compatible	DVI-D 24-pin x 1	
Audio In (L/R)	Stereo Mini Jack (M3)		Stereo Mini Jack (M3) x 2 (Shared with PC In)	Stereo Mini Jack (M3) x 2 (Shared with PC In)	
PC In	` ,	pin x 1 (Female)	Mini D-sub 15-pin x	1 (Female)	
Audio In (L/R)	Stereo Mini Jack (M3) x 2 (Shared with DV-D In) 30 W (15 W + 15 W) 10% THD		Stereo Mini Jack (M3) x 2 (SI		
Audio Out			30 W (15 W + 15 W	•	
Serial In	,	S232C Compatible	D-Sub 9-pin x 1, RS232	•	
DIGITAL LINK		e with long reach mode and PJLink™	RJ45 x 1, 100 BASE-TX, Compatible with		
LAN		SE-TX, Compatible with PJLink <sup>TM</sup>	RJ45 x 1, 10 BASE-T / 100 BASE-T		
IR In/Out	Stereo Mini Jack (M3) x 1/ x 1		Stereo Mini Jack (N	•	
Function Slot		M specification)	x1 (Intel® SDM sp	•	
Power Requirements	220-240 V AC. 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz	220-240 V AC. 50 Hz/60 Hz	220-240 V AC. 50 Hz/60 Hz	
Power Consumption	385 W (TBD)	320 W	300 W	285 W	
Power Off Condition	Approx. 0.3 W	Approx. 0.3 W	Approx. 0.3 W	Approx. 0.5 W	
Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.3 W	
Dimensions (W x H x D)	Арргох. 0.5 W 1681 x 959 x 73 mm (66.15" x 37.75" x 2.87")	1458 x 836 x 77 mm (57.40" x 32.90" x 3.02")	1240 x 714 x 74 mm (48.82" x 28.09" x 2.91")	Арргох. 0.3 W 1104 x 637 x 73 mm (43.48" x 25.08" x 2.88")	
Carton Size (W x H x D)	1832 x 1283 x 280 mm (72.13" x 50.52" x 11.03")	1642 x 1037 x 248 mm (64.7" x 40.9" x 9.8")	1240 X 714 X 74 Hilli (46.62 X 26.09 X 2.91 ) 1404 X 879 X 203 mm (55.3" X 34.6" X 8.0")	1248 x 800 x 185 mm (49.2" x 31.5" x 7.8")	
Bezel Width	T/B/L/R :14.8 mm (0.58")	T:12.2 mm (0.48"), B:15.8 mm (0.62"), L/R:12.7 mm (0.50")	T:12.2 mm (0.48"), B:15.8 mm (0.62"), L/R:12.7 mm (0.50")	T/B:14.2 mm (0.56"), L/R:12.9 mm (0.51")	
Weight	Approx. 56.0 kg (123.5 lbs.)	Approx. 36.0 kg (79.4 lbs.)	Approx. 25.5 kg (56.3 lbs.)	Approx. 21.0 kg (46.3 lbs.)	
Gross Weight	Approx. 71.0 kg (156.6 lbs.)	Approx. 47.0 kg (103.7 lbs.)	Approx. 34.0 kg (75.0 lbs.)	Approx. 27.0 kg (40.3 lbs.)	
Pitch for Wall-Hanging	VESA compliant 600 x 400 mm (23.6" x 15.8")	VESA compliant 400 x 400 mm (15.8" x 15.8")	VESA compliant 400 x 400 mm (15.8" x 15.8")	VESA compliant 400 x 400 mm (15.8" x 15.8")	
Built-in Speaker	Yes	Yes	Yes	Yes	
Orientation		e/Portrait*2	Landscape/Portrait*2	Landscape/Portrait*2	
Tilting Angle*3	Landscape  Landscape setting: 0 - 45 degrees forward/backward  Portrait setting: 0 - 20 degrees forward/backward		Landscape Portrait - Landscape setting: 0 - 45 degre Portrait setting: 0 - 45 degree	rees forward/backward	
Operating Environment	Temperature: 0 °C to 40 °C (32 °F to 10 Humidity: 20 % to 80	14 °F)*4 /0 °C to 35 °C (32 °F to 95 °F)*5, % (No Condensation)	Temperature: 0 °C to 40 °C (32 °F to 104 °F Humidity: 20 % to 80 % (i		
Storage Environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F	` ,	Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Hi		
Operating Time*6	24 h	, , , , , , , , , , , , , , , , , , , ,	24 h/day		
3G-SDI Terminal Board	TY-SB01SS	TY-SB01SS	TY-SB01SS	TY-SB01SS	
Pedestal	TY-ST55PE9	TY-ST55PE9	TY-ST55PE9	TY-ST43PE9	
Wall-Hanging Bracket	TY-WK98PV1	TY-WK98PV1	— — —	—	
Digital Interface Box	ET-YFB100G	ET-YFB100G	ET-YFB100G	ET-YFB100G	
DIGITAL LINK Switcher	ET-YFB200G	ET-YFB200G	ET-YFB200G	ET-YFB200G	
Early Warning Software*7	ET-SWA100/105 Series	ET-SWA100/105 Series	ET-TFB200G ET-SWA100/105 Series	ET-SWA100/105 Series	
, ,					
Auto Display Adjustment Upgrade Kit*	8 TY-VUK10 Output: HDCP 1.4 / Input: No HDCP Output: No HDCP	TY-VUK10	TY-VUK10	TY-VUK10	

<sup>\*1:</sup> Input: HDCP 2.2 Output: NG / Input: HDCP 1.4 Output: HDCP 1.4 / Input: No HDCP Output: No HDCP

3G-SDI Terminal Board TY-SB01SS These SDI terminal boards are able to input 3G- and 12G-SDI signals into displays and are perfectly compatible with our SQ1 Display Series which is equipped with the Intel SDM specification slot.

12GSDI Terminal Board TY-SB01QS "This terminal board is supported only when the main software version of the display is 3.5000 or later and the sub software version of the display is 03.50 or later. For updates, please contact your Panasonic dealer.

<sup>\*2:</sup> When installing the display vertically, be sure that the power indicator comes to the right side.

<sup>\*3:</sup> Please contact your sales representative with regard to the tilt angle before installation.

<sup>\*4:</sup> For up to 1400 m (4593 ft) attitude.

<sup>\*5:</sup> For between 1400m (4593 ft) to 2800 m (9186 ft) attitude.

<sup>\*6:</sup> In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

<sup>\*7:</sup> Multi Monitoring & Control Software Ver. 2.1 or later is required. Part number suffix may differ depending on the license type.

<sup>\*8:</sup> Download the latest Video Wall Manager from Global Website in advance. (https://panasonic.net/cns/prodisplays/download/software/vwm/)

# SQE1 Series









Standard



Model no.	TH-98SQE1	TH-86SQE1	TH-75SQE1	TH-65SQE1
Screen Size (Diagonal)/Aspect Ratio	98-inch (2476.9 mm)/16:9	86-inch (2174.2 mm)/16:9	75-inch (1892.7 mm)/16:9	65-inch (1638.9 mm)/16:9
Backlight	Direct LED	Edge LED	Direct LED	Direct LED
Effective Display Area (W x H)	2158.8 x 1214.3 mm (84.99" x 47.80")	1895.0 x 1065.9 mm (74.60" x 41.96")	1649.6 x 927.9 mm (64.94" x 36.53")	1428.4 x 803.5 mm (56.23" x 31.63")
Resolution (H x V)	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Brightness (Typ)	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m²	500 cd/m <sup>2</sup>
Contrast Ratio	1200:1	1100:1	1200:1	1200:1
Dynamic Contrast Ratio	50000:1	50000:1	50000:1	50000:1
Response Time	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178°/178° (CR>10)	178° / 178° (CR≥10)	178°/178° (CR>10)	178°/178° (CR>10)
Panel Surface Treatment	Anti-Glare (Haze 25 %)	Anti-Glare Low Reflection (Haze 28 %)	Anti-Glare Low Reflection (Haze 3 %)	Anti-Glare (Haze 1 %)
HDMI In	HDMI TYPE A Connector	x 4 (HDCP 2.2 supported)	HDMI TYPE A Connector x	4 (HDCP 2.2 supported)
DisplayPort In	Displayl	Port x 1	DisplayP	ort x 1
DisplayPort Out	Displayl	Port x 1	DisplayP	ort x 1
USB	USB Connector (TYPE-A) x 2, (T	ype-C) x 1, Internal (Type-A) x 1	USB Connector (TYPE-A) x 2, (Ty	/pe-C) x 1, Internal (Type-A) x 1
PC In	Mini D-sub 15-	pin x 1 (Female)	Mini D-sub 15-pi	in x 1 (Female)
Audio In (L/R)	Pin Jack Tern	ninal (L/R) x 1	Pin Jack Term	inal (L/R) x 1
Audio Out Stereo Mini Jack (M3) x 1, 3		M3) x 1, SPDIF x 1	Stereo Mini Jack (M	(3) x 1, SPDIF x 1
Serial In			D-sub 9-pin x 1 (Female), RS-232C Compatible	
LAN	RJ45	5×1	RJ45 x 1	
IR In	Stereo Mini J	ack (M3) x 1	Stereo Mini Ja	ack (M3) x 1
Function Slot	x1 (Intel® SDM specification, Corresponding	g size SDM-S/SDM-L, Supply power 40 W)	x1 (Intel® SDM specification, Corresponding size SDM-S/SDM-L, Supply power 40 W)  Built-in, IEEE 802.11. a/b/g/n/ Dual Wi-Fi CERTIFIED	
Wi-Fi	Dongle, IEEE 802.11. a/b/s			
Power Requirements	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz
Power Consumption	703 W (SLOT not in use: 650 W)	364 W (SLOT not in use: 312 W)	334 W (SLOT not in use: 280 W)	281W (SLOT not in use: 229 W)
Power Off Condition	0 W	0 W	0 W	0 W
Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W
Dimensions (W x H x D)*	2216 x 1271 x 99 mm (87.25" x 50.02" x 3.87")	1929 x 1100 x 81 mm (75.91" x 43.28" x 3.16")	1684 x 968 x 100 mm (66.28" x 38.09" x 3.92")	1460 x 842 x 96 mm (57.46" x 33.12" x 3.77")
Carton Size (W x H x D)	2435 x 1684 x 387 mm (95.87" x 66.30" x 15.24")	2224 x 1427 x 373 mm (87.56" x 56.19" x 14.69")	1948 x 1170 x 210 mm (76.70" x 46.07" x 8.27")	1607 x 980 x 177 mm (63.27" x 38.59" x 6.97")
Bezel Width	28.2 mm (1.11") (T/R/L/B)	15.2 mm (0.6") (T/R/L/B)	15.7 mm (0.62") (T/R/L), 21.5 mm (0.85") (B)	14.7 mm (0.58") (T/R/L), 21.4 mm (0.84") (B)
Weight	Approx. 99.8 kg (220.1 lbs.)	Approx. 66 kg (145.5 lbs.)	Approx. 37.4 kg (82.5 lbs.)	Approx. 25.8 kg (56.9 lbs.)
Gross Weight	Approx. 150 kg (330.7 lbs.)	Approx. 89 kg (196.3 lbs.)	Approx. 52.0 kg (114.7 lbs.)	Approx. 36 kg (79.4 lbs.)
Pitch for Wall-Hanging	VESA Compliant 800 x 400 mm (31.5" x 15.8")	VESA Compliant 600 x 400 mm (23.6" x 15.8")	VESA Compliant 600 x 400 mm (23.6" x 15.8")	VESA Compliant 400 x 400 mm (15.8" x 15.8")
Built-in Speaker	24 W [12 W + 12 W]	24 W [12 W + 12 W]	24 W [12 W + 12 W]	16 W [8 W + 8 W]
Orientation*1	Landscap	e/Portrait	Landscape	e/Portrait
Tilting Angle*2	0-20 degrees forward with	landscape/portrait setting	0-20 degrees forward with	landscape/portrait setting
Operating Environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/ 0 °C to 35 °C (32 °F to 95°F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude Humidity: 20 % to 80 % (No Condensation), Alfitude: lower than 2800 m		Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude)/ 0 °C to 35 °C (32 °F to 95°F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m	
Storage Environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F	), Humidity: 20 % to 80 % (No Condensation)	Temperature: -20 °C to 60 °C (-4 °F to 140 °F)	, Humidity: 20 % to 80 % (No Condensation)
Operating Time*3	24 h	dav	24 h/s	day

<sup>\*1:</sup> When installing the display vertically, be sure that the power indicator comes to the right side.

\*2: Please contact your sales representative with regard to the tilt angle before installation.

\*3: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

<sup>★</sup> Excluding remote control receiver.

# SQE1 Series













Model no.	TH-55SQE1	TH-49SQE1	TH-43SQE1
Screen Size (Diagonal)/Aspect Ratio	55-inch (1387.8 mm)/16:9	49-inch (1232.0 mm)/16:9	43-inch (1079.8 mm)/16:9
Backlight	Direct LED	Direct LED	Direct LED
I Effective Display Area (M v H)	1209.6 x 680.4 mm (47.62" x 26.78")	1073.8 x 604.0 mm (42.47" x 23.77")	941.1 x 529.4 mm (37.05" x 20.84")
Resolution (H x V)	3840 x 2160	3840 x 2160	3840 x 2160
	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Contrast Ratio	1200:1	1200:1	1200:1
Contrast Ratio Dynamic Contrast Ratio Response Time	50000:1	50000:1	50000:1
Response Time	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178°/178° (CR>10)	178°/178° (CR>10)	178°/178° (CR>10)
Panel Surface Treatment	Anti-Glare (Haze 1 %)	Anti-Glare (Haze 1 %)	Anti-Glare (Haze 1 %)
HDMI In	HDMI TYPE A Connector	, ,	HDMI TYPE A Connector x 4 (HDCP 2.2 supported)
DisplayPort In	Displayl		DisplayPort x 1
DisplayPort Out	Display		DisplayPort x 1
USB	USB Connector (TYPE-A) x 2, (T		USB Connector (TYPE-A) x 2, (Type-C) x 1, Internal (Type-A) x 1
I DC In	Mini D-sub 15-		Mini D-sub 15-pin x 1 (Female)
A PC III  Audio In (L/R)  Audio Out			Pin Jack Terminal (L/R) x 1
Audio Out	Pin Jack Terminal (L/R) x 1 Stereo Mini Jack (M3) x 1, SPDIF x 1		Stereo Mini Jack (M3) x 1, SPDIF x 1
Serial In	D-sub 9-pin x 1 (Female), RS-232C Compatible		D-sub 9-pin x 1 (Female), RS-232C Compatible
LAN	R.145 x 1		RJ45 x 1
IR In	Stereo Mini Jack (M3) x 1		Stereo Mini Jack (M3) x 1
Function Slot	x1 (Intel® SDM specification, Corresponding size SDM-S/SDM-L, Supply power 40 W)		x1 (Intel® SDM specification, Corresponding size SDM-S/SDM-L, Supply power 40
Wi-Fi	Built-in, IEEE 802.11. a/b/q/n/ Dual Wi-Fi CERTIFIED		Built-in, IEEE 802.11. a/b/g/n/ Dual Wi-Fi CERTIFIED
Power Requirements	220-240 V AC. 50 Hz/60 Hz	220-240 V AC. 50 Hz/60 Hz	220-240 V AC. 50 Hz/60 Hz
Power Consumption	197 W (SLOT not in use: 143 W)	186 W (SLOT not in use: 133 W)	172 W (SLOT not in use: 119 W)
Power Off Condition	0 W	0 W	0 W
Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W
Dimensions (W x H x D)*	1239 x 712 x 104 mm (48.75" x 28.02" x 4.09")	1102 x 635 x 105 mm (43.37" x 24.98" x 4.11")	968 x 558 x 106 mm (38,01" x 21,94" x 4.17")
	1369 x 874 x 165 mm (53.90" x 34.41" x 6.50")	1215 x 775 x 165 mm (47.84" x 30.52" x 6.50")	1050 x 718 x 178 mm (41.34" x 28.27"x 7.01")
Bezel Width	12.3 mm (0.48") (T/R/L), 15.1 mm (0.59") (B)	11 mm (0.43") (T/R/L), 14.4 mm (0.57") (B)	9.6 mm (0.38") (T/R/L), 13.2 mm (0.52") (B)
Weight	Approx. 17.2 kg (38.0 lbs.)	Approx. 13 kg (28.7 lbs.)	Approx. 10.3 kg (22.7 lbs.)
Gross Weight	Approx. 24 kg (53.0 lbs.)	Approx. 18 kg (39.7 lbs.)	Approx. 15 kg (33.1 lbs.)
Pitch for Wall-Hanging	VESA Compliant 400 x 200 mm (15.8" x 7.9")	VESA Compliant 200 x 200 mm (7.9" x 7.9")	VESA Compliant 200 x 200 mm (7.9" x 7.9")
Built-in Speaker	16 W [8 W + 8 W]	16 W [8 W + 8 W]	16 W [8 W + 8 W]
Orientation*1	Landscap	. ,	Landscape/Portrait
Tilting Angle*2	0-20 degrees forward with		0-20 degrees forward with landscape/portrait setting
Operating Environment	Temperature: 0 °C to 40 °C (32 °F to 10 0 °C to 35 °C (32 °F to 95 °F) for between 14	4 °F) for up to 1400 m (4593 ft) altitude)/ 400 m to 2800 m (4593 ft to 9186 ft) altitude	Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude) 0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitut
Storage Environment	Humidity: 20 % to 80 % (No Conder Temperature: -20 °C to	*	Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m  Temperature: -20 °C to 60 °C (-4 °F to 140 °F),
Storage Environment			Humidity: 20 % to 80 % (No Condensation)
	Humidity: 20 % to 80 % (No Condensation) 24 h/day		Trainiary. 20 70 to 00 70 (140 Soliderisation)

<sup>\*1:</sup> When installing the display vertically, be sure that the power indicator comes to the right side.

