



98-inch Class 4K UHD LCD Display

TH-98CQE1W

TENTATIVE

Product specification (design and specification subject to change without notice)

DISPLAY PANEL

Screen Size (Diagonal)	98-inch (2476.9 mm)
Panel type / Backlight	IPS / Direct-LED
Aspect ratio	16:9
Effective Display Area (W x H)	2158.8 x 1214.3 mm (84.99" x 47.80")
Resolution (H x V)	3840 x 2160
Brightness (Typ)	500 cd/m ²
Contrast Ratio	1200:1
Dynamic Contrast Ratio	50000:1
Max. Display Colors	Approx. 16.7 Million (8bit)
Response Time (Typ)	6 ms (G to G)
Viewing Angle (Horizontal / Vertical)	178° / 178° (CR>10)
Panel Life Time* ¹ (Typ)	Approx. 50000 hours
Panel Surface Treatment	Anti-glare type (Haze 25%) and Hard coating: 2H

*¹ When the panel lifetime is at 50% of the brightness under the condition of 25 degrees Celsius (+/- 2 degrees Celsius).

CONNECTION TERMINAL

HDMI IN	HDMI Connector x 4	Compatible with HDCP 2.2
PC IN	Mini D-Sub 15-pin (DDC2B) x 1	Y/G : with sync 1.0 V [p-p] (75 Ω) : without sync 0.7 V [p-p] (75 Ω) P _B /C _B /B : without sync 0.7 V [p-p] (75 Ω) P _R /C _R /R : without sync 0.7 V [p-p] (75 Ω) HD/VD : TTL (high impedance)
SERIAL IN	D-sub 9pin x 1, RS-232C Compatible	
IR IN	x 1	
AUDIO IN	RCA (L / R) x 1	
AUDIO OUT	Stereo Mini Jack (M3) x 1 SPDIF x 1	
LAN	RJ45 x 1	
USB	USB Type A Connector x 2, Type-C x 1 (Internal) Type-A x 1	
Wifi	USB dongle	

AUDIO

Built in Speaker	24 W [12 W + 12 W]
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ELECTRICAL

Power Requirements	AC 110 - 127 V 50 Hz / 60 Hz AC 220 - 240 V 50 Hz / 60 Hz
Power Consumption	(T.B.D.)
On Mode Average Power Consumption*	(T.B.D.)
Power Off Condition	0 W
Stand-by Condition	Approx. 0.5 W
Apparent power	(T.B.D.)

*Based on IEC 62087 Ed.2 measurement method

MECHANICAL

Dimension (W x H x D) Not including remote controller sensor box*	2237 x 1292 x 107 mm (88.04" x 50.85" x 4.21") (T.B.D.)
Dimension (W x H x D) Including remote controller sensor box*	(T.B.D.)
Weight	102.3 kg (225.6 lbs) (T.B.D.)
Carton Dimensions (W x H x D)	2423 x 1563 x 380 mm (95.4" x 61.6" x 15.0") (T.B.D.)
Gross Weight	147.5 kg (325.2 lbs) (T.B.D.)
Cabinet Material	Front/Side/Back: Metal
Bezel Color	Black
Bezel Width	T/R/L/B 37.9 mm (1.49") (T.B.D.)
Pitch for Wall-Hanging	VESA Compliant 900 x 600 mm (35.5" x 23.7") (Installed by: M8 screws / Screw hole depth (T.B.D.))

*The remote control receiver is detachable.

INSTALLATION

Orientation*	Landscape
Tilting Angle	Landscape : 20 degrees forward (T.B.D.)

*Please contact your sales representative with regard to the tilt angle before installation.

ENVIRONMENTAL

Operating Environment	Temperature : 0°C to 40°C (32°F to 104°F) ^{*1} : 0°C to 35°C (32°F to 95°F) ^{*2} Humidity : 20% to 80% (No condensation)
Storage Environment	Temperature : -20°C to 60°C (-4°F to 140°F) Humidity : 20% to 80% (No condensation)

*¹ : for up to 1400 m (4593 ft) altitude *² : for between 1400 m (4593 ft) and 2800 m (9186 ft) altitude

• Depending on the temperature or humidity conditions, uneven brightness may be observed. This is not a malfunction.

• This unevenness will disappear while applying current continuously. If not, consult the distributor.

MAIN FEATURE

Wireless Display	Yes
USB Media Player	Yes
Data Cloning	USB
Multi display settings	Yes
Power on Screen Delay	Yes
Auto setting	Yes
No signal power off	Yes
HDMI power management (HDMI-Wakeup)	Yes
Button lock	Yes
Controller user level	Yes
Dynamic contrast	Yes
Set up timer	Yes
SERIAL control (RS232C)	Yes
LAN control	Yes
HDMI CEC Compatible	Yes
Crestron Connected