Panasonic
BUSINESS

INGLASS MULTI-TOUCH PROFESSIONAL DISPLAYS

Unparalleled touch accuracy with stunning 4K image quality

EQ1-IG Series

SQ1-IG Series

Engaging Interactive Multi-Touch Displays
for high efficient Team work

InGlass™ - the ultimate in creative and collaborative presentations
• Ultra-precise pen writing accuracy and a no-lag touch
• One of the most natural writing experiences available, with
paper-like touch and drawing feel on the anti-glare surface.
• Differentiates between finger, pen, and hand eraser.
• Interesting alternative to Infrared with more touch points, pinching,
stronger resistance to ambient light, better image quality and durability.

High precision and reliability for collaboration
• 4k ultra HD resolution delivering the highest detail and image quality.
• The distance between the LCD panel and inner part of the glass is very small,
resulting on an unmatched accuracy of touch with a tolerance below 1mm.
• 20 simultaneous touchpoints increases usability and participant involvement.
• The 3mm-thick premium glass is thick enough to withstand pressure
of hands and palms leaning on screen, yet offers a very soft surface for writing.

Advanced features and extensive connectivity
• These multi-touch displays includes a wide range of flexible functions
and extended connectivity from the main EQ1 and SQ1 series.
SQ1-IG 4K resolution, 500 cd/m², 24/7 operation, in large formats 86″, 75″, 65″, 55″.
including an Intel® (Smart Display Module) SDM to easily integrate a slot-in computer.
EQ1-IG 4K resolution, 350 cd/m², 16/7 or 24/7 operation, in large formats 86″, 75″, 65″,
55″. Comprehensive USB and video connectivity to connect devices to run collaboration
software.
• Free Panasonic Whiteboard Software for Windows or Mac, including a whiteboard
mode, PowerPoint presentation mode - as well as Video and Screen Capture functions.
• Panasonic recommends the Flatfrog Whiteboard application for the most precise
writing experience

Perfect Clarity

Multi User

Inking Pressure

Pen & Touch
Differention

Hand Erase

Scalable

Precision Pen

With the combination of better image quality, robust build – and resistance to ambient
light – there are now fewer barriers than ever to true creative interaction.

Best touch features for collaboration:
annotations, accuracy, immediacy, flat design