 $\bigstar$  Excluding remote control receiver.

# Standard equipped a wide range of terminals. Meets a wide range of applications

Equipped with a DisplayPort input and output and Wi-Fi to enable wireless transmission with a PC. In addition to storefront signage, the SQE1 Series meets a wide range of applications such as a conference monitor and surveillance monitor



# Preinstalled HTML5 Browser Allows for Easy Signage Updates

The SQE1 series is preinstalled with the Android-based HTML5 browser. So, it can serve as signage using a without an external device, such as a set-top box or PC, or without a connection cable.



<sup>\*2:</sup> Please contact your sales representative with regard to the tilt angle before installation.

<sup>\*3:</sup> In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

# EQ2 Series

Available from July











Standard



Model no.	TH-86EQ2	TH-75EQ2	TH-65EQ2	TH-55EQ2		
Screen Size (Diagonal)/Aspect Ratio	86-inch (2174.2 mm) /16:9	75-inch (1892.7 mm) /16:9	65-inch (1638.9 mm)/16:9	55-inch (1387.8 mm) /16:9		
Effective Display Area (W x H)	1895.0 x 1065.9 mm (74.60" x 41.96")	1649.6 x 927.9 mm (64.94" x 36.53")	1428.4 x 803.5 mm (56.23" x 31.63")	1209.6 x 680.4 mm (47.62" x 26.78")		
Resolution (H x V)	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160		
Brightness (Typ)	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>		
Contrast Ratio	1200:1	1200:1	1200:1	1200:1		
Dynamic Contrast Ratio	50000:1	50000:1	50000:1	50000:1		
Response Time	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)		
Viewing Angle (Horizontal/Vertical)	178°/178° (CR>10)	178°/178° (CR>10)	178°/178° (CR>10)	178°/178° (CR>10)		
Panel Surface Treatment	Anti-Glare (Haze 25 %)	Anti-Glare (Haze 25 %)	Anti-Glare (Haze 25 %)	Anti-Glare (Haze 25 %)		
HDMI In	HDMI TYPE-A Connector	x 3 (HDCP2.2 supported)	HDMI TYPE-A Connector	x 3 (HDCP2.2 supported)		
Audio In (L/R)	Stereo Mini Jack ( φ3.5 mm)	x 1 (Shared with AV/PC In)	Stereo Mini Jack ( φ3.5 mm	) x 1 (Shared with AV/PC In)		
PC In	Mini D-sub 15-p	oin x 1 (Female)	Mini D-sub 15-	pin x 1 (Female)		
Audio In (L/R)	Stereo Mini J	ack (M3) x 1	Stereo Mini	Jack (M3) x 1		
USB	Type A: DC 5 V/1 A, I Type A: DC 5 V/2 A, I Type C: max ~ 60W (Power Delivery compatible), USB2	JSB 2.0 is supported,	Type A: DC 5 V/1 A, Type A: DC 5 V/2 A, Type C: max ~ 60W (Power Delivery compatible), USB2			
Serial In	D-sub 9-pin x 1, RS	-232C Compatible	D-sub 9-pin x 1 R	S-232C Compatible		
DIGITAL LINK		-	5 000 0 pin x 1, 10	Distribution of the state of th		
LAN	RJ45 x 1. RJ45 10B	ASF-T/100BASF-TX	R.I45 x 1 R.I45 10F	ASE-T/100BASE-TX		
IR In/Out	Stereo Mini Jac			Stereo Mini Jack (M3) x 1 / x 1		
Audio Out	Stereo Mini J	` '	Stereo Mini	` '		
SLOT	SDM-S / SDM-L, 3,3 V/m	` '	SDM-S / SDM-L, 3.3 V/max.1.1 A, 12 V/max 5.5 A			
Power Requirements	AC 110 - 240 V 50 Hz / 60 Hz	AC 110 - 240 V 50 Hz / 60 Hz	AC 110 - 240 V 50 Hz / 60 Hz	AC 110 - 240 V 50 Hz / 60 Hz		
Power Consumption	580 W	385 W	340 W	280 W		
Power Off Condition	Approx. 0.3 W	Approx. 0.3 W	Approx. 0.3 W	Approx. 0.3 W		
Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W		
Dimensions (W x H x D*1)	1929 x 1100 x 96 mm (75.95" x 43.31" x 3.76")*1	1684 x 962 x 96 mm (66.28" x 37.87" x 3.76")*1	1463 x 838 x 94 mm (57.58" x 32.97" x 3.68")*1	1242 x 713 x 66 mm (48.89" x 28.06" x 2.60")*1		
Carton Size (W x H x D)	2130 x 1321 x 248 mm (83.86" x 52.01"x 9.77")	1870 x 1143 x 280 mm (73.63" x 45.00" x 11.03")	1616 x 998 x 187 mm (63.63" x 39.30" x 7.37")	1350 x 860 x 160 mm (53.15" x 33.86" x 6.30")		
Bezel Width	15.5 mm (0.61") (T/R/L/B)	14.9 mm (0.59") (T/R/L/B)	14.9 mm (0.59") (T/R/L/B)	13.9 mm (0.55") (T/R/L/B)		
Weight	Approx. 50.7 kg (111.8 lbs.)	Approx37.3 kg (82.2 lbs.)	Approx. 29.7 kg (65.5 lbs.)	Approx. 18.0 kg (39.7 lbs.)		
Gross Weight	Approx. 71.0 kg (156.5 lbs.)	Approx. 51.0 kg (112.4 lbs.)	Approx. 40.0 kg (88.2 lbs.)	Approx. 25.0 kg (55.1 lbs.)		
Pitch for Wall-Hanging	600 x 400 mm (23.6" x 15.8") VESA Compliant, M8 (Screw hole depth: 20 mm (0.8"))	600 x 400 mm (23.6" x 15.8") VESA Compliant, M8 (Scrnew hole depth:18 mm (0.7"))	VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6 (Screw hole depth: 20 mm (0.8"))	VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6 (Screw hole depth: 18 mm (0.7"))		
Built-in Speaker	20 W [10 V	V + 10 W]	20 W [10 V	/+ 10 WI		
Orientation	Landscap	e/Portrait	Landscap			
Tilting Angle*2	0-20 degrees forward/backward with landscape/portrait setting		0-20 degrees forward/backward			
Operating Environment	9		Temperature: 0 °C to 40 °C (32 °F to 104 °C 0 °C to 35 °C (32 °F to 95 °F) / Altitude 1400-2800 m (4593 ft	F) / for up to 1400 m (4593 ft) altitude,		
Storage Environment		°F to 140 °F) / Hum idity: 20 % to 80 % (Non condensation)		Humidity: 20 % to 80 % (Non condensation)		
Operating Time*3	18 h		18 h			
Pedestal	_	TY-ST75PE9	TY-ST75PE9	TY-ST55PE9		
Wall-hanging Bracket	TY-WK98PV1	TY-WK98PV1	TY-WK98PV1	_		
Early Warning Software*4	ET-SWA100/105 Series	ET-SWA100/105 Series	ET-SWA100/105 Series	ET-SWA100/105 Series		

<sup>1:</sup> Incuruing handles.
2: Please contact your sales representative with regard to the tilt angle before installation.
3: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

4. Multi Monitoring & Control Software Ver. 2.0 or later is required. Suffix of the part number may differ depanding on the licence type.

# EQ2 Series

Available from July







	Model no.	TH-50EQ2	TH-43EQ2			
	Screen Size (Diagonal)/Aspect Ratio	50-inch (1257.3 mm) /16:9	43-inch (1079.8 mm) /16:9			
. [	Effective Display Area (W x H)	1095.8 x 616.4 mm (43.14" x 24.26")	941.1 x 529.4 mm (37.05" x 20.84")			
PANEL	Resolution (H x V)	3840 x 2160	3840 x 2160			
₹	Brightness (Typ)	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>			
≻	Contrast Ratio	5000:1	1200:1			
DISPLAY	Dynamic Contrast Ratio	50000:1	50000:1			
አ	Response Time	9.5 ms (G to G)	8.0 ms (G to G)			
ן ב	Viewing Angle (Horizontal/Vertical)	178°/178° (CR>10)	178°/178° (CR>10)			
	Panel Surface Treatment	Anti-Glare (Haze 25 %)	Anti-Glare (Haze 25 %)			
	HDMI In	HDMI TYPE-A Connector	x 3 (HDCP2.2 supported)			
	Audio In (L/R)	Stereo Mini Jack ( φ3.5 mm	) x 1 (Shared with AV/PC In)			
	PC In	Mini D-sub 15-	oin x 1 (Female)			
ľ	Audio In (L/R)	Stereo Mini S				
EKMINAL	USB	Type A: DC 5 V/1 A, l Type A: DC 5 V/2 A, l Type C: max ~ 60W (Power Delivery compatible), USB2				
띪	Serial In	D-sub 9-pin x 1, RS	D-sub 9-pin x 1, RS-232C Compatible			
3	DIGITAL LINK	<u> </u>				
	LAN	RJ45 x 1, RJ45 10BASE-T/100BASE-TX				
ı	IR In/Out	Stereo Mini Jack (M3) x 1 / x 1				
	Audio Out	Stereo Mini Jack (M3) x 1				
	SLOT	SDM-S / SDM-L, 3.3 V/max.1.1 A, 12 V/max 5.5 A				
	Power Requirements	AC 110 - 240 V 50 Hz / 60 Hz	AC 110 - 240 V 50 Hz / 60 Hz			
ı	Power Consumption	255 W	225 W			
	Power Off Condition	Approx. 0.3 W	Approx. 0.3 W			
ı	Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W			
	Dimensions (W x H x D*1)	1129 x 649 x 66 mm (44.43" x 25.56" x 2.60")	973 x 562 x 65 mm (38.31" x 22.10" x 2.56")			
ı	Carton Size (W x H x D)	1230 x 800 x 142 mm (48.43" x 31.50" x 5.60")	1070 x 673 x 141 mm (42.13" x 26.50" x 5.56")			
	Bezel Width	14.9 mm (0.59") (T/R/L/B)	13.9 mm (0.55") (T/R/L/B)			
1	Weight	Approx. 15.5 kg (34.2 lbs.)	Approx. 11.7 kg (25.8 lbs.)			
í 1	Gross Weight	Approx. 21.0 kg (46.3 lbs.)	Approx. 16.0 kg (35.3 lbs.)			
GEINERAL	Pitch for Wall-Hanging	VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6 (Screw hole depth: 18 mm (0.7"))	VESA Compliant 200 x 200 mm (7.9" x 7.9"), M6 (Screw hole depth 16 mm (0.6"))			
	Built-in Speaker	20 W [10 V	V + 10 W]			
	Orientation	Landscap	e/Portrait			
	Tilting Angle*2	0-20 degrees forward/backward with landscape/portrait setting				
	Operating Environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) / for up to 1400 m (4593 ft) altitude, 0 °C to 35 °C (32 °F to 95 °F) / Altitude 1400-2800 m [4593 ft to 9186 ft] / Humidity: 20 % - 80 % (No condensation)				
	Storage Environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F)/	Humidity: 20 % to 80 % (Non condensation)			
	Operating Time*3	18 h				
2	Pedestal	TY-ST43PE9	TY-ST43PE9			
SNOTE	Wall-hanging Bracket	_	_			
	Early Warning Software*4	ET-SWA100/105 Series	ET-SWA100/105 Series			

- 1: Including handles.
- 2: Please contact your sales representative with regard to the tilt angle before installation.
- 3: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.
- 4. Multi Monitoring & Control Software Ver. 2.0 or later is required. Suffix of the part number may differ depanding on the licence type.

## Standard

#### USB pass through function to save time and effort in meeting preparation

USB devices can be connected to the display via a USB Type-A cable and controlled using a PC connected to the EQ2 via the USB Type-C port.

If a camera or speakerphone is permanently connected to the display in a conference room, a user can just plug in their PC and immediately control the device to start the meeting.



#### Supports the Next-Generation Intel® SDM Specification Slot Standard

The EQ2 Series is equipped with the new Intel® SDM specification slot standard that supports 4K signals.

It can be used with the receiver board version of Panasonic's wireless presentation system PressIT, or optional terminal boards such as 12G-SDI and DIGITAL LINK.





#### Enables writing on the display screen

The EQ2 Series is equipped with a whiteboard function. By setting the USB receiver of the mouse on the display, you can use the mouse to write on the display screen and zoom in/out.

This is useful for facilitating efficient meetings.



