



**The CQE1-IR series is a powerful, cost-effective solution with infrared touch technology that offers 4K resolution, alongside reliable operation for up to 16 working hours. With up to 20 simultaneous touch points, it makes collaboration engaging and easy.**

## **TH-86CQE1-IR(Europe Only)**

Powerful multi-touch display with infrared technology and a 4K resolution (3840 x 2160). Up to 20 simultaneous touch points, as well as the distinction between finger, pen, and hand eraser, allow more than two people to work on the display at the same time, enhancing collaborative work. It is also equipped with four HDMI input terminals that support HDMI CEC. The CQE1-IR Series is a USB Type-C terminal equipped with a display that can be connected with a PC or tablet. Also compatible with Crestron Connected™. It enables a 16/7 operation without any concern. Ideal for everyday use in meeting rooms or education spaces.

### **Key Features**

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Display with mounted infrared multi-touch overlay. With up to 20 touch points for ease of use and high level of interaction

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Cost effective solution with excellent reliability

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86", 400 cd/m<sup>2</sup>, 16/7 operation and 4K high resolution

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Sleek and stylish design with narrow bezel and easy installation with built-in speakers and basic terminals

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Equipped with four HDMI input terminals that support HDMI CEC

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## TH-86CQE1- IR(Europe Only)

<https://eu.connect.panasonic.com/fi/en/products/professional-displays/th-86cqe1-ireurope-only>

<b>Panel Size</b>	86-inch (2174,2 mm)
<b>Panel Type</b>	E-LED
<b>Aspect Ratio</b>	16:09
<b>Effective Display Area (W x H)</b>	1895 x 1065,9 mm (74.6" x 41.96")
<b>Resolution (H x V)</b>	3840 x 2160
<b>Brightness (typ.)</b>	400 cd/m2
<b>Contrast Ratio</b>	1200:1
<b>Response Time</b>	8.0 ms (Typ) (G to G)
<b>Viewing Angle (Horizontal/Vertical)</b>	178°/178° (CR>10)
<b>Panel Surface Treatment</b>	Anti-glare acid etched glass with 3.5% haze
<b>Detection Method</b>	Infrared Blocking Detection Method
<b>Touch Operation</b>	Up to 20-point multi-touch
<b>Power Supply</b>	USB 5V / 300mA
<b>OS</b>	Win 7/8/10, Android, Linux
<b>Terminals   HDMI In</b>	HDMI Type A Connector x 4
<b>Terminals   PC In</b>	Mini D-sub 15-pin x 1 (Female)
<b>Terminals   Serial</b>	D-sub 9pin x 1 (Female), RS-232C Compatible
<b>Terminals   IR In</b>	Stereo Mini jack (M3) x 1
<b>Terminals   Audio In</b>	Pin Jack (L/R) x2
<b>Terminals   Audio Out</b>	Stereo Mini jack (M3) x 1, SPDIF x 1
<b>Terminals   USB</b>	USB Connector Type-A x2, Type-C x 1, (Internal) Type-A x 1
<b>Terminals   LAN</b>	RJ45 x 1
<b>Power Requirements</b>	110-127 V AC, 50/60 Hz, 220-240 V AC, 50/60 Hz
<b>Power Consumption</b>	max. 366 W
<b>Power Off Condition</b>	0 W
<b>Stand-by Condition</b>	Approx. 0.5 W
<b>Wi-Fi</b>	Dongle
<b>Dimensions (W x H x D)</b>	1962 x 1136 x 64,1 mm
<b>Carton Size (W x H x D) (mm)</b>	2.163 x 1.405 x 380 mm
<b>Weight</b>	96,7 kg
<b>Gross Weight</b>	119 kg
<b>Wall-Hanging Pitch</b>	VESA Compliant 600 x 400 mm (23.6" x 15.8" ), M8
<b>Protective Glass Thickness</b>	3mm
<b>Bezel Width</b>	40 mm
<b>Built-in Speaker</b>	24 W [12 W + 12 W]
<b>Orientation</b>	Landscape
<b>Tilting angle*1</b>	Landscape setting: 0-20 degrees forward
<b>Operating Environment</b>	Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altitude. Temperature 0 °C to 35 °C (32 °F to 95 °F) Altitude 1400-2800 m (4593 ft to 7874 ft)
<b>Operating time*2</b>	16 h/day
<b>Options</b>	SNMP Support: Ver. 3.0  Multi Monitoring & Control Software: Ver. 3.1 Windows only  Early Warning Software: ET-SWA100 Series  Whiteboard Software*3: Downloadable for free - for Windows

**Note**

\*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/prodisplays/download/software/whiteboard/>