

CQE2-IR Series

Multi-Touch Screen

NEW



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Model no.		TH-86CQE2-IR	TH-75CQE2-IR	TH-65CQE2-IR	TH-55CQE2-IR
DISPLAY PANEL	Panel size	86-inch class (85.60-inch/2174.2 mm)	75-inch class (74.51-inch/1892.7 mm)	65-inch class (64.52-inch/1638.9 mm)	55-inch class (54.63-inch/1387.8 mm)
	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	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
	Brightness (typ.)	400 cd/m ²	400 cd/m ²	500 cd/m ²	500 cd/m ²
DISPLAY PANEL	Contrast	1200:1	1200:1	1200:1	1200:1
	Viewing angle (T/B)/(L/R)	178°/178° (CR>10)	178°/178° (CR>10)	178°/178° (CR>10)	178°/178° (CR>10)
	Panel surface treatment	Anti-glare acid etched glass with ≤ 5% ± 3 haze	Anti-glare acid etched glass with ≤ 5% ± 3 haze	Anti-glare acid etched glass with ≤ 5% ± 3 haze	Anti-glare acid etched glass with ≤ 5% ± 3 haze
	Detection Method	Infrared Blocking Detection Method	Infrared Blocking Detection Method	Infrared Blocking Detection Method	Infrared Blocking Detection Method
TOUCH OPERATION	Touch Operation	Up to 40-point multi-touch	Up to 40-point multi-touch	Up to 40-point multi-touch	Up to 40-point multi-touch
	Touch Method	Support Pen, Finger, or any non-transparent object	Support Pen, Finger, or any non-transparent object	Support Pen, Finger, or any non-transparent object	Support Pen, Finger, or any non-transparent object
	Response Time (Single Touch)	6ms	6ms	6ms	6ms
	Power Supply	USB 4.75V~5.25V / ≤200mA	USB 4.75V~5.25V / ≤200mA	USB 4.75V~5.25V / ≤200mA	USB 4.75V~5.25V / ≤200mA
TOUCH OPERATION	OS	Windows 10, 8, 7, MAC OS, Android, Linux	Windows 10, 8, 7, MAC OS, Android, Linux	Windows 10, 8, 7, MAC OS, Android, Linux	Windows 10, 8, 7, MAC OS, Android, Linux
	HDMI™ IN	HDMI™ x 4 (compatible with HDCP2.2)	HDMI™ x 4 (compatible with HDCP2.2)	HDMI™ x 4 (compatible with HDCP2.2)	HDMI™ x 4 (compatible with HDCP2.2)
	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	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	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	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
	microSD	microSD/SDHC/SDXC / MAX 1 TB	microSD/SDHC/SDXC / MAX 1 TB	microSD/SDHC/SDXC / MAX 1 TB	microSD/SDHC/SDXC / MAX 1 TB
TERMINAL	Serial IN	Stereo mini jack (ø3.5 mm) x 1, RS-232C Compatible	Stereo mini jack (ø3.5 mm) x 1, RS-232C Compatible	Stereo mini jack (ø3.5 mm) x 1, RS-232C Compatible	Stereo mini jack (ø3.5 mm) x 1, RS-232C Compatible
	LAN	RJ45 x 1, compatible with PoE Link™ 10BASE-T/100BASE-TX/1000BASE-T	RJ45 x 1, compatible with PoE Link™ 10BASE-T/100BASE-TX/1000BASE-T	RJ45 x 1, compatible with PoE Link™ 10BASE-T/100BASE-TX/1000BASE-T	RJ45 x 1, compatible with PoE Link™ 10BASE-T/100BASE-TX/1000BASE-T
	IR IN	Stereo mini jack (ø3.5 mm) x 1	Stereo mini jack (ø3.5 mm) x 1	Stereo mini jack (ø3.5 mm) x 1	Stereo mini jack (ø3.5 mm) x 1
	Slot	No	No	No	No
TERMINAL	Wi-Fi	Yes (Dongle)	Yes (Built-in)	Yes (Built-in)	Yes (Built-in)
	Bluetooth*	Yes (Dongle)	Yes (Built-in)	Yes (Built-in)	Yes (Built-in)
	Audio OUT	Stereo mini jack (ø3.5 mm) x 1, SPDIF x 1	Stereo mini jack (ø3.5 mm) x 1, SPDIF x 1	Stereo mini jack (ø3.5 mm) x 1, SPDIF x 1	Stereo mini jack (ø3.5 mm) x 1, SPDIF x 1
	HTML browser	HTML5 (Vwed)	HTML5 (Vwed)	HTML5 (Vwed)	HTML5 (Vwed)
GENERAL	Android™-OS	Yes	Yes	Yes	Yes
	Operating time ¹	16 h/day	16 h/day	16 h/day	16 h/day
	Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
	Tilt angle ²	0~20 degrees forward with landscape setting	0~20 degrees forward with landscape setting	0~20 degrees forward with landscape setting	0~20 degrees forward with landscape setting
GENERAL	Built-in speaker	24 W	20 W	20 W	20 W
	Power supply	AC 220-240 V 50 Hz/60 Hz, 1.9 A 235 W (Shipping Condition)	AC 220-240 V 50 Hz/60 Hz, 1.4 A 170 W (Shipping Condition)	AC 220-240 V 50 Hz/60 Hz, 1.4 A 160 W (Shipping Condition)	AC 220-240 V 50 Hz/60 Hz, 1.0 A 110 W (Shipping Condition)
	Power consumption	225 W (Picture Mode: [Natural])	165 W (Picture Mode: [Natural])	160 W (Picture Mode: [Natural])	110 W (Picture Mode: [Natural])
	On mode average power consumption ³	Approx. 0 W	Approx. 0 W	Approx. 0 W	Approx. 0 W
GENERAL	Power off condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W
	Stand-by condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W
	Dimension (WxHxD) (Excluding remote (IR sensor))	1962 x 1136 x 59.9 mm	1716 x 1002 x 90.8 mm	1486 x 867.9 x 91.4 mm	1259.8 x 730.4 x 84.7 mm
	Weight	92.4 kg	61.5 kg	44.5 kg	29.1 kg
GENERAL	Wall-hanging pitch	600 x 400 mm, M8	600 x 400 mm, M6	600 x 400 mm, M6	400 x 400 mm, M6
	Wall-hanging pitch	600 x 400 mm, M8	600 x 400 mm, M6	600 x 400 mm, M6	400 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)	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)	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)	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)
	Early Warning Software ⁴	ET-SWA100/105 Series	ET-SWA100/105 Series	ET-SWA100/105 Series	ET-SWA100/105 Series

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.

4: Multi Monitoring & Control Software ver.2.1 or later required.