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

Panasonic
BUSINESS

EQ1-IG Series

Seamless integration in any modern cooperative and education environment

	Model no.	TH-86EQ1-IG	TH-75EQ1-IG	TH-65EQ1-IG	TH-55EQ1-IG
DISPLAY PANEL	Screen Size /Aspect Ratio	86-inch (2174 mm)	75-inch (1893 mm)	65-inch (1639 mm)	55-inch (1388 mm)
	Panel Type	IPS/Edge LED		VA panel / D-LED	
	Effective Display Area (W x H)	1895 × 1065 mm (74.6" x 41.9")	1649 x 927 mm (64.9" x 36.5")	1428 x 803 mm (56.2" x 31.6")	1209 x 680 mm (47.6" x 26.7")
	Resolution (H x V)	3840 x 2160			
	Brightness (Typ)	350 cd/m²			
	Contrast Ratio	1200:1	1200:1	4000:1(Typ)	
	Response Time	8.0 ms (Typ) (G to G)			
	Viewing Angle	178°/178° (CR≥10)			
	Panel Surface Treatment	AG Coating Chemical Strengthened Glass with the level of haze 5%±3%			
TOUCH	Detection Method	InGlass™ Touch Detection of human finger, passive and active stylus			
	Touch Operation	Real multi-touch up to 20 touches			
	Touch Method	Finger; Gloves; Stylus (≥ 2 mm)			
	Response Time [ms]	≤ 15			
	OS	Windows (7/8.1/10), Mac (OS X10.10/10.11, macOS Sierra), Linux, Android			
TERMINAL	VIDEO In	4-pole Mini Jack (M3) x 1			
	Audio In(L/R)	Stereo Mini Jack(M3) x 1			
	HDMI In	HDMI Type A Connector x 2 (HDCP 2.2)			
	Component/RGB In	-			
	Audio In (L/R)	Stereo Mini Jack (M3) x 1			
	DVI-D In	DVI-D 24-pin x 1, DVI Revision 1.0 Compatible (HDCP 1.1 supported)			
	Audio In (L/R)	Stereo Mini Jack (M3) x 1 (Shared with DVI-D IN and PC IN)			
	PC In	Mini D-Sub 15-pin x1 (Female) (Compatible with DDC 2B)			
	Audio In (L/R)	Stereo Mini Jack (M3) x 1			
	PC Out	-			
	USB	USB Type A Connector x 1, DC 5 V/2 A (USB 3.0 supported.)			
	USB for PC Connection	Direct Cable USB TYPE A Connector (male) x 1 (For Touch Panel) DC 5 V/500 mA			
	Serial In	D-sub 9pin x 1, RS-232C Compatible			
	DIGITAL LINK	-			
	LAN	RJ45 x 1, 10BASE-T / 100BASE-TX, 1000BASE-T Compatible with PJLink™			
	Function Slot	-			
GENERAL	Power Requirements	220-240 V AC, 50 Hz/60 Hz			
	On-mode Average Power Consumption	231 W	195 W	163 W	141 W
	Power off Condition	Approx. 0.3 W			
	Stand-by Condition	Approx. 0.5 W			
	Dimensions (W x H x D)	1967 × 1138 × 86 mm	1720 × 999 × 73 mm	1498 × 875 × 82 mm	1280 × 753 × 62 mm
	Carton Size	2224 x 1427 x 373 mm	1832 x 1283 x 280 mm	1655 x 1078 x 280 mm	1365 x 864 x 185 mm
	Weight	Approx. 96 kg	Approx. 79 kg	Approx. 44 kg	Approx. 30 kg
	Gross Weight	Approx. 119kg	Approx. 94 kg	Approx. 55 kg	Approx. 37 kg
	Pitch for Wall-Hanging	VESA Compliant 600 x 400 mm		VESA 400 x 400 mm	VESA 400 x 200 mm
	Protective Glass Thickness	3mm			
	Bezel Width	T-L-R: 19.1mm			
	Built-in Speaker	20 W [10 W + 10 W]			
	Orientation	Landscape / Portrait			
	Tilting Angle	0-20 degrees forward with landscape*			
	Operating Environment	Temperature: 0° to 40°C (for up to 1400 m altitude) Humidity: 20% to 80% (No condensation) Altitude: 0 to 2800 m			
	Storage Environment	Temperature: -20°C to 60°C Humidity: 20% to 80% (No condensation)			
	Operating Time*3	24 h/day	24 h/day	18 h/day	
OPTIONS	Pedestal	TY-ST75PE9	TY-ST75PE9	TY-ST55PE9	TY-ST43PE8
	Multi Monitoring & Control Software	Ver. 2.1 Windows only			
	Early Warning Software	ET-SWA100 Series			
	Whiteboard Software*4	Downloadable for free			

SQ1-IG Series

ADVANCED CONNECTIVITY AND COLLABORATION FEATURES

Basic Specifications

	TH-86SQ1-IG	TH-75SQ1-IG	TH-65SQ1-IG	TH-55SQ1-IG
Model no.				

DISPLAY PANEL

	TH-86SQ1-IG	TH-75SQ1-IG	TH-65SQ1-IG	TH-55SQ1-IG
Screen Size /Aspect Ratio	86-inch (2174 mm)	75-inch (1892 mm)	65-inch (1638 mm)	55-inch (1387 mm)
Panel Type	IPS / Edge-LED			
Effective Display Area (W x H)	1895 x 1065 mm (74.6" x 41.9")	1649 × 927 mm (64.9" x 36.5")	1428 x 803 mm (56.2" x 31.6")	1209 x 680 mm (47.6 x 26.7")
Resolution (H x V)	3840 x 2160			
Brightness (Typ)*	500 cd/m2			
Contrast Ratio	1200:1		1100:1	
Response Time	8.0 ms (Typ) (G to G)			
Viewing Angle	178°/178° (CR≥10)			
Panel Surface Treatment*	AG Coating Chemical Strengthened Glass with the level of haze 5%±3%			