# CQE1 Series









Entry



Model no.	TH-98CQE1	TH-86CQE1	TH-75CQE1	TH-65CQE1
Screen Size (Diagonal)/Aspect Ratio	98-inch (2476.9 mm)/16:9	86-inch (2174.2 mm)/16:9	75-inch (1892.7 mm)/16:9	65-inch (1638.9 mm)/16:9
Backlight	Direct LED	Edge LED	Direct LED	Direct LED
Effective Display Area (W x H)	2158.8 x 1214.3 mm (84.99" x 47.80")	1895.0 x 1065.9 mm (74.60" x 41.96")	1649.6 x 927.9 mm (64.94" x 36.53")	1428.4 x 803.5 mm (56.23" x 31.63")
Resolution (H x V)	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Brightness (Typ)	500 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m²
Contrast Ratio	1200:1	1200:1	1200:1	1200:1
Dynamic Contrast Ratio	50000:1	50000:1	50000:1	50000:1
Response Time	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)	8.0 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178°/178° (CR>10)	178°/178° (CR>10)	178°/178° (CR>10)	178°/178° (CR>10)
Panel Surface Treatment	Anti-Glare (Haze 25 %)	Anti-Glare Low Reflection (Haze 3 %)	Anti-Glare Low Reflection (Haze 1 %)	Anti-Glare (Haze 1 %)
HDMI In	HDMI TYPE A Conne	ector x 4 (HDCP 2.2)	HDMI TYPE A Conne	ctor x 4 (HDCP 2.2)
USB	USB Connector (TYPE-A) x 2, (T	Type-C) x 1, Internal (Type-A) x 1	USB Connector (TYPE-A) x 2, (Ty	ype-C) x 1, Internal (Type-A) x 1
PC In	Mini D-sub 15-	pin x 1 (Female)	Mini D-sub 15-p	in x 1 (Female)
Audio In (L/R)	Pin Jack	(L/R) x 1	Pin Jack (	(L/R) x 1
Audio Out	Stereo Mini Jack (I	M3) x 1, SPDIF x 1	Stereo Mini Jack (N	13) x 1, SPDIF x 1
Serial In	D-sub 9-pin x 1 (Female	e), RS-232C Compatible	D-sub 9-pin x 1 (Female), RS-232C Compatible	
LAN	RJ4	5 x 1	RJ45 x 1	
IR In	Stereo Mini J	lack (M3) x 1	Stereo Mini Jack (M3) x 1	
Wi-Fi	Dongle, IEEE 802.11. a/b/g/n/ Dual Wi-Fi CERTIFIED		Built-in, IEEE 802.11. a/b/g	/n/ Dual Wi-Fi CERTIFIED
Power Requirements	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz
Power Consumption	650 W	364 W	307 W	224 W
Power Off Condition	0 W	0 W	0 W	0 W
Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W
Dimensions (W x H x D)*	2216 x 1271 x 91 mm (87.25" x 50.02" x 3.55")	1929 x 1100 x 80 mm (75.91" x 43.28" x 3.13")	1684 x 968 x 100 mm (66.28" x 38.74" x 3.92")	1460 x 842 x 80 mm (57.46" x 33.12" x 3.15")
Carton Size (W x H x D)	2423 x 1563 x 380 mm (95.40" x 61.54" x 14.97") (TBD)	2163 x 1405 x 380 mm (85.16" x 55.32" x 14.96")	1948 x 1170 x 210 mm (76.70"x 46.07"x 8.27")	1607 x 980 x 177 mm (63.27" x 38.59" x 6.97")
Bezel Width	28.2 mm (1.11") (T/R/L/B)	15.3 mm (0.6") (T/R/L/B)	15.7 mm (0.62") (T/R/L), 21.5 mm (0.85") (B)	14.7 mm (0.58") (T/R/L), 21.4 mm (0.84") (B)
Weight	Approx. 102.3 kg (225.5 lbs.)	Approx. 61.7 kg (136.1 lbs.)	Approx. 36.8 kg (81.2 lbs.)	Approx. 25.2 kg (55.6 lbs.)
Gross Weight	Approx. 147.5 kg (325.2 lbs.)	Approx. 84.0 kg (185.2 lbs.)	Approx. 51.0 kg (112.5 lbs.)	Approx. 36.0 kg (79.4 lbs.)
Pitch for Wall-Hanging	VESA Compliant 800 x 400 mm (31.6" x 15.8)	VESA Compliant 600 x 400 mm (23.6" x 15.8")	VESA Compliant 600 x 400 mm (23.6" x 15.8")	VESA Compliant 400 x 400 mm (15.8" x 15.8")
Built-in Speaker	24 W [12W + 12 W]	24 W [12 W + 12 W]	24 W [12 W + 12 W]	16 W [8 W + 8 W]
Orientation	Landscape (Not support	to the portrait installation)	Landscape (Not support to	o the portrait installation)
Tilting Angle*1	0-20 degrees forward	with landscape setting	0-20 degrees forward v	vith landscape setting
Operating Environment	perating Environment  Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/ 0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude/ Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m		Temperature: 0 °C to 40 °C (32 °F to 104 0 °C to 35 °C (32 °F to 95 °F) for between 14 Humidity: 20 % to 80 % (No Condens	00 m to 2800 m (4593 ft to 9186 ft) altitude
Storage Environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F	), Humidity: 20 % to 80 % (No Condensation)	Temperature: -20 °C to 60 °C (-4 °F to 140 °F)	), Humidity: 20 % to 80 % (No Condensation)
Operating Time*2	24 h/day	16 h/day	16 h/day	

<sup>\*1:</sup> Please contact your sales representative with regard to the tilt angle before installation.\*2: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

 $<sup>\</sup>bigstar$  Excluding remote control receiver.

# CQE1 Series











Model no.	TH-55CQE1	TH-49CQE1		TH-43CQE1
Screen Size (Diagonal)/Aspect Ratio	55-inch (1387.8 mm)/16:9	49-inch (1232.0 mm)/16:9		43-inch (1079.8 mm)/16:9
Backlight	Direct LED	Direct LED		Direct LED
Effective Display Area (W x H)	1209.6 x 680.4 mm (47.62" x 26.78")	1073.8 x 604.0 mm (42.47" x 23.77")		941.1 x 529.4 mm (37.05" x 20.84")
Resolution (H x V)	3840 x 2160	3840 x 2160		3840 x 2160
Brightness (Typ)	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>		400 cd/m <sup>2</sup>
Contrast Ratio Dynamic Contrast Ratio	1300:1	1200:1		1200:1
Dynamic Contrast Ratio	50000:1	50000:1		50000:1
Response Time	6.0 ms (G to G)	8.0 ms (G to G)		8.0 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178°/178° (CR>10)	178°/178° (CR>10)		178°/178° (CR>10)
Panel Surface Treatment	Anti-Glare Low Reflection (Haze 3%)	Anti-Glare (Haze 1 %)		Anti-Glare (Haze 1 %)
HDMI In	HDMI TYPE A Conne	ector x 4 (HDCP 2.2)		HDMI TYPE A Connector x 4 (HDCP 2.2)
USB	USB Connector (TYPE-A) x 2, (T	ype-C) x 1, Internal (Type-A) x 1		USB Connector (TYPE-A) x 2, (Type-C) x 1, Internal (Type-A) x 1
PC In	Mini D-sub 15-	oin x 1 (Female)		Mini D-sub 15-pin x 1 (Female)
Audio In (L/R)	Pin Jack (L/R) x 1			Pin Jack (L/R) x 1
Audio In (L/R) Audio Out Serial In	Stereo Mini Jack (I	Stereo Mini Jack (M3) x 1, SPDIF x 1		Stereo Mini Jack (M3) x 1, SPDIF x 1
Serial In	D-sub 9-pin x 1 (Female), RS-232C Compatible			D-sub 9-pin x 1 (Female), RS-232C Compatible
LAN	RJ45 x 1			RJ45 x 1
IR In	Stereo Mini Jack (M3) x 1			Stereo Mini Jack (M3) x 1
Wi-Fi	Built-in, IEEE 802.11. a/b/g/n/ Dual Wi-Fi CERTIFIED			Built-in, IEEE 802.11. a/b/g/n/ Dual Wi-Fi CERTIFIED
Power Requirements	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz		220-240 V AC, 50 Hz/60 Hz
Power Consumption	135 W	115 W		111 W
Power Off Condition	0 W	0 W		0 W
Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W		Approx. 0.5 W
Dimensions (W x H x D)*	1239 x 712 x 87 mm (48.75" x 28.02" x 3.43")	1102 x 635 x 85 mm (43.3" x 24.98" x 3.35")		966 x 558 x 86 mm (38.01" x 21.94" x 3.39")
Carton Size (W x H x D)	1369 x 874 x 165 mm (53.90" x 34.41" x 6.50")	1215 x 775 x 165 mm (47.84" x 30.52" x 6.50")		1050 x 718 x 178 mm (41.34" x 28.27"x 7.01")
Bezel Width	12.3 mm (0.48") (T/R/L), 15.1 mm (0.59") (B)	11 mm (0.43") (T/R/L),14.4 mm (0.57") (B)		9.6 mm (0.38") (T/R/L), 13.2 mm (0.52") (B)
Weight	Approx. 16.2 kg (35.8 lbs.)	Approx. 12.6 kg (27.8 lbs.)		Approx. 9.9 kg (21.9 lbs.)
₹ Gross Weight	Approx. 22.0 kg (48.5 lbs.)	Approx. 17 kg (37.5 lbs.)		Approx. 14 kg (30.9 lbs.)
Pitch for Wall-Hanging	VESA Compliant 400 x 200 mm (15.8" x 7.9")	VESA Compliant 200 x 200 mm (7.9" x 7.9")		VESA Compliant 200 x 200 mm (7.9" x 7.9")
Built-in Speaker	16 W [8 W + 8 W]	16 W [8 W + 8 W]		16 W [8 W + 8 W]
Orientation	Landscape (Not support	to the portrait installation)		Landscape (Not support to the portrait installation)
Tilting Angle*1	0-20 degrees forward	with landscape setting		0-20 degrees forward with landscape setting
Operating Environment	0 °C to 35 °C (32 °F to 95 °F) for between 1	Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude)/ 0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m		Temperature: 0 $^{\circ}$ C to 40 $^{\circ}$ C (32 $^{\circ}$ F to 104 $^{\circ}$ F) for up to 1400 m (4593 ft) altitude)/ 0 $^{\circ}$ C to 35 $^{\circ}$ C (32 $^{\circ}$ F to 95 $^{\circ}$ F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m
Storage Environment	Temperature: -20 °C to	* **		Temperature: -20 °C to 60 °C (-4 °F to 140 °F),
	Humidity: 20 % to 80	,		Humidity: 20 % to 80 % (No Condensation)
Operating Time*2	16 h	/day		16 h/day

<sup>\*1:</sup> Please contact your sales representative with regard to the tilt angle before installation.

 $\bigstar$  Excluding remote control receiver.

# Standard equipped with an abundance of terminals. Optimal as a conference room

The CQE1 Series is equipped with four HDMI input terminals. USB type-A and Type-C. It is also equipped with Wi-Fi, and can conduct wireless transmission with a PC. Display Internet-based information and smoothly alternate presenters during a meeting.



# Preinstalled HTML5 Browser Allows for Easy Signage Updates

# The CQE1 series is preinstalled with the Android-based HTML5 browser. So, it can serve as signage using a without an external device, such as a set-top box or PC, or without a connection cable.



<sup>\*2:</sup> In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.



SQ1H SQ1

#### **Elaborate 4K Picture Quality down to the Tiniest Details**

With approximately 8,290,000 pixels, about four times the pixels of a Full-HD display, images are highly detailed. This dynamic. large-screen display achieves true-to-life finely nuanced images. With an optimal viewing





EQ2

SQE1

Images are simulated

#### **Supports HDR and BT.2020 Emulation**

transmit with excellent clarity.

S01H S01

The SQ1H, and SQ1 Series supports HDR (High Dynamic Range) (PQ and HLG). Image reproduction is stunning, from deepest black to sparkling bright highlights. Additionally, they have emulation mode for BT.2020. This enables an emulation display to support the wide color gamut of the ITU-R BT.2020 standard.

distance of 1.5 times the screen height, the 4K

display renders the information you want to

**Supports the Next-Generation** Intel® SDM Specification **Slot Standard** 

The SQ1H/SQ1/SQE1 Series is equipped with the new Intel® SDM specification slot standard that supports 4K signals. Combined with the interface board, you can easily use a built-in PC and add various interfaces.

# intel

SQ1H

#### High Color Reproduction (6-Axis & 12-Axis Color Correction)

The color space on LCD displays tends to narrow when the luminance level drops, and it's often accompanied by color phase shifts. Six Axis Coordinate Correction applies image processing to balance the six axes of the three primary colors (RGB) and their complementary colors (CMY). Further, in the SQ1 Series, the color temperature, shade, and brightness parameters of individual images can be adjusted for red, green, and blue, and their complementary colors, cyan, magenta, and yellow. This keeps the intermediate shades of extremely fine colors vibrant and lifelike.









Images are simulated.

SQ1

#### **Dynamic Signage is Possible with the Portrait Zoom**

Split the content from image sources, and enlarge the display in a portrait orientation. There is no need to use a special device, such as a processor, while creating content from various images. Placing three 65-inch models vertically creates a display equivalent to 112 inches. This enables highly visible store signage.

\* The picture quality may be degraded when the image is enlarged.



One image can be divided into







three and the sres selected. \*These functions on the 98/86SQ1 models are compatible with the Software Main Version 3.0000 or later.

#### **Easy Display of Images Optimized** for the Display Content

Conventional display panels are preset with display modes such as Standard and Dynamic. The SQ1H, and SQ1 Series comes with an extensive display menu to let you select the most suitable mode for the content to be displayed and the viewing environment. You can select the best mode for the video source and the place of display.







Displays images with priority signage in a bright environment. on natural color reproduction.



Displays images faithful to the original.



Surveillance Displays images with reduced Suitable for PC input. brightness and with priority on gradation.





Display images close to the DICOM Part 14 Grayscale Standard.

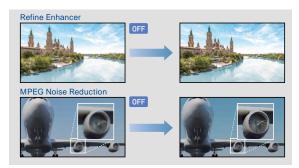
\*Although the term "DICOM" is used, this product is not medical equipment. Do not use displayed images for medical purposes such as examination or diagnosis

#### Refine Enhancer

Corrects blurry image contours resulting from resizing, etc., to improve the image resolution.

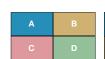
#### • MPEG Noise Reduction

Noise reduction suppresses the block noise and mosquito noise that are characteristic of digital video signals. This faithfully reproduces the inherent beauty of the image.



#### **Multi Input Screen Capability with No Processor Required**

Multi Input Screen Capability with No Processor Required The SQ1 Series can simultaneously display multiple images on a single screen. In addition to 4 multi screens, the SQ1H, and SQ1 Series can display 2 screens, such as PinP and PbyP. This is ideal for checking details in various applications, such as videoconferences, digital signage, and surveillance monitoring.



4 multi screen





25

Brilliant, High-Quality over 1200 cd/m<sup>2</sup> **Images for Bright Lobbies** 

The SQ1H Series provides highly visible signage even in open spaces with natural lighting. An ADS panel with a wide viewing angle is used, and it has an eye-catching effect even when people are moving.

\*TH-86SQ1H, TH-75SQ1H is 1500cd/m2





SQ1H SQ1 SQE1 EQ2 CQE1



#### **Portrait Installation** Capability

\* Expect the CQE1 Series

When the Large size display is installed vertically, it can display a person in almost life-size dimensions. It is ideal for digital signage use because it faithfully reproduces the textures and colors of a model's clothing and accessories. It helps to maintain a high-quality brand image. Vertical installation also has no effect on the lifetime of the panel.



#### **Efficiency and Reliability** for Continuous 24-hour Operation

The use of highly durable panel materials and quality electronic components ensures dependable 24-hour operation seven days a week.

\* Display of moving images is recommended when panels are in use for long periods to prevent image retention. Note that image burn-in can be gradually rectified with the periodical display of moving images.





SQ1 SQE1 CQE1

#### A Stylish and slim design Accentuates the Image

The stylish and slim design complies with the ADA standard (a depth of less than 4-inch (approx.100 mm) with brackets) in all important aspects. The narrow bezel displays higher-impact images, further enhancing the 4K picture quality. The slim profile isn't the least oppressive even when installed in a hanging configuration.

\* The availability of the TY-WK98PV1 varies depending on the country.



\* ADA stands for the "Americans with Disabilities Act," a United States law made to protect people with disabilities from discrimination

S01 S0E1 E02

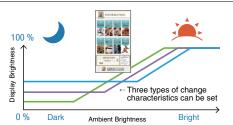
#### **Fanless Design**

Standard models robust fanless design prevents problems caused by the intake of dusty air. The displays can be safely installed and operated in high-traffic environments.

#### **Operate without wasting electricity** with the Automatic Brightness Adjustment function

Automatically adjusts the brightness of the screen display according to the surrounding environment. The brightness changes linearly so there is no feeling of discomfort.

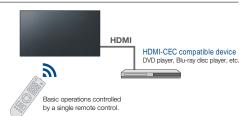
\*The images are graph are for illustration purposes only. It may be different from the actual brightness change.



#### **HDMI CEC Device Linking Supported**

HDMI-CEC compatible devices can be connected to the display by an HDMI cable, enabling the basic operations (such as power ON/OFF) of the compatible devices to be controlled by the display's remote control. Power ON/OFF of the display can also be switched using only the remote control (or main unit buttons) of the HDMI-CEC compatible devices.

\* The control of all devices cannot be guaranteed.



#### **Customizable Original Screen**

An original image created by your company or other desired picture can be displayed when the unit is turned on and when there is no input signal. The image data for the original screen can be transferred and stored in the display unit via a USB memory. This function allows a company logo mark, brand image, etc., to be displayed when there is no input signal.

