



55-inch Class 4K entry-level display that flexibly matches corporate meeting rooms and educational use.

TH-55CQE2-IR

The Panasonic Connect TH-55CQE2-IR 4K Professional display is designed for 16-hours/day continuous operation and crystal-clear viewing clarity. The display provides a brightness of 400cd/m² with an anti-glare panel, and minimum haze treatment, reducing the reflection of ambient light and vastly improving visibility. For ultimate flexibility and a clean look without set-top-boxes or cables, the TH-55CQE2-IR is also equipped with a built-in TV tuner for access to broadcast, cable and subscription TV services, making them an ideal solution for corporate, education and even sports bar applications.

Key Features

Boost interactive collaboration

High visibility

System scalability



TH-55CQE2-IR

TH-55CQE2-IR 55-inch Class 4K UHD Entry-Level Display

Dive into the cutting-edge CQE2-IR series, featuring a powerful multi-touch display utilizing infrared technology and boasting an impressive 4K resolution (3840 x 2160). Elevate collaboration to new heights as this display accommodates more than two individuals simultaneously, fostering dynamic teamwork. With the convenience of Android™ OS, the CQE2-IR series allows seamless software installation for annotation, collaboration, or signage purposes. Effortlessly share content wirelessly via Wi-Fi from PCs or Android™ devices, ensuring a 16/7 operation worry-free. Tailored for everyday excellence, this display is an ideal choice for meeting rooms and educational environments, promising an immersive and engaging experience.

<https://eu.connect.panasonic.com/gb/en/products/professional-displays/th-55cqe2-ir>

Panel Panel size	55-inch class (54.63-inch/1387.8 mm)
Panel Effective display area (W x H)	1209.6 x 680.4 mm (47.62" x 26.78")
Panel Resolution	3840 x 2160
Panel Brightness (typ.)	500 cd/m2
Panel Contrast	1200:1
Panel Viewing angle [(T/B)/(L/R)]	178°/178° (CR>10)
Panel Panel surface treatment	Anti-glare acid etched glass with $\leq 5\% \pm 3$ haze
Detection Method	Infrared Blocking Detection Method
Touch Operation	Up to 40-point multi-touch
Touch Method	Support Pen, Finger, or any non-transparent object
Response Time (Single Touch)	6ms
Power Supply (Touch operation)	USB 4.75V-5.25V / ≤ 200 mA
OS	Windows 10, 8, 7, MAC OS, Android, Linux
Terminals HDMI™ IN	HDMI™ x 4 (compatible with HDCP2.2)
Terminals USB	Type A: DC 5 V/max. 0.9 A, USB 3.0 is supported, Type A: DC 5 V/max. 0.5 A, USB 2.0 is supported, Type A: DC 5 V/max. 0.5 A, USB 2.0 is supported (Internal), Type C: DC 5 V/max. 3.0 A, USB 3.0 is supported, DisplayPort Alternate mode compatible
Terminals microSD	microSD/SDHC/SDXC / MAX 1 TB
Terminals Serial In	Stereo mini jack (φ3.5 mm) x 1, RS-232C Compatible
Terminals LAN	RJ45 x 1, compatible with PLink™ 10BASE-T/100BASE-TX/1000BASE-T
Terminals IR In	Stereo mini jack (φ3.5 mm) x 1
Terminals Slot	No
Terminals Wi-Fi	Yes (Built-in)
Terminals Bluetooth®	Yes (Built-in)
Terminals Audio Out	Stereo mini jack (φ3.5 mm) x 1, SPDIF x 1
HTML browser	HTML5 (Vwed)
Android™-OS	Yes
Operating time*1	16 h/day
Orientation	Landscape/Portrait
Tilt angle*2	0-20 degrees forward with landscape setting
Built-in Speaker	20 W
Power Supply	AC 220-240 V
	50 Hz/60 Hz, 1.0 A
Power Consumption	110 W (Shipping Condition)
On Mode Average Power Consumption*3	110 W (Picture Mode: [Natural])
Power Off Condition	Approx. 0 W
Stand-by Conditions	Approx. 0.5 W
Dimension (WxHxD) (Excluding remote IR sensor)	1259.8 x 730.4 x 84.7 mm
Weight	29.1kg
Wall-Hanging Pitch	600 x 400 mm, M6
Operating Environment	Temperature: 0 °C 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)
Note	*1: 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. *2: Please contact your sales representative with regard to the tilt angle before installation. *3: Based on IEC 62087 Ed.2 measurement method.