TOUCH

	TH-86SQ1-IG	TH-75SQ1-IG	TH-65SQ1-IG	TH-55SQ1-IG
Detection Method	InGlass™ Touch Detection of human finger, passive and active stylus			
Touch Operation	Real multi-touch up to 20 touches			
Touch Method	Finger; Gloves; Stylus (≥ 2 mm)			
Response Time [ms]	≤ 15			
OS	Windows (7/8.1/10), Mac (OS X10.10/10.11, macOS Sierra), Linux, Android			

TERMINAL

	TH-86SQ1-IG	TH-75SQ1-IG	TH-65SQ1-IG	TH-55SQ1-IG
VIDEO In	-			
Audio In(L/R)	-			
HDMI In	HDMI Type A Connector x 2 (HDCP 2.2)			
Component/RGB In	-			
DisplayPort In	DisplayPort x 1 (HDCP2.2 supported)			
DisplayPort Out	DisplayPort x 1 (HDCP1.4 supported)			
DVI-D In/Audio In (L/R)	DVI-D 24-pin x 1/Stereo Mini Jack (M3) x 2 (Shared with PC In)			
PC In/Audio In (L/R)	Mini D-sub 15-pin x 1 (Female)/Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)			
Audio In (L/R)	Stereo Mini Jack (M3) x 1			
USB	USB Type A Connector x 1, DC 5 V/2 A (USB 3.0 supported.)			
USB for PC Connection	Direct Cable USB TYPE A Connector (male) x 1 (For Touch Panel) DC 5 V/500 mA			
Serial In	D-sub 9pin x 1, RS-232C Compatible			
DIGITAL LINK	RJ45 x 1, 100BASE-TX, Compatible with PJLink™ Long Reach Mode			
LAN	RJ45 x 1, 10BASE-T / 100BASE-TX, Compatible with PJLink™			
Function Slot	x1 (Intel® SDM specification SDM-S / SDM-L)			

GENERAL

	TH-86SQ1-IG	TH-75SQ1-IG	TH-65SQ1-IG	TH-55SQ1-IG
Power Requirements	110-127 / 220-240 V AC, 50/60 Hz			
On-mode Average Power Consumption	253	238	336	162
Power off Condition	Approx. 0.3 W			
Stand-by Condition	Approx. 0.5 W			
Dimensions (W x H x D)	1967 × 1138 × 86 mm	1720 × 999 × 73 mm	1498 × 875 × 82 mm	1280 × 753 × 62 mm
Carton Size	2224 x 1427 x 373 mm	1832 x 1283 x 280 mm	1655 x 1078 x 280 mm	1365 x 864 x 185 mm
Weight	Approx. 96kg	Approx. 79 kg	Approx. 53kg	Approx. 55kg
Gross Weight	Approx. 119kg	Approx. 94 kg	Approx. 64kg	Approx. 64kg
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")	
Protective Glass Thickness	3mm			
Bezel Width	T-L-R: 19.1mm			
Built-in Speaker	20 W [10 W + 10 W]			
Orientation	Landscape / Portrait			
Tilting Angle	0-20 degrees forward / backward *1		0-45 degrees forward / backward *1	
Operating Environment	Temperature: 0° to 40°C (for up to 1400 m altitude) Humidity: 20% to 80% (No condensation) Altitude: 0 to 2800 m			
Storage Environment	Temperature: -20°C to 60°C Humidity: 20% to 80% (No condensation)			
Operating Time*3	24 h/day			

OPTIONS

	TH-86SQ1-IG	TH-75SQ1-IG	TH-65SQ1-IG	TH-55SQ1-IG
Multi Monitoring & Control Software	Ver. 2.1 Windows only			
Early Warning Software	ET-SWA100 Series			
Whiteboard Software*4	Flatfrog Whiteboard Software Downloadable for free *3			

*1: 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/prodispays/downoad/software/