



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

TH-55CQE2-IR

Introducing the TH-55CQE2-IR, a cutting-edge 4K interactive display featuring state-of-the-art infrared touch technology. Crafted for seamless 16-hour daily operation, this display ensures crystal-clear viewing clarity that captivates your audience. With a remarkable brightness of 500cd/m², the TH-55CQE2-IR delivers vibrant and vivid visuals that demand attention. Elevate collaboration with up to 40 multi-touch points, making group work effortlessly intuitive and dynamic. Revolutionize your workspace with the perfect blend of

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/cz/cs/products/professional-displays/th-55cqe2-ir>

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|---|---|
| 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 | 29.1 kg |
| 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. |