- · Certain limitations apply to the format for original screen.
- \* The SQ1/SQE1/CQE1 Series is compatible with 3480 x 2160 and 1920 x 1080 resolution.





#### 4K Daisy Chain can be Constructed with Even Higher Resolution Multi-Screens

The SQ1 Series is equipped with DisplayPort input/output terminals. Construct a multi-screen that can output 4K images by installing multiple units and connecting them in a daisy chain.



#### **Failover and Failback Safeguards** for Mission Critical Situations

These models are equipped with a variety of signal input terminals. If the main video and audio signals are interrupted, the system immediately switches to alternative signals. This makes it ideal for mission critical control rooms and surveillance centers. If the main signals are restored, the original image is displayed.

\* The usable combinations of main and backup signals are limited

For details, see the product website



SQ1H SQ1





SQ1H SQ1

#### Simple Signage Operation with No STB

The display can automatically start showing pictures when a USB memory containing data is inserted. The display unit can be used as digital signage without a set-top box or PC. And the content can be displayed smoothly without including the black screen display. What's more, the order of content playback and playback time can be programmed Content can also be rewritten and multiple displays can be operated via LAN.\*

- . If it is difficult to insert a USB memory due to installation conditions use a commercially available extension cable
- Some files cannot be played back even if they are in the supported format. Regarding restrictions, see the operation manual.
- \* Multi Monitoring & Control Software (free) is required.



SQ1 SQE1 EQ2 CQE1

#### Playback by one unit



#### Simultaneous playback by multiple units



One of up to four display units becomes the parent unit, and the other units display images in sync with the parent unit. This enables the display of images in perfect sync when the panels are arranged next to each other.

#### **Play USB Content Instantly**

Playing Full HD video, still images, and digital documents from USB storage devices couldn't be easier. Just insert a thumb drive into the USB port and start presenting without needing to connect a PC. The Memory Viewer app enables image\* (JPEG, BMP) and video\* (WMV, AVI, MOV, MP4, MPG) selection from handy thumbnail previews.

\* In some cases, files may not be viewable even if they are encoded in a supported format.

#### ■ Applicable format

Motion Image AVI, MKV, ASF, MWV, GS, MGS, MP4, 3GP, MOV, FLV, F4V	Still Image	JPG, JPEG, JPE, BMP
	Motion Image	AVI, MKV, ASF, MWV, GS, MGS, MP4, 3GP, MOV, FLV, F4V

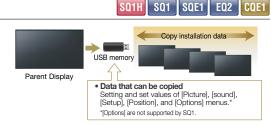
\* The SQE1 and CQE1 Series are not compatible with WMV, MTS and F4V.

SQ1 SQE1 EQ2 CQE1

#### **Cloning Function Speeds Up Multiple Display Setup**

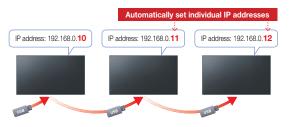
When installing multiple displays, the Cloning function lets you use a USB memory (or LAN network) to copy the settings of a parent display to other units, thus greatly shortening the setup time.

- [Date & Time], [Network Settings], [LAN Settings] and Display ID cannot be copied.
- The Cloning function works only for displays with the same



#### **USB Memory Network Settings**

Using a USB memory device, the network setting can be made for multiple displays. Individual IP addresses for each unit are automatically set.



Note: Setting images are simulated.

#### A Conference Room Audio Mode for Easier Listening

This function makes voices easier to listen to in video conferences or when the video is displayed, for improved audio quality. A setting is also possible to improve sound muffling when the display is mounted on a wall. If the automatic sound volume adjustment function is used, information sharing is possible with the sound level at a comfortable level.

\* This function on the 98/86SQ1 Series is compatible with the Software Main Version 4.0000 or later. Please contact your sales representative with regard to details.

#### Make Your Signage Easy with Panasonic Application

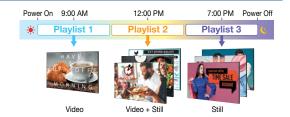
SQ1H SQ1

The SQ1H, SQ1 Series features a USB Media Player function that allows easy signage playback. Content Management Software is an application software for scheduling digital signage playback on a computer. It also allows power ON/OFF to be set.

For more information about Content Management Software Version 3.3.1, please visit: https://panasonic.net/cns/prodisplays/download/software/

#### Play Content Automatically with Scheduling Function

Content Management Software for PC Version 3.3.1 (free) enables easy playlist creation with media support including combinations of still and video images. You can set up schedules for playing and closing your media playlist at predetermined dates and times.



#### Convenient Playlist and Schedule Syncing

Playlists and schedules created with Content Management Software can be transferred to displays with USB memory, or via LAN. Synchronized playback on multiple displays is also supported.



SQ1 SQE1

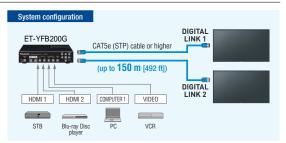


CQE1

#### **DIGITAL LINK Function Enables Simple Installation** and Low System Costs

Using DIGITAL LINK makes it possible to transmit video, audio and control signals over a long distance (up to 150 m [492 ft]) with a single LAN cable\*. Easy cabling also reduces labor during setup. This provides transmission of high-quality images and sounds, as well as remote control.

\* When connected with the [Long reach] mode, the maximum transmission distance is 150 m (492 ft). In this case, the unit can receive the signals of up to 1080/60p. A CAT5e (STP) cable or higher is required. This supports 4K video over distances of up to 50 m (164 ft) with a single LAN cable.

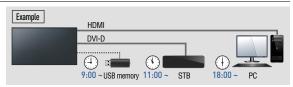


SQ1H SQ1

SQE1 EQ2

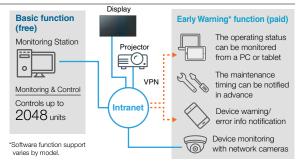
#### **Timer-Programmable Switching of Device Connection**

The timer function of the display unit can be used to change connected signal source devices at a desired time. This allows an easy change of displayed content according to the application or the progress of an event.



#### **Multi Monitoring & Control Software**

Compatible with Multi Monitoring & Control Software for addition of new functions, such as automatic searching for map displays and registered devices. Displays and peripheral equipment on the intranet can be controlled and their status can be monitored. Also error notification and error indication can be detected by an indication monitoring function (for a fee) for improved maintenance.



#### **Choose the Installation to Match Your Application**

Panasonic displays are designed for use in either portrait or horizontal orientation with no effect on panel color and lifespan, further reducing TCO. A tilt installation up to 45 degrees forward or backward is also possible. The angle can be adjusted for easy viewing when installed in a high location.

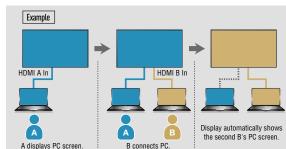
\* The installable angle varies depending on the model. For details, see the specifications page for each model. For more information on the specifications page, please visit the download page. (https://panasonic.net/cns/prodisplays/download/spec manual/)



#### **Smooth Switching of Presenters**

These displays automatically switches source signals when the input signal for the current content stops or when an input signal other than the signal of the current content is received. When presenters change during a meeting, the displayed image can be switched easily by simply changing the cable connection, thus eliminating the need to operate the remote control.

- \* The 2 switching inputs must be set in advance.
- \* This function may not operate correctly depending on the image playback device.
- \* Digital-digital switching is supported by the SQ
- ★ Input signal detection is possible for HDMI 1 and HDMI 2 only with the SQE1 and CQE1 Series.



#### **Built-in Speakers for the Playback of Content with Sound**

All models are supported

The display unit has built-in speakers so that it can playback content with sound without the connection of external speakers. This allows maximum use of a limited space for the installation of a large-screen display



#### **Supports LAN Content Connection**

The display can be controlled by LAN or RS-232C. You can configure the display into your existing control system, and can control several devices simultaneously. It also supports AMX or Crestron Connected™ LAN control.



**SQ1** 

SOE1

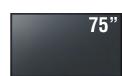
E02

#### Multi-Touch Screen

# SQ1-IG Series

Interactive Multi-Touch displays with InGlass™ technology









Model no.	TH-86SQ1-IG	TH-75SQ1-IG	TH-65SQ1-IG	TH-55SQ1-IG	
Panel Size	86-inch (2174,2 mm)	75-inch (1892,7 mm)	65-inch (1638,9 mm)	55-inch (1387,8 mm)	
Panel type / Backlight	IPS / E-LED		IPS / E-	-LED	
Aspect ratio	16	:09	16:0	09	
Effective display area (W x H)	1895 × 1065 mm (74.6" x 41.9")	1649.6 × 927.9 mm (64.94" × 36.53")	1428 × 803 mm (56.2" × 31.6")	1209 × 680 mm (47.6" × 26.7")	
Resolution (H x V)	3840 × 2160		3840 ×	2160	
Brightness (Typ)	500 (	cd/m2	500 cc	i/m2	
Contrast Ratio			1100	D:1	
Response Time	8.0 ms (Ty	yp) (G to G)	8.0 ms (Typ)	) (G to G)	
Viewing Angle [(T/B)/(L/R)]	178°/178	3° (CR≥10)	178°/178° (	(CR≥10)	
Panel Surface Treatment	Anti-glare, anti-reflective with the level	of haze approx. 5%(±3%)	Anti-glare, anti-reflective with the level of	haze approx. 5%(±3%)	
Detection Method	InGlass™ Touch Detection of	f human finger, passive stylus	InGlass™ Touch Detection of h	iuman finger, passive stylus	
Touch Operation Up to 20-point multi-touch Up to 20-point multi-touch		ulti-touch			
Power supply	12-24V / 1A ex	ternal	12-24V / 1A exter	rnal	
os	Win 7/8/10, Android,M	ac OS*1, Linux	Win 7/8/10, Android, Mac	: OS*1, Linux	
HDMI In	TYPE A Connector x 2	(HDCP2.2 supported)	TYPE A Connector x 2 (	(HDCP2.2 supported)	
DisplayPort In	DisplayPort x 1 (HI	DCP2.2 supported)	DisplayPort x 1 (HDC	CP2.2 supported)	
DisplayPort Out	DisplayPort x 1 (HI	DCP1.4 supported)	DisplayPort x 1 (HDC	CP1.4 supported)	
DVI-D/Audio (L/R)	DVI-D 24-pin x 1/Stereo Mini Ja	ack (M3) x 2 (Shared with PC In)	DVI-D 24-pin x 1/Stereo Mini Jack (M3) x 2 (Shared with PC In) Mini D-sub 15-pin x 1 (Female) Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)		
PC In/Audio In (L/R)	Mini D-sub 15-pin x 1 (Female)/Stereo M	ini Jack (M3) x 2 (Shared with DVI-D In)			
Serial	D-sub 9pin x 1, RS-232C Compatible		D-sub 9pin x 1, RS-2	232C Compatible	
IR In/Out	Stereo Mini Ja	ck (M3) x 1/x 1	Stereo Mini Jack	(M3) x 1/x 1	
Audio Out	30 W (15 W +	15 W) 10% THD	30 W (15 W + 1		
LAN	RJ45 x 1, 10 BASE-T / 100 BA	SE-TX, Compatible with PJLink™	RJ45 x 1, 10 BASE-TX Compatible with PJLi		
DIGITAL LINK	RJ45 x 1, 100 BASE-TX, Compatible	e with long reach mode and PJLink™	RJ45 x 1, 100 BASE-TX, Compatible	with long reach mode and PJLink™	
Slot	Intel® SDM specification Corre	sponding size SDM-S / SDM-L	Intel® SDM specification Corresp	Intel® SDM specification Corresponding size SDM-S / SDM-L	
USB		V/2 A, DC 5V/1A (USB 3.0 Supported)	USB Connector (TYPE-A) x 2, DC 5 V/		
Power Requirements	220-240 V	AC, 50/60 Hz	220-240 V A	C, 50/60 Hz	
Power consumption	max. 487 W	max. 392 W	max. 327 W	max. 307 W	
Power off Condition	Approx	c. 0.3 W	Approx.	0.3 W	
Stand-by Condition	Approx	k. 0.5 W	Approx.	0.5 W	
Dimensions (W x H x D)	1966,5 x 1137,5 x 84,5 mm	1720 x 998,5 x 74,5 mm	1497,3 x 874,9 x 77,5 mm	1279,9 x 752,7 x 74,3 mm	
Carton Size	2224 x 1427 x 373 mm	1832 x 1283 x 280 mm	1642 x 1037 x 248 mm	1404 x 879 x 203 mm	
Weight	Approx. 92kg	Approx. 76kg	Approx. 51kg	Approx. 35,5kg	
Gross Weight	Approx. 115kg	Approx. 91kg	Approx. 62kg	Approx. 44kg	
Wall-hanging pitch	VESA Compliant 600 ×	400 mm (23.6" × 15.8")	VESA Compliant 400 x 4	100 mm (15.8" x 15.8")	
Protective Glass Thickness	·	mm	3 mm		
Bezel Depth	32	mm	32 m	nm	
Built-in Speaker	20 W [10	W + 10 W]	20 W [10 W + 10 W]		
Orientation	Landscape	,	Landscape / Portrait		
Tilting Angle*2	Landscape setting: 0 - 45 degrees forward/backward,		Landscape setting: 0 - 45 degrees forward/backward, F		
Operating Environment		04 °F)*1 : 0°C to 35°C (32 °F to 95 °F)*2	Temperature: 0°C to 40°C (32 °F to 104 °F)*1 : 0°C to 35°C (32 °F to 95 °F)*2		
		14 F) 1. 0 C to 35 C (32 F to 95 F) 2 1% (No condensation)	Humidity: 20% to 80%		
		00 m (0 to 9186 ft)	Altitude: 0 to 2800 m (0 to 9186 ft)		
Operating Time*3	24 h/day		24 h/day		
Content Management Software		r (Windows only)	Ver. 3.0 or later (	•	
Multi Monitoring & Control Software		/indows only)	Ver. 2.1 (Wir	`	
Early Warning Software	•	0/105 Series	ET-SWA100/	• .	
Auto Display Adjustment Upgrade Kit		/UK10	TY-VU		
Video Wall Manager		es es	Ye:		

<sup>\*1:</sup> Limited performance.

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<sup>\*2:</sup> When installing the display vertically, be sure that the power indicator comes to the right side.

Please contact your sales representative with regard to the tilt angle before installation.

\*3: In case running for a long time, the moving image is recommended to be displayed.

If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

<sup>\*4:</sup> Downloadable for free. For more information, please visit Global website. https://panasonic.net/cns/prodisplays/download/software/whiteboard/

# SQE1-IG Series

Interactive multi-touch displays with InGlass™ technology









Model no.	TH-86SQE1-IG	TH-75SQE1-IG		TH-65SQE1-IG	TH-55SQE1-IG	
Panel size	86-inch (2174,2 mm)	75-inch (1893,7 mm)		65-inch (1638,9 mm)	55-inch (1387,8 mm)	
Panel type / Backlight	E-LED D-LED			D-LED	D-LED	
Aspect ratio	16	5:9		16	:9	
Effective display area (W x H)	1895 x 1065,9 mm (74.6" x 41.96")	1649,6 × 927,9 mm (64.94" × 36.53")	14	28,4 × 803,5 mm (56.23" × 31.63")	1209,6 × 680,4 mm (47.62" × 26.78")	
Resolution (H x V)	3840	× 2160		3840 >	× 2160	
Brightness (Typ)	500 cd/m2			500 c	d/m2	
Contrast Ratio	1100:1	1200:1		1200:1 8.0 ms (Typ) (G to G)		
Response Time	8.0 ms (T)	rp) (G to G)				
Viewing Angle [(T/B)/(L/R)]	Angle [(T/B)'(L/R)] 178°/178° (CR>10) 178°/178° (CR>10)		° (CR>10)			
anel Surface Treatment Anti-glare, anti-reflective with the level of haze approx. 5%(±3%)		level of haze approx. 5%(±3%)		Anti-glare, anti-reflective with the level of haze approx. 5%(±3%)		
Detection Method InGlass™ Touch Detection of human finger, passive stylus InGlass™ Touch Detection of human finger, passive stylus			human finger, passive stylus			
Touch Operation	Up to 20-poir	t multi-touch		Up to 20-point	t multi-touch	
Power Supply	12-24V / 1	A external		12-24V / 1/	A external	
OS	Win 7/8/10, Andro	id.Mac OS*1. Linux		Win 7/8/10, Android	d.Mac OS*1. Linux	
HDMI In	HDMI Type A			HDMI Type A C	· · · · · · · · · · · · · · · · · · ·	
DisplayPort In	Displayl			DisplayP		
DisplayPort Out	Displayl			DisplayP		
PC In	Mini D-sub			Mini D-sub		
Serial	D-sub 9pin x 1, RS	•		D-sub 9pin x 1, RS-	•	
IR In	Stereo Mini			Stereo Mini ja		
Audio In	Pin Jack			Pin Jack		
Audio Out	Stereo Mini jack (M3) x 1, SPDIF x 1			Stereo Mini jack (M	· · ·	
USB	USB Connector Type-A x 2, Type-C x 1 (Internal) Type-A x 1			USB Connector Type-A x 2, Ty	•	
Slot	x1 (Intel® SDM specification, Corresponding size SDM-S / SDM-L, 12V x max. 3.5A)			x1 (Intel® SDM specification, Corresponding		
LAN	RJ4	, ,		RJ45	, ,	
Power Requirements		z, 220-240 V AC, 50/60 Hz			z, 220-240 V AC, 50/60 Hz	
Power Consumption	max. 371 W (319 W)*2	max. 341 W (287 W)*2		max. 288 W (236 W)*2	max. 204 W (150 W)*2	
Power off Condition	` '	W		0 \	` ,	
Stand-by Condition	Approx			Approx.		
Wifi	Dongle	Built-in		• • • • • • • • • • • • • • • • • • • •	Built-in	
Dimensions (W x H x D)	1.966,5 x 1137,5 x 72,7 [88,6]*3 mm	1.721,8 x 1006,4 x 81,9 [104,8]*3 mm		1.495,3 x 878 x 87 [109,2]*3 mm	1.278,9 x 751,7 x 87,6 [112,4]*3 mm	
Carton Size	2.163 x 1.405 x 380 mm	1.948 x 1.170 x 210 mm		1.607 x 980 x 177 mm	1.369 x 874 x 165 mm	
Weight	95,9 kg	63,4 kg		46,8 kg	29,7 kg	
Gross Weight	118 kg	78 kg		57 kg	25,7 kg 36,5 kg	
Wall-hanging pitch		00 mm (23.6" × 15.8"), M8	VESA Co.	mpliant 400 x 400 mm (15.8" x 15.8"), M6	VESA Compliant 400 x 200 mm (15.8" x 7.9"), M6	
Protective Glass Thickness	3 r		VESA COI	3 m		
Bezel Width	33 mm	37.7 mm		37 mm	33 mm	
Built-in Speaker		W + 12 WI				
Orientation		,		16 W [8 W + 8 W]  Landscape / Portrait		
Tilting Angle*4	Landscape / Portrait  Landscape setting: 0 - 20 degrees forward, Portrait setting: 0 - 20 degrees forward			Landscape setting: 0 - 20 degrees forward,		
Operating Environment						
Operating Environment	Temperature: 0° to 40°C (32 °F to 104 °F)	, , ,		Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altidute. Temperature 0 °C to 35 °C (32 °F to 95 °F)		
	for up to 0-1400 m (4593 ft) altidute. Ter	·				
Operating Time *5		m (4593 ft to 7874 ft)		Altitude 1400-2800 m	,	
Operating Time*5	24 h	SS S		24 h/ YE		
Multi Monitoring & Control Software						
Early Warning Software	-	00 Series		ET-SWA10		
Whiteboard Software*6	Downloadable for free – for Windows			Downloadable for fre	ee – tor vvindows	

For the latest information about Panasonic Professional Displays, please visit: business.panasonic.co.uk/visual-system

<sup>\*1:</sup> Limited performance.
\*2: When the slot is not in use.
\*3: Dimensions including SDM-Slot.

<sup>73:</sup> Dimensions including SDM-side.
4: When installing the display vertically, be sure that the power indicator comes to the right side.
Please contact your sales representative with regard to the tilt angle before installation.

75: In case running for a long time, the moving image is recommended to be displayed.

1f you display a still picture for an extended period, the image retention might remain on the screen.

16: However, image retention can gradually disappear by displaying a moving images.

76: Downloadable for free. For more information, please visit Global website. https://panasonic.net/cns/prodisplays/download/software/whiteboard/

### Multi-Touch Screen

# SQE1-IR Series

Interactive multi-touch displays with Infrared technology









Model no.	TH-86SQE1-IR	TH-75SQE1-IR	TH-65SQE1-IR	TH-55SQE1-IR						
Panel size	86-inch (2174,2 mm)	75-inch (1893,7 mm)	65-inch (1638,9 mm)	55-inch (1387,8 mm)						
Panel type / Backlight	E-LED	D-LED	D-LED	D-LED						
Aspect ratio	1	6:9	16:9							
Effective display area (W x H)	1895 × 1065,9 mm (74.6" × 41.96")	1649,6 × 927,9 mm (64.94" × 36.53")	1428,4 × 803,5 mm (56.23" × 31.63")	1209,6 × 680,4 mm (47.62" × 26.78")						
Resolution (H x V)	3840	× 2160	3840 × 21	60						
Brightness (Typ)	500	cd/m2	500 cd/m	2						
Contrast Ratio	1100:1	1200:1	1200:1							
Response Time	8.0 ms (T	yp) (G to G)	8.0 ms (Typ) (C	G to G)						
Viewing Angle [(T/B)/(L/R)]	178°/17	3° (CR>10)	178°/178° (CI	R>10)						
Panel Surface Treatment	Anti-glare acid etched	I glass with 3.5% haze	Anti-glare acid etched glas	s with 3.5% haze						
Detection Method	Infrared Blocking	Detection Method	Infrared Blocking Detec	ction Method						
Touch Operation	Up to 20-poi	nt multi-touch	Up to 20-point mu	ulti-touch						
Power Supply	USB 5\	// 300mA	USB 5V / 30	0mA						
OS	Win 7/8/10,	Android, Linux	Win 7/8/10, Andro	oid, Linux						
HDMI In	HDMI Type A	Connector x 4	HDMI Type A Con	nector x 4						
DisplayPort In	Display	Port x 1	DisplayPort :	x 1						
DisplayPort Out	Display	Port x 1	DisplayPort :	x 1						
PC In	Mini D-sul	o 15-pin x 1	Mini D-sub 15-	pin x 1						
Serial	D-sub 9pin x 1, R	S-232C Compatible	D-sub 9pin x 1, RS-232	2C Compatible						
IR In	Stereo Mini	jack (M3) x 1	Stereo Mini jack	(M3) x 1						
Audio In	Pin Jac	k (L/R) x2	Pin Jack (L/F	R) x2						
Audio Out	Stereo Mini jack (	M3) x 1, SPDIF x 1	Stereo Mini jack (M3) x	1, SPDIF x 1						
USB	USB Connector Type-A x 2, 1	Type-C x 1 (Internal) Type-A x 1	USB Connector Type-A x 2, Type-	C x 1 (Internal) Type-A x 1						
Slot	x1 (Intel® SDM specification, Correspondi	ng size SDM-S / SDM-L, 12V x max. 3.5A)	x1 (Intel® SDM specification, Corresponding size SDM-S / SDM-L, 12V x max. 3.5A)							
LAN	RJ4	5 x 1	RJ45 x <sup>2</sup>	1						
Power Requirements	110-127 V AC, 50/60 H	z, 220-240 V AC, 50/60 Hz	110-127 V AC, 50/60 Hz, 22	20-240 V AC, 50/60 Hz						
Power Consumption	max. 366 W (314 W)*1	max. 336 W (282 W)*1	max. 283 W (231 W)*1	max. 199 W (145 W)*1						
Power off Condition	. ,	w	0 W							
Stand-by Condition	Approx	c. 0.5 W	Approx. 0.5	W						
Wifi	Dongle type	Built-in	Built-in							
Dimensions (W x H x D)	1.962 x 1136 x 64,1 [97,6]*2 mm	1.716 x 1002 x 90,8 [113,7]*2 mm	1.495 x 876,4 x 96,9 [112,6]*2 mm	1.278,3 x 750,4 x 97,5 [119,7]*2 mm						
Carton Size	2.163 x 1.405 x 380 mm	1.948 x1.170 x 210 mm	1.607 x 980 x 177 mm	1.369 x 874 x 165 mm						
Weight	97,9 kg	65,4 kg	47,8 kg	30,2 kg						
Gross Weight	120 kg	80 kg	58 kg	37 kg						
Wall-hanging pitch	VESA Compliant 600 x 4	400 mm (23.6" × 15.8"), M8	VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6	VESA Compliant 400 x 200 mm (15.8" x 7.9"), M6						
Protective Glass Thickness	3	mm	3 mm							
Bezel Width	40 mm	40 mm	40 mm	34 mm						
Built-in Speaker	24 W [12	. W + 12 W]	16 W [8 W +	8 W]						
Orientation	Landscap	e / Portrait	Landscape / Po	ortrait						
Tilting Angle*4	Landscape setting: 0 - 20 degrees forward	d, Portrait setting: 0 - 20 degrees forward	Landscape setting: 0 - 20 degrees forward, Po	rtrait setting: 0 - 20 degrees forward						
Operating Environment	Temperature: 0° to 40°C (32 °F to 104 °F	)/ Humidity: 20-80% (Non condensation)/	Temperature: 0° to 40°C (32 °F to 104 °F) / Hu	midity: 20-80% (Non condensation) /						
	for up to 0-1400 m (4593 ft) altidute. Te	mperature 0 °C to 35 °C (32 °F to 95 °F)	for up to 0-1400 m (4593 ft) altidute. Temper	rature 0 °C to 35 °C (32 °F to 95 °F)						
	Altitude 1400-2800	m (4593 ft to 7874 ft)	Altitude 1400-2800 m (4	593 ft to 7874 ft)						
Operating Time*5	24	h/day	24 h/day							
Multi Monitoring & Control Software	Y	ËS	YES							
Early Warning Software	ET-SWA	100 Series	ET-SWA100 S	Series						
Whiteboard Software*3	Downloadable for	free – for Windows	Downloadable for free –	for Windows						

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<sup>\*1:</sup> When the slot is not in use.
\*2: Dimensions including SDM-Slot.
\*3: When installing the display vertically, be sure that the power indicator comes to the right side.
Please contact your sales representative with regard to the tilt angle before installation.
\*4: In case running for a long time, the moving image is recommended to be displayed.
If you display a still picture for an extended period, the image retention might remain on the screen.
However, image retention can gradually disappear by displaying a mowing images.
\*5: Downloadable for free. For more information, please visit Global website. https://panasonic.net/cns/prodisplays/download/software/whiteboard/

### Multi-Touch Screen

# CQE1-IR Series

Interactive multi-touch displays with Infrared technology









Model no.	TH-86CQE1-IR	TH-75CQE1-IR	TH-65CQE1-IR	TH-55CQE1-IR
Panel size	86-inch (2174,2 mm)	75-inch (1893,7 mm)	65-inch (1638,9 mm)	55-inch (1387,8 mm)
Panel type	E-LED	D-LED	D-LED ,	D-LED ,
Aspect ratio	16	:9	16:9	
Effective display area (W x H)	1895 × 1065,9 mm (74.6" × 41.96")	1649,6 × 927,9 mm (64.94" × 36.53")	1428,4 × 803,5 mm (56.23" × 31.63")	1209,6 × 680,4 mm (47.62" × 26.78")
Resolution (H x V)		<b>&lt;</b> 2160	3840 × 2	160
Brightness (Typ)	400 0	d/m2	400 cd/r	n2
Contrast Ratio	120	0:1	1200:1	1300:1
Response Time	8.0 ms (Ty	p) (G to G)	8.0 ms (Typ)	(G to G)
Viewing Angle (Horizontal/Vertical)	178°/178	° (CR>10)	178°/178° (C	CR>10)
Panel Surface Treatment	Anti-glare acid etched	glass with 3.5% haze	Anti-glare acid etched gla	ss with 3.5% haze
Detection Method	Infrared Blocking [	Detection Method	Infrared Blocking Dete	ection Method
Touch Operation	Up to 20-poir	t multi-touch	Up to 20-point m	ulti-touch
Power Supply	USB 5V	/ 300mA	USB 5V / 3	00mA
os	Win 7/8/10, A	ndroid, Linux	Win 7/8/10, And	roid, Linux
HDMI In	HDMI Type A	Connector x 4	HDMI Type A Co	nnector × 4
PC In	Mini D-sub 15-p	in x 1 (Female)	Mini D-sub 15-pin x	< 1 (Female)
Serial	D-sub 9pin x 1 (Female	, RS-232C Compatible	D-sub 9pin x 1 (Female), F	RS-232C Compatible
IR In	Stereo Mini j	ack (M3) x 1	Stereo Mini jack	(M3) × 1
Audio In	Pin Jack	(L/R) × 2	Pin Jack (L/I	R) × 2
Audio out	Stereo Mini jack (N	13) × 1, SPDIF × 1	Stereo Mini jack (M3)	× 1, SPDIF × 1
USB	USB Connector Type-A x 2, Ty	rpe-C × 1, (Internal) Type-A × 1	USB Connector Type-A x 2, Type	-C × 1, (Internal) Type-A × 1
LAN	RJ4	5×1	RJ45 x	1
Power Requirements	110-127 V AC, 50/60 H	z, 220-240 V AC, 50/60 Hz	110-127 V AC, 50/60 Hz, 2	20-240 V AC, 50/60 Hz
Power Consumption	max. 366 W	max. 309 W	max. 226 W	max. 137 W
Power off Condition	0	W	0 W	
Stand-by Condition	Approx	. 0.5 W	Approx. 0.	5 W
Wifi	Dongle	Built-in	Built-in	
Dimensions (W x H x D)	1.962 x 1.136 x 64,1 mm	1.716 x 1.002 x 90,8 mm	1.495 x 876,4 x 96,9 mm	1.278,3 x 750,4 x 97,5 mm
Carton Size	2.163 x 1.405 x 380 mm	1.948 x 1.170 x 210 mm	1.607 x 980 x 177 mm	1.369 x 874 x 165 mm
Weight	96,7 kg	64,8 kg	47,2 kg	29,2 kg
Gross Weight	119 kg	79 kg	58 kg	35 kg
Wall-hanging pitch	VESA Compliant 600 x 4	00 mm (23.6" × 15.8"), M8	VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6	VESA Compliant 400 x 200 mm (15.8" x 7.9"), M6
Protective Glass Thickness	3 n	nm	3 mm	
Bezel Width	40 mm	40 mm	40 mm	34 mm
Built-in Speaker	24 W [12	W + 12 W]	16 W [8 W -	+ 8 W]
Orientation	Lands	cape	Landsca	pe
Tilting Angle*1	Landscape setting: 0	20 degrees forward	Landscape setting: 0-20	degrees forward
Operating Environment	Temperature: 0° to 40°C (32 °F to 104 °F)	/ Humidity: 20-80% (Non condensation) /	Temperature: 0° to 40°C (32 °F to 104 °F) / H	umidity: 20-80% (Non condensation) /
	for up to 0-1400 m (4593 ft) altidute. Ter	nperature 0 °C to 35 °C (32 °F to 95 °F)	for up to 0-1400 m (4593 ft) altidute. Tempe	erature 0 °C to 35 °C (32 °F to 95 °F)
		n (4593 ft to 7874 ft)	Altitude 1400-2800 m (4	
Operating Time*2	16 h	,	16 h/da	,
Multi Monitoring & Control Software	Y	ES .	YES	
Early Warning Software	ET-SWA1	00 Series	ET-SWA100	Series
Whiteboard Software*3	Downloadable for fi	ee – for Windows	Downloadable for free	– for Windows

For the latest information about Panasonic Professional Displays, please visit: business.panasonic.co.uk/visual-system

<sup>\*1:</sup> Please contact your sales representative with regard to the tilt angle before installation.
\*2: In case running for a long time, the moving image is recommended to be displayed.
If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.
\*3: Downloadable for free. For more information, please visit Global website.https://panasonic.net/cns/prodisplays/download/software/whiteboard/

## **Engaging Interactive Multi-Touch Displays** for high efficient Team work and Digital signage

#### Slim and stylish design with high precision intuitive touch for collaboration & teamworks

- Wide range of sizes, from 55" to 86", to meet any space requirements.
- Multi-touch screen integrated infrared touch frame with 20 simultaneous touchpoints increases usability and participant involvement.
- Flexible installation (landscape, portrait or back-tilt 20°)
- 4k ultra HD resolution delivering the highest detail and image quality.



#### Cost-effective collaboration

- As with all the Panasonic interactive range, the SQE1/CQE1-IR and SQ1/SQE1-IG displays can be used with the Panasonic Whiteboard Software for Windows or Mac, including a whiteboard mode, PowerPointR presentation mode - as well as Video and Screen Capture functions.
- These multi-touch displays includes a wide range of flexible functions and extended connectivity from the main SQ1/SQE1/CQE1 series.



#### **Built for practicality**

- Created with safety and ease of use in mind, the touch screens are perfect for use in schools and other education spaces.
- The screens with IG technology are built with protection tempered anti-glare glass with only 3mm thickness.
- The larger size (75", 86") come with a handy carrying handle to ensure efficient and safe mobility.



#### **SQ1-IG Series**

Premium interactive multi-touch display - ideal for executive-level meeting rooms, collaborative spaces or interactive applications.

#### Ideal for:

- Meeting Rooms
- Huddle Rooms
- Showrooms
- Museums
- Exhibitions
- Higher Education
- Control rooms
- · Broadcast studios
- Retail
- Signage

#### **Kev Features:**

- Featuring InGlass™ reliable and stable touch technology. Gives best touch accuracy with 4K resolution.
- Up to 20/40 simultaneous touches and drags for superior touch performance and highest efficient collaboration among multi users
- Best writing experience : anti-glare surface and paper-like drawing feeling
- Differentiates pen, finger and fist. Palm rejection feature
- Sleek design with flat glass surface and narrow bezel
- Benefits from all the premium features of the SQ1 display range, 4K resolution. 500 cd/m<sup>2</sup>, 24/7 operation, in large formats 86", 75", 65", 55"
- High expandability with ultra-slim Intel® SDM (Intel® Smart Display Module) slot, DisplayPort connection for daisy-chain signage, multiple screen function (quad, PinP, PbyP) and 4K DIGITAL LINK to create integrated smart collaboration and signage solutions

#### **Basic Specifications**

























#### **SQE1-IG Series**

Premium interactive multi-touch display - ideal for executive-level meeting rooms, collaborative spaces or interactive applications.

#### Ideal for:

- Meeting Rooms
- Huddle Rooms
- Showrooms
- Museums
- Exhibitions
- · Higher Education
- · Control rooms
- · Broadcast studios
- Retail
- Signage

#### **Key Features:**

- Featuring InGlass™ reliable and stable touch technology. Gives best touch accuracy with 4K resolution.
- Up to 20/40 simultaneous touches and drags for superior touch performance and highest efficient collaboration among multi users
- Best writing experience : anti-glare surface and paper-like drawing feeling
- Differentiates pen, finger and fist. Palm rejection feature
- Sleek design with flat glass surface and narrow border
- Benefits from all the premium features of the SQE1 display range, 4K resolution, 500 cd/m<sup>2</sup>, 24/7 operation, in large formats 86", 75", 65", 55"
- Slot with Intel® SDM (Smart Display Module) specifications. Equipped with 4 HDMI, USB Type-A and C, DP(In/Out) input terminals, supports HDMI CEC

#### **Basic Specifications**





















#### SQE1-IR Series

4K multi-touch display with infrared technology and high flexibility to enhance collaboration

#### Ideal for:

- · Classrooms and seminar rooms
- Huddle rooms
- Offices
- · Lecture theatres Presentation rooms
- · Control rooms.

#### Key Features:

- Slim and stylish design multi-touch screens 55" to 86", 500 cd/m<sup>2</sup>, 24/7 operation
- Precise writing experience and up to 20 simultaneous touch points to enhance collaboration
- 4K resolution, fast response and precise touch for the highest detail and quality of images, drawings or data. Non-4K sources are also beautifully compensated
- Bright and efficient high-visibility 4K panel
- Built-in USB Media Player playing 4K content eliminates the need for external devices and allows updates to USB memory devices via LAN
- Slot with Intel® SDM (Smart Display Module) specifications. Equipped with 4 HDMI, USB Type-A and C, DP(In/Out) input terminals, supports HDMI CEC
- Flexible and light installation either in Portrait, landscape and tilt (landscape forward 20 degree) orientation

#### **Basic Specifications**















### **CQE1-IR Series**

4K entry professional multi-touch display with infrared touch technology for high user engagement

#### Ideal for:

- · Classrooms and seminar rooms
- Huddle rooms
- Offices
- Lecture theatres
- Presentation rooms
- · Control rooms.

#### **Key Features:**

- Slim and stylish design with wide range of sizes, from 55" to 86", to meet any space
- Infrared technology up to 20 simultaneous touch points to ensure an ease of use and to enhance interaction and collaboration
- 4K resolution for the highest detail and quality of images, drawings and data. Non-4K sources are also beautifully compensated
- Built-in USB Media Player playing 4K content eliminates the need for external devices and allows updates to USB memory devices via LAN
- · Extensive connectivity

#### **Basic Specifications**











# Series







	Model no.	TH-55VF2H	TH-55VF2	TH-55LFV9				
	Screen size (Diagonal)/Aspect Ratio	55-inch (1387 mm)/16:9	55-inch (1387 mm)/16:9	55-inch (1387.8 mm)				
	Panel Type	IPS/Direct LED	IPS/Direct LED	IPS/Direct LED				
닒	Effective Display Area (W x H)	1209.6 x 680.3 mm (47.6" x 26.7")	1209.6 x 680.3 mm (47.6" x 26.7")	1209.6 x 680.4 mm (47.62" x 26.78")				
Ž	Resolution (H x V)	1920 x 1080	1920 x 1080	1920 x 1080				
9	Brightness (Typ.)	700 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>				
¥	Contrast Ratio	1100:1	1100:1	1200:1				
点	Dynamic Contrast Ratio	500000:1	500000:1	500000:1				
	Response Time	9.0 ms (G to G)	9.0 ms (G to G)	9.0 ms (G to G)				
	Viewing Angle (Horizontal/Vertical)	178° / 178° (CR≥10)	178° / 178° (CR≥10)	178° / 178° (CR≥10)				
	Panel Surface Treatment	Advanced Anti-Glare (Haze 28 %)	Advanced Anti-Glare (Haze 28 %)	Anti-Glare (Haze 28 %)				
	HDMI In	HDMI Type A	Connector x 1	HDMI Type A Connector x 2				
	VIDEO In	_	_	BNC x 1 (Shared with Component In)				
	Audio In (L/R)	-	<del>-</del>	Stereo Mini Jack x 1 (Shared with Component In)				
	Component/RGB In	_	_	BNC x 1 set (Shared with VIDEO In)				
	Audio In (L/R)	-	<del>-</del>	Stereo Mini Jack x 1 (Shared with Video In)				
	DisplayPort In	DisplayPort x 1 (DP1	.1a Dual Mode Only)	DisplayPort x 1 (DP1.1a / DP1.2)				
	DisplayPort Out	_	_	DisplayPort x 1				
	DVI-D In		x 2 (Female)	DVI-D 24-pin x 1 (Female)				
	Audio In (L/R)	Stereo Mini Jack (M3):	x 1 (Shared with PC In)	Pin Jack (L+R) x 1 set (Shared with PC In)				
A	DVI-D Out	_	_	_				
Z	PC In	Mini D-Sub 15-	pin x 1 (Female)	Mini D-Sub 15-pin x 1 (Female)				
훒	Audio In (L/R)	Stereo Mini Jack (M3) x	1 (Shared with DVI-D In)	Pin Jack (L+R) x 1 set (Shared with DVI-D In)				
뿌	DVI-I Out	_	_	DVI-I 29-pin x 1				
	USB	USB Connector (TYPE-A) x 1, DC 5 \	V/500 mA (USB3.0 is not supported.)	USB Connector (TYPE-A) x 1, DC 5 V/500 mA (USB3.0 is not supported.)				
	Serial In/Out	D-Sub 9-pin x 1 (Male)/ x 1 (Female), RS-232C Compa	tible D-Sub 9-pin x 1 (Male) / x 1, RS-232C Compatible	2.5 mm Phone Jack x 1 / x 1				
	DIGITAL LINK In/DIGITAL LINK Out	RJ45 x 1/ x 1, 100 BASE-TX, Compatible with lo	ong reach mode and PJLink™ (Shared with LAN)	_				
	LAN	RJ45 x 1/ x 1, (100 BASE-TX, Compatible	with PJLink™) (Shared with DIGITAL LINK)	RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PJLink™				
	IR In/Out	Stereo Mini Jac		Stereo Mini Jack (M3) x 1 / x 1				
	Audio 1 In	Stereo Mini J	,	_				
	Audio 2 In	L/R Pin 、	Jack x 1	_				
	Audio Out	Stereo Mini Jack (M Variable (- ∞ ~ 0 dB) (1 kH;		Stereo Mini Jack (M3) x 1 0.5 V [rms] Variable (- $\infty$ ~ 0 dB) (1 kHz 0 dB Input, 10 k $\Omega$ Load)				
	Power Requirements	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz	220-240 V AC, 50 Hz/60 Hz				
	Power Consumption	300 W	300 W	185 W				
	Stand-by Condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W				
	Dimensions (W x H x D)	1210.6 x 681.3 x 97.3 mm (47.66" x 26.82" x 3.83")	1210.6 x 681.3 x 97.3 mm (47.66" x 26.82" x 3.83")	1213.4 x 684.2 x 98.0 mm (47.78" x 26.94" x 3.86")				
	Carton Size (W x H x D)	1395 x 848 x 280 mm (55.0" x 33.4" x 11.1")	1395 x 848 x 280 mm (55.0" x 33.4" x 11.1")	1395 x 848 x 280 mm (55.0" x 33.4" x 11.1")				
	Bezel Width	T/B/L/R: 0.44 mm (0.018")	T/B/L/R: 0.44 mm (0.018")	L/T: 2.25mm (0.089"), R/B: 1.25mm (0.049")				
	Bezel to Bezel*1	0.88 mm (0.034") (Multi Screen)	0.88 mm (0.034") (Multi Screen)	3.5 mm (0.14") (Multi Screen)				
A	Weight	Approx. 23.0 kg (50.7 lbs.)	Approx. 23.0 kg (50.7 lbs.)	27.0 kg (59.5 lbs.)				
出出	Gross Weight	Approx. 34.0 kg (75.0 lbs.)	Approx. 34.0 kg (75.0 lbs.)	37.0 kg (81.6 lbs.)				
	Pitch for Wall-Hanging	VESA compliant 400 x	400 mm (15.8" x 15.8")	VESA compliant 400 x 400 mm (15.8" x 15.8")				
Θ	External Speaker	_	_ `	8 Ω, 20 W [10W + 10 W] (10% THD)				
	Orientation*2	Landscap	pe/Portrait	Landscape/Portrait				
	Tilting Angle*2	Vertica	al Only	Vertical Only				
	Operating Environment	Temperature: 0 °C to 40 °C (3	2 °F to 104 °F)*3/0 °C to 35 °C	Temperature: 0 °C to 40 °C (32 °F to 104 °F)*3/0 °C to 35 °C				
		(32 °F to 95 °F)*4 / Humidity: 2	0 % to 80 % (No Condensation)	(32 °F to 95 °F)*4 / Humidity: 20% to 80% (No Condensation)				
	Storage Environment	Temperature:-20 °C to 60 °C (-4 °F to 140 °F)	/ Humidity: 10% to 90 % (Non condensation)	Temperature:-20 °C to 60 °C (-4 °F to 140 °F) / Humidity: 10 % to 90 % (Non condensation)				
	Operating Time*6	24 h	/day	24 h/day				
	Cover Frame Kit	_	_	_				
SS	Installation Mount	TY-VK55LV2	TY-VK55LV2	TY-VK55LV2				
읃	Early Warning Software*7	ET-SWA100/105 Series	ET-SWA100/105 Series	ET-SWA100/105 Series				
9	Auto Display Adjustment Upgrade Kit*8	TY-VUK10	TY-VUK10	TU-VUK10				
	Multi Window Processor	_	_	_				

 <sup>\*1:</sup> Bezel-to-Bezel distance means the combined top and bottom (or left and right) bezel width of adjacent displays in multi-screen. The gap between displays is not included. Note a gap of 0.5 mm (0.02") or more is required when installing multiple displays.
 \*2: Please contact your sales representative with regard to the tilt angle before installation.

<sup>\*3:</sup> For up to 1400 m (4593 ft) attitude. \*4: For between 1400m (4593 ft) to 2800 m (9186 ft) attitude. \*5: For up to 2000 m (6562 ft) attitude.

<sup>\*6:</sup> In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.
\*7: Multi Monitoring & Control Software Ver. 2.1 or later is required. Suffix of the part number may differ depending on the license type.

<sup>\*8:</sup> Download the latest Video Wall Manager from Global Website in advance. (https://panasonic.net/cns/prodisplays/download/software/wm/)

#### **Narrow Bezel for Seamless Video Walls**

VF2H/VF2 LFV9

Narrow frames on Panasonic's LCD Video Wall Series reduce bezel-to-bezel distance to a near-invisible 0.88 mm\*. Even when viewed close-up, screen borders are almost indiscernible, resulting in truly spectacular large-format images.

\*TH-55VF2H/55VF2 features 0.88 mm (0.03"), and TH-55LFV9 3.5 mm (0.14"), bezel-to-bezel distance. Bezel-to-bezel distance refers to the combined top and bottom (or left and right) bezel-width of adjacent displays in video-wall configuration. The gap between displays is not included. Note that a gap of 0.5 mm or more is required when installing multiple displays.

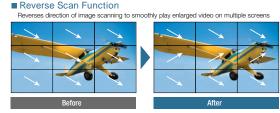




#### **Improved Multi-Screen Video Visibility**

VF2H/VF2

When high-speed video is played on multiple screens in a video wall, some image misalignment can occur between vertically adjacent panels. VF2H, and VF2 Series feature a Reverse Scan Function that alternates the scanning direction of vertically adjacent displays to improve image alignment. Frame Control Function, meanwhile, adjusts the number of video frames displayed to reproduce images with natural fluidity.



Note: Images are simulated.

#### **Delivers Stable Brightness for Up to 8 Years\***

VF2H/VF2

The VF2H, and VF2 Series incorporates Long Life mode and a new Auto Brightness Adjustment function. In Long Life mode, backlight brightness is optimized to extend product life. Auto Brightness Adjustment function corrects light output automatically according to the rate of backlight deterioration to maintain constant brightness for longer.

\* Figure is approximate when operating continuously for 24 hours x 365 days.



Note: hassaring dyseriang Continons to tra. Or 22 de liveriang the maximum specified backight brightness longewity and operating period. "On?" delivers approximately 60 % maximum specified backight brightness. Auto brightness adjustment cannot be turned on if panel fillumination period has exceeded 1,000 hours. Note: Images and graphs are simulated.

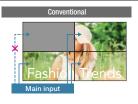
#### Failover and Failback Safeguards Maintain Image Display

VF2H/VF2 LFV

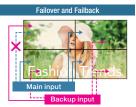
Digital signal inputs comprise one or two DVI-D terminals together with HDMI, DisplayPort, DIGITAL LINK\*, and USB terminals. If primary audio-video signals are interrupted, the display immediately switches to an alternative input. This makes the Panasonic LCD Video Wall Series well suited for use in control rooms and in other applications where uninterrupted playback is essential.

\* DIGITAL LINK available on VF2H, VF2 only. Display Port available on VF2H, VF2 only.

1.1.



If AV signals via the primary input is interrupted, images are no longer displayed.



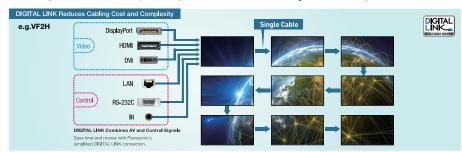
If the primary AV signal is interrupted, the system automatically switches to a backup input so video display is maintained

Note: Possible combinations of main/backup input signals are limited. For details, please visit the Panasonic website

#### **DIGITAL LINK Simplifies Installation at Lower Cost**

VF2H/VF2

Based on HDBaseT™ technology, the DIGITAL LINK connection on VF2H, VF2 Series displays supports audio, video, and control signal transmission over long distances, and can also be used to daisy-chain multiple displays via a single cable. This eliminates the need for video splitters and other routing devices. The LFV9 Series, meanwhile, supports daisy chain via DVI with separate video and control (serial or IR) connections. Note: CAT5e or higher STP cable required.



#### Installation Frame Simplifies Set-up

VF2H/VF2

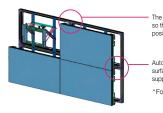


The optional Installation Mount makes it much easier to configure a video wall. There's no need for complicated display positioning, and fluctuations between installers are covered. It also saves time and cuts labor costs.

Video wall fluctuations occur when the bezels are not correctly aligned vertically and horizontally and the surfaces are not properly adjusted. Installation is quick and easy using the rigid frame, with easy adjustment using surface alignment magnets. This structure also makes the displays easier to remove when performing maintenance.

- \* The following is the maximum number of units when installing a multi-screen using the optional TY-VK55LV2 metal fittings.
- TH-55VF2H/VF2: 4 columns, 5 rows
- TH-55LFV9: 9 columns, 11 rows

\*Landscape setting only



The rigid frame is connected, so there is no need for positioning adjustment.

 Automatic adjustment by surface alignment magnets suppresses surface shifting.

\*For 55-inch TY-VK55LV2

# Video Wall Manager Software and Auto Display Adjustment Upgrade Kit



Panasonic's free Video Wall Manager software can be used with LCD Video Wall Series displays. With this software, you can calibrate display color using a color sensor\*1 (optional), adjust display settings, and control and manage data via PC. If you upgrade this software with an optional TY-VUK10 Auto Camera Adjustment Kit, you can adjust brightness and color among multiple displays automatically using a compatible camera (Nikon D5200/D5300/D5600)\*2.

- \*1 Applicable sensors: KONICA MINOLTA (CA-210, CA-310, CA-410 [Probe CA-VP427, CA-P410, CA-P427, CA-MP410 verified as of June 30, 2020]], Datacolor (Spyder4, Spyder5, SpyderX) X-Rite (1Pro2)
- \*2 Available only with normal zoom lens: AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR, AF-S DX NIKKOR 18-140 mm f/3.5-5.6G ED VR, AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR II

#### ■ With VF2H and TY-VUK10 connected



Auto Display Adjustment Upgrade Kit: https://panasonic.net/cns/prodisplays/products/ty-vuk10/

# **Presentation and Collaboration Solutions**

# **PressIT**

### Plug & Play Wireless Presentation System

Dongle based wireless presentation system for fast and simple screen sharing

#### Lineup











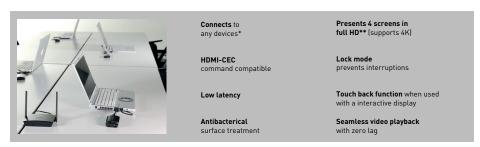
(Set-top-Box)

(Board)

3 Transmitter (HDMI/USB)

Transmitter 5 Case for Transmitter Transmitter

	Basi	c Set	Receiver (Board)	Transmitter	(HDMI/USB)	Transmitter (USB Type-C)				
Model	TY-WPS1	TY-WPSC1	TY-SB01WP	TY-WP2B1	TY-WPB1	TY-WP2BC1	TY-WPBC1			
Applicable product	Flat Panel Disp (Panasonic and		SQ1/H, SQE1 and EQ2 series		PC/Tablet/S	Smartphone				
What's included?	1 Receiver [Box] x1 3 Transmitter [HDMI-USB] x2 5 Case for Transmitter x1	1 Receiver [Box] x1 4 Transmitter [USB Type-C] x2 5 Case for Transmitter x1	2 Receiver (Intel® SDM specification) x1	3 Transmitter (HDMI-USB) x2 5 Case for Transmitter x1	3 Transmitter (HDMI-USB) x1	4 Transmitter (USB Type-C) x2 5 Case for Transmitter x1	4 Transmitter (USB Type-C) x1			



<sup>\*</sup> Easy screen sharing with a dedicated app (IOS and Android)
\*\* up to 32 transmitters at once



### Fully Integrated Wireless Presentation System

No cables, no dongles, no set-top boxes. All you have to do is present.





Flexible BYOD for SQE1, SQ1/H and EQ2 Series: Supports Airplay, Miracast, Chromecast



**Touch back function:** you can control your PC directly from the interactive display



**4K UHD output resolution:** up to 4 windows on-screen



Advanced administration: Can be managed and updated remotely using browser-based administration tools.



**100% data encryption:** Stable and secure system based on Linux Operating System



HTML-5 page: as a screensaver for on-screen display of images, videos or as digital signage player.

### Panasonic Software Line-up

In order to maximize the use of professional displays,

Panasonic offers a variety of software and applications (some free of charge, and others for a fee).

#### Content Management Software Windows



Content Management Software makes it possible to create scheduling data and media playlist on a PC and save it to one or more USB memory. Insert the media into Space Players to execute the schedule. The software reduces complexity for temporary installations or where the device is frequently moved from place to place.



USB memory

Compatible Display: SQ1H Series, SQ1 Series

https://panasonic.net/cns/prodisplays/download/software/

#### **Auto Display Adjustment Upgrade Kit (TY-VUK10)**

Panasonic's free Video Wall Manager software can be used with LCD Video Wall Series displays. With this software, you can calibrate display color using a color sensor, adjust display settings, and control and manage data via PC. If software is upgraded with an optional TY-VUK10 Auto Display Adjustment Upgrade Kit, brightness and color among multiple displays can be automatically calibrated using a compatible camera (Nikon D5200/D5300/D5500/D5600)\*.

\* Available only with normal zoom lens: AF-S DX NIKKOR 18-55 mm f/3,5-5,6G VR. AF-S DX NIKKOR 18-140 mm f/3.5-5.6G ED VR. AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR II



to execute schedule



For more information, please visit the PASS: https://panasonic.net/cns/prodisplays/pass/

#### **Screen Transfer**

Screen Transfer is a software that allows a computer screen to be displayed onto one or more displays of devices that are connected by wired LAN. See the User's Manual for the operating method.

\* Video distribution can be with existing IP network infrastructure



Version	Ver. 2.0	Ver. 1.0
Number of device connections	Max. 64 units	Max. 8 units
Bandwidth	Approx. 10 Mbps (regardless of the number of connected devices)	Approx. 80 Mbps (when 8 devices are connected)
Auto reconnection	Yes	-
Delivery status check	Yes	-

Compatible Display: SQ1H Series, SQ1 Series

https://panasonic.net/cns/prodisplays/download/software/scr transfer/

\* The number of connections and functions may vary depending on the model. Please refer to the web for details.

#### Mobile App (iOS/Android)

#### **Wireless Projector**

This is an application that lets you send displayed screenshot, document files (PDF, PowerPoint, Excel, Word), and JPEG/PNG images saved to Android devices (tablets and smartphones) to a Panasonic wireless display over a wireless LAN (Wi-Fi), and display them. The application also lets you rotate the screen, enlarge or reduce the screen with a pinch operation, and flip through pages with a flick operation.



- - Dedicated wireless apps for iOS and Android™
  - Fewer steps to connect
  - · Wide media compatibility and functionality

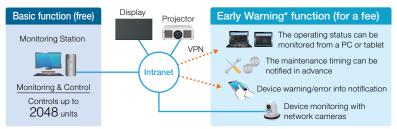
For more information, please visit the Website: https://panasonic.net/cns/prodisplays/download/software/#wireless

# Software & App

#### Multi Monitoring & Control Software Windows



This free Panasonic software offers monitoring and control of up to 2.048 projectors and professional displays over a LAN network from a single PC to simplify management and maintenance while supporting stable operation. If you also purchase Early Warning Software (ET-SWA100), it will monitor the status of projectors and displays on the intranet and inform you of errors when it detects signs of trouble. This contributes to a lighter maintenance load and reduces costs.



- Software function support varies by model
- \* Multi Monitoring & Control Software Ver. 2.0 or higher is required to use the Early Warning function.

#### **Features**

#### Map Display

Image files, such as floor plans, can be loaded, and the icon for each device can be positioned by 'Drag & Drop'.



#### Auto Search of the Devices to Be Registered

You can select the devices to be registered from devices automatically searched on the network.\*1

#### Other Features

- Monitoring of the status of each device 2
- Execution of control commands
- Scheduling function
- Delivery of the contents list"3

#### Early Warning Function (ET-SWA100)

#### Maintenance Scheduling Suggestion'3

It is easier to plan for maintenance by predicting the approximate time for maintenance and service based on the usage monitoring.

#### Video Stop Detection Using a Network Camera

Images of registered projectors or displays can be monitored regularly by a supported network camera<sup>\*4</sup>.

You can also receive a notification when an abnormality such as a blackout or an image freeze happens.

#### If you install 'Multi Monitoring & Control Software.' a free 90-day trial is automatically available.



Captured image when an abnormality happens is stored

- \*1: Some devices can't be registered using the auto search function depending on the device status and network environment.
- \*2: Software functionality varies depending on the model. \*3: Function for supported projectors and professional displays only.
- \*4: Panasonic Network camera (BB-S/DG-S/WV-S series), Panasonic PTZ camera (AW-UE70/HE40/HE130 series).

For more information about compatible displays, please visit the Website:

https://panasonic.net/cns/prodisplays/download/software/multi/dl\_files/DeviceList-Multi\_EN.pdf

Early Warning function License \* If you install "Multi Monitoring Control Software", a free 90 day trial.

For more information, please visit the PASS; https://panasonic.net/cns/prodisplays/pass

#### SDM Accessories

#### Supports the Next-Generation Intel® SDM Specification Slot Standard

The SQ1H/SQ1/SQE1/EQ2 Series is equipped with the new Intel® SDM specification slot standard that supports 4K signals. With this expansion slot, it is possible to tailor the display and its connectivity to the application. You can easily integrate a built-in PC and add various interfaces.



#### Wolfvision Cynap Pure -integrated Wireless Presentation System

#### No Cable. No Dongle. No Set-Top Box. Just Present.

Panasonic fully integrates WolfVision's Cynap Pure powerful BYOD wireless presentation solution into its SQ1H/SQ1/SQE1/EQ2 displays using the Intel® Smart Display Module slot. The unified collaboration system is the perfect, integrated solution for meeting rooms, classrooms and huddle spaces with a discrete design, no cabling and no need for additional applications, software and driver downloads or dongles and set-top boxes. Installation inside the screen is straightforward, and units can be managed and updated remotely using browser-based administration tools.







#### **Key Features**

- Screen Mirroring using Miracast technology. Supports iOS, iPadOS, Android, Windows, Chrome OS, macOS
- 4K output resolution
- Up to 4 window on-screen display

- Touch back support, enables remote control of laptops while working at a shared multi-touch screen.
- Also compatible with the Panasonic interactive touchscreen SQE1-IR/IG and SQ1-IG versions of the display range for easy control by touch and for on-screen annotations

#### Panasonic Wireless Presentation System

#### Efficient Meeting Room Collaboration

The System allows up to easily switch between up to four presenters to display visual and audio content on their Panasonic displays or projectors - removing the need for cables. Users simply connect the transmitter to any device and press the button to share content on the display or through a projector. It is also possible to share from mobile devices with an app. Two types of receivers are possible: The SDM receiver is designed to perfectly fit inside the Intel® SDM expansion slot of the Panasonic SQ1H/SQ1/SQE1/EQ2 displays. For Panasonic displays and projectors without an SDM slot for the receiver, a set-top box version of the system can be connected to the device by cable.



Receiver TY-SB01WP







#### **Key Features**

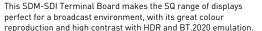
- Two versions: basic with the set-top-box or cable-less with the SDM-S board receiver.
- Plug and Play: no dedicated software installation is necessary for the PC
- Audio and FHD Video over Wireless transmission, IEEE802.11ac compliant



#### 3G SDI and 12G SDI - SDM Boards

#### **Perfect for Broadcasting Environment**

Just by plugging the SDI terminal board into its Intel® SDM slot you can directly connect the SQ1, SQ1-IG and EQ2 series displays to a Pro AV source, saving the need for optional equipment like converters that normally bring latency into the production chain. You can transmit uncompressed, unencrypted digital video signals over up to 100m with a single BNC cable, in environments where cabling could be unplugged or tripped over.

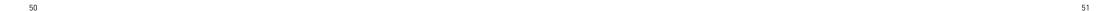




#### **Key Features**

- TY-SB01SS- compatible with 3G-SDI, HD-SDI, SD-SDI audio and video formats
- TY-SB01QS- compatible with 3G-SDI. 12G SDI. HD-SDI audio and video formats
- To be plugged inside professional displays with Intel SDM slot
- Maximum Transmission distance 100m with BNC cable









53

		High Br	ightness									Standa	ard										
Optional Access	sories	ТН-86SQ1H	TH-75SQ1H	TH-98SQ1	TH-86SQ1/IG	TH-75SQ1/IG	TH-65SQ1/IG	TH-55SQ1/IG		TH-49SQ1	TH-98SQE1	TH-86SQE1/ IG/IR	TH-75SQE1/ IG/IR	TH-65SQE1/ IG/IR	TH-55SQE1/ IG/IR	TH-49SQE1	TH-43SQE1	TH-86EQ2	TH-75EQ2	TH-65EQ2	TH-55EQ2	TH-50EQ2	TH-43EQ2
Screen Size (inch)		86	75	98	86	75	65	55		49	98	86	75	65	55	49	43	86	75	65	55	50	43
FUNCTION BOARD									<u> </u>														
12G-SDI Terminal Board	TY-SB01QS	Yes*1	Yes*1	Yes*2	Yes*2	Yes*2	Yes*2	Yes*2		Yes*2	Yes*3	Yes*3	Yes*3	Yes*3	Yes*3	Yes*3	Yes*3	Yes	Yes	Yes	Yes	Yes	Yes
3G-SDI Terminal Board	TY-SB01SS	Yes*5	Yes*5	Yes*5	Yes*5	Yes*5	Yes*5	Yes*5		Yes*5	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Wireless Presentation System Receiver Board	TY-SB01WP	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MOUNTING OPTIONS			:		:	:	: :		:	:							:						
Pedestal	TY-ST75PE9	-	-	-	-	Yes	-	-		-	-	-	-	-	-	-	-	-	Yes	Yes	-	-	-
	TY-ST55PE9	-	-	-	-	-	Yes	Yes		-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
	TY-ST43PE9	-	-	-	-	-	-	-		Yes	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes
	TY-ST43PE8	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TY-ST32PE1	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall-hanging Bracket	TY-WK98PV1	Yes	Yes	Yes	Yes	Yes	Yes	-		-	-	-	-	-	-	-	-	Yes	Yes	Yes	-	- 1	-
Installation Mount (Landscape setting only)	TY-VK55LV2	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pitch for Wall Hanging	800 x 500 (M8)	-	-	Yes	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
(VESA compliant models)*6	800 x 400 (M8)	-	-	-	-	-	-	-		-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
	600 x 500 (M8)	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	600 x 400 (M8)	Yes	Yes	-	Yes	-	-	-		-	-	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-
	600 x 400 (M6)	-	-	-	-	Yes	-	-		-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	400 x 400 (M8)	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	400 x 400 (M6)	-	-	-	-	-	Yes	Yes		Yes	-	-	-	Yes	-	-	-	-	-	-	Yes	Yes	-
	400 x 200 (M6)	-	-	-	-	-	-	-		-	-	-	-	-	Yes	-	-	-	-	-	-	-	-
	200 x 200 (M6)	-	-	-	-	-	-	-		-	-	-	-	-	-	Yes	Yes	-	-	-	-	-	Yes
	100 x 100 (M4)	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHERS									:														
DIGITAL LINK Switcher	ET-YFB200G	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
Digital Interface Box	ET-YFB100G	-	-	Yes	Yes	Yes	Yes	Yes		Yes	-	- 1	-	-	-	-	-	-	-	-	-	-	-

The specification has a case to change without notice.

For information that is not included on this page, please visit the following website: https://panasonic.net/cns/prodisplays/index.html

<sup>1:</sup> This terminal board is supported only when the main software version of the display is 1.20 or later and the sub software version of the display is 01.10 or later. Please contact your sales representative with regard to details.

<sup>2:</sup> This terminal board is supported only when the main software version of the display is 4.50 or later and the sub software version of the display

is 04.50 or later. Please contact your sales representative with regard to details.

<sup>3:</sup> Some functions are not supported.

<sup>4:</sup> This terminal board is supported only when the main software version of the display is 2.30 or later and the sub software version of the display is 02.20 or later. Please contact your sales representative with regard to details.

<sup>5:</sup> This terminal board is supported only when the main software version of the display is 3.5000 or later and the sub software version of the display

is 03.50 or later. Please contact your sales representative with regard to details.

<sup>6:</sup> Please use VESA Standard compliant metal fittings when attaching the display on a stand or wall.

		Entry									deo Wa	all
Optional Accessories		TH-98CQE1	TH-86CQE1/IR	TH-75CQE1/IR	TH-65CQE1/IR	TH-55CQE1/IR	TH-49CQE1		TH-43CQE1	TH-55VF2H	TH-55VF2	TH-55LFV9
Screen Size (inch)		98	86	75	65	55	49		43	55	55	55
FUNCTION BOARD												
12G-SDI Terminal Board	TY-SB01QS	-	-	-	-	-	-		-	-	-	-
3G-SDI Terminal Board	TY-SB01SS	-	-	-	-	-	-		-	-	-	-
Wireless Presentation	TY-SB01WP		_	_	_	_	-		_	_	_	_
System Receiver Board	11-SBUIWP					-			-		-	-
MOUNTING OPTIONS												
Pedestal	TY-ST75PE9	-	-	-	-	-	-		-	-	-	-
	TY-ST55PE9	-	-	-	-	-	-		-	-	-	-
	TY-ST43PE9	-	-	-	-	-	-		-	-	-	-
	TY-ST43PE8	-	-	-	-	-	-		-	-	-	-
	TY-ST32PE1	-	-	-	-	-	-		-	-	-	-
Wall-hanging Bracket	TY-WK98PV1	-	-	-	-	-	-		-	-	-	-
Installation Mount (Landscape setting only)	TY-VK55LV2	-	-	-	-	-	-		-	Yes	Yes	Yes
Pitch for Wall Hanging	800 x 500 (M8)	-	-	-	-	-	-		-	-	-	-
(VESA compliant models)*6	800 x 400 (M8)	-	Yes	-	-	-	-		-	-	-	-
	600 x 500 (M8)	-	-	-	-	-	-		-	-	-	-
	600 x 400 (M8)	-	-	Yes	Yes	-	-		-	-	-	-
	600 x 400 (M6)	-	-			-	-		-		-	-
	400 x 400 (M8)	-	-	-	-	- Yes	-		-	- Yes	- Yes	- Yes
	400 x 400 (M6)	-	-	-	-		-		-	res	res	
	400 x 200 (M6)	-	-	-	-	-	Yes		- Yes	-	-	-
	200 x 200 (M6)	_	-	-	-				res	-	-	-
OTHERS	100 x 100 (M4)	_	-	-	-	-	-		-	-	-	-
DIGITAL LINK Switcher	ET-YFB200G			-	-	-	-		-	Yes	Yes	Yes
	ET-YFB200G ET-YFB100G					-			-	Yes	Yes	Yes
Digital Interface Box	EI-TEBIUUG	_				-	-		-	res	res	res

The specification has a case to change without notice.

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<sup>3:</sup> Some functions are not supported.

d. Some transaction and supported only when the main software version of the display is 2.30 or later and the sub software version of the display is 02.20 or later. Please contact your sales representative with regard to details.

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is 03.50 or later. Please contact your sales representative with regard to details.

<sup>6:</sup> Please use VESA Standard compliant metal fittings when attaching the display on a stand or wall.

	High Br	ightness								Standa	ard										
<b>F</b> eatures	ТН-86SQ1H	TH-75SQ1H	TH-98SQ1	TH-86SQ1/IG	TH-75SQ1/IG	TH-65SQ1/IG	TH-55SQ1/IG	TH-49SQ1	TH-98SQE1	TH-86SQE1/	TH-75SQE1/ IG/IR	TH-65SQE1/ IG/IR	TH-55SQE1/ IG/IR	TH-49SQE1	TH-43SQE1	TH-86EQ2	TH-75EQ2	TH-65EQ2	TH-55EQ2	TH-50EQ2	TH-43EQ2
Size (inch)	86	75	98	86	75	65	55	49	98	86	75	65	55	49	43	86	75	65	55	50	43
O DIGITAL LINK	Yes*1	Yes*1	Yes*1	Yes*1	Yes*1	Yes*1	Yes*1	Yes*1		-	-	-	-	-	-	-	-	-	-	-	-
Function Slot	Intel®	SDM	165	162	Intel® SDN		162	Intel® SDN	· ·	- 1		Intel® SDN	- :	-	-	-		Intel®		- :	
Operating Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	18	18	18	18	18	18
Protective Glass	-	-	-	Only SQ1-IG		24	-			Only SQE1-IG and SQE1-IR	Only SQE1-IG and SQE1-IR	Only SQE1-IG and SQE1-IR	Only SQE1-IG and SQE1-IR	-	-	-	-	-	-	-	-
Touch Operation		_	_	1	Only SQ1-IG	Only SQ1-IG				Only SQE1-IG and SQE1-IR	Only SQE1-IR and SQE1-IR	and SQE1-IR Only SQE1-IG and SQE1-IR	Only SQE1-IG and SQE1-IR			-		-	-	_	-
Wireless Function			_	-	only out 10	only out to	omy out 10		Yes		Yes	Yes	Yes	Yes	Yes	-	-		-	_	_
Color Management	12-	-axis		:	12-axis	:	:	12-axis			-	-	-	-	-		1	6-a	xis	:	
Color Enhancement	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	_	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Dynamic Backlight	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Dynamic Contrast	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	- 1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Frame Creation	Yes	-	Yes	Yes	Yes	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
Gradation Smoother	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	_	_	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
E Local Dimming	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	-	-	-	-
Refine Enhancer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Failover/Failback	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Input Search (No Signal Auto Switch Setting/Input Signal Search)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio Input Select (Switching)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-		-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Cisco Webex Certified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAN Control (Network Control)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Memory Viewer/Auto Play	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes*6	Yes*6	Yes*6	Yes*6	Yes*6	Yes	Yes	Yes	Yes	Yes	Yes
PJLink <sup>TM</sup> Protocol	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Management Mode/Eco Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote ID Control (Function)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Serial ID Control (Function)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USB Media Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Web Browser Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Auto Setup	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built-in Whiteboard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Conference Audio Mode	Yes	Yes	Yes*8	Yes*8	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Data Cloning	USB	B/LAN			USB/LAN			USB/LAN	N			USB			:			USB/	LAN		
HDMI CEC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi Input Display*9	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
No Activity Power Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Off Timer Setting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power on Screen Delay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Set up Timer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Startup Image Settings/No signal image settings	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Daisy Chain Connection*10	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-		-	-	-	-	-			Yes IF	only		
Fan-less Design	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi Screen (Multi Display Setting)*11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Portrait	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Portrait Zoom Mode	Yes	Yes	Yes*8	Yes*8	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes*5	Yes*5	Yes*5	Yes*5	Yes*5	Yes*5
USB Memory Network Setting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Content Management Software (free)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Screen Transfer (free)	Yes*12	Yes*12	Yes*13	Yes*13	Yes*13	Yes*13	Yes*13	Yes*13	-	-	-	-	-	-	-	Yes*14	Yes*14	Yes*14	Yes*14	Yes*14	Yes*14
Multi Monitoring & Control Software Compatible (free)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	- 1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Early Warning Software Compatible (ET-SWA100 Series)*16	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	s Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video Wall Manager (free)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Auto Display Adjustment Upgrade Kit (TY-VUK10)	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>\*1:</sup> Long Reach Mode compatible. "2: Multi Dynamic Backlight. "3: Local Dimming on LFV9 Series is always set. "4: Backup input only '5: This function is compatible with the Software Main Version 2.2000 or later. Please contact your sales representative with regard to details. '6: The playable application format, GUI, and operation procedure for the SQE1, CQE1 Series' Media Player function areas different from of other models. "7: Some files cannot be played back even if they are in the supported format. Regarding restrictions, see the operating instructions. 8: These functions on the 98/86-inch models are compatible with the Software Main Version 3.0000 or later. Please contact your sales representative with regard to details. 9: The number of units that can be set as a group varies depending on the model. For details, see the operating instructions of each model.

<sup>10:</sup> Some models only support IR connection. 11: There are restrictions on the input signal and 4-Input Multi Display function. 3G-SDI input and 4K images are not supported by the 4-Input Multi Display function. For details, see the operating instructions of each model. 13: The Software Main Version 4.40 or later is required. 14: The Software Main Version 2.70 or later is required. 15: The Software Main Version 2.70 or later is required. 15: The Software Main Version 2.70 or later is required. 16: The part number suffix may differ on the license type. Multi Monitoring & Control Software Ver.2.0 or later is required.

						En	try		Vi	ideo Wa	all
	Features	TH-98CQE1	TH-86CQE1/IR	TH-75CQE1/IR	TH-65CQE1/IR	TH-55CQE1/IR	TH-49CQE1	TH-43CQE1	TH-55VF2H	TH-55VF2	TH-55LFV9
Siz	e (inch)	98	86	75				43			55
S	DIGITAL LINK	-	-	-	-	-	-	-	Yes	Yes	-
NO.	Function Slot	-	-	-	-	-	-	-	-	-	-
FICATIONS	Operating Time	24	16	16	16	16	16	16	24	24	24
뜶	Protective Glass	-	Only CQE1-IR	Only CQE1-IR	Only CQE1-IR	Only CQE1-IR	-	-	-	-	-
SPECI	Touch Operation	-	Only CQE1-IR	Only CQE1-IR	Only CQE1-IR	Only CQE1-IR	-	-	-	-	-
S	Wireless Function	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-
	Color Management	-	-	-	-	-	-	-	-	-	-
	Color Enhancement	-	-	-	-	-	-	-	Yes	Yes	Yes
٩L	Dynamic Backlight	-	-	-	-	-	-	-	Yes*2	Yes*2	-
QUALITY	Dynamic Contrast	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ш	Frame Creation	-	-	-	-	-	-	-	-	-	-
IMAGE	Gradation Smoother	-	-	-	-	-	-	-	-	-	-
≥	Local Dimming	-	-	-	-	-	-	-	Yes	Yes	Yes*3
	Refine Enhancer	-	-	-	-	-	-	-	Yes	Yes	-
RELIMBILITY	Failover/Failback	-	-	-	-	-	-	-	Yes	Yes	Yes
RELA	Input Search (No Signal Auto Switch Setting/Input Signal Search)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Audio Input Select (Switching)	-	-	-	-	-	-	-	Yes	Yes	-
	Cisco Webex Certified	-	-	-	-	-	-	-	-	-	-
EXPANDABILITY	LAN Control (Network Control)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
₽	Memory Viewer/Auto Play	Yes*6	Yes*6	Yes*6	Yes*6	Yes*6	Yes*6	Yes*6	-	-	-
AB	PJLink™ Protocol	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	Power Management Mode/Eco Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PA	Remote ID Control (Function)	-	-	-	-	-	-	-	Yes	Yes	-
EX	Serial ID Control (Function)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	USB Media Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
	Web Browser Control	-	-	-	-	-	-	-	Yes	Yes	Yes
	Auto Setup	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
	Built-in Whiteboard	-	-	-	-	-	-	-	-	-	-
	Conference Audio Mode	-	-	-	-	-	-	-	-	-	-
SE	Data Cloning			US	SB			USB	USB/LAN	USB/LAN	-
CONVENIENCE	HDMI CEC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-
Z	Multi Input Display9	-	-	-	-	-	-	-	-	-	-
$\geq$	No Activity Power Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
l S	Off Timer Setting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Power on Screen Delay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Set up Timer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
	Startup Image Settings/No signal image settings	-	-	-	-	-	-	-	Yes	Yes	-
	Daisy Chain Connection*10	-	-	-	-	-	-	 -	Yes	Yes	Yes
NO.	Fan-less Design	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
NSTALLATION	Multi Screen (Multi Display Setting)*11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALI	Portrait	-	-	-	-	-	-	-	Yes	Yes	Yes
IST	Portrait Zoom Mode	-	-	-	-	-	-	-	-	-	-
	USB Memory Network Setting	-	-	-	-	-	-	-	Yes	Yes	-
	Content Management Software (free)	-	-	-	-	-	-	-	-	-	-
띪	Screen Transfer (free)	-	-	-	-	-	-	-	-	-	-
WARE	Multi Monitoring & Control Software Compatible (free)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SOFT	Early Warning Software Compatible (ET-SWA100 Series)*16	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SC	Video Wall Manager (free)	-	-	-	-	-	-	-	Yes	Yes	Yes
	Auto Display Adjustment Upgrade Kit (TY-VUK10)	-	-	-	-	-	-	-	Yes	Yes	Yes

<sup>\*1:</sup> Long Reach Mode compatible. \*2: Multi Dynamic Backlight. \*3: Local Dimming on LFV9 Series is always set. \*4: Backup input only \*5: This function is compatible with the Software Main Version 2.2000 or later. Please contact your sales representative with regard to details. \*6: The playable application format, GUI, and operation procedure for the SQE1, CQE1 Series' Media Player function areas different from of other models. \*7: Some files cannot be played back even if they are in the supported format. Regarding restrictions, see the operating instructions. 8: These functions on the 98/86-inch models are compatible with the Software Main Version 3.0000 or later. Please contact your sales representative with regard to details. 9: The number of units that can be set as a group varies depending on the model. For details, see the operating instructions of each model. 10: Some models only support IR connection. 11: There are restrictions on the input signal and 4-Input Multi Display function. 3G-SDI input and 4K images are not supported by the 4-Input Multi Display function. For details, see the operating instructions of each model. 13: The Software Main Version 4.40 or later is required. 14: The Software Main Version 2.70 or later is required. 15: The Software Main Version 2.70 or later is required. 16: The part number suffix may differ on the license type. Multi Monitoring & Control Software Ver.2.0 or later is required.

Note: The specifications may vary depending on the model, even for the same function. For details, see the operating instructions of each model.

### **Panasonic CONNECT**

Weights and dimensions shown are approximate. Depending on the temperature or humidity conditions, uneven brightness may be observed. This is not a malfunction. This unevenness will disappear while applying current continuously. If not, consult the distributor. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. Windows, and PowerPoint are trademarks of Microsoft Corporation in the United States and other countries. Android is a registered trademark or trademark of Google Inc. Macintosh, Mac. Mac OS X, iPad, iPhone, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. Intel® is registered trademark or trademark of Intel Corporation, registered in the U.S. and other countries and regions or registered trademarks. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Crestron Connected™ is a trademark of Crestron Electronics, Inc. Miracast are trademarks or registered trademarks of Wi-Fi Alliance. HDBaseT is a trademark of the HDBaseT Alliance. OpenPort PLATFORM is trademark of Panasonic Corporation. All other trademarks are the property of their respective trademark owners. Images on screen are simulated. © 2021 Panasonic Corporation. All rights reserved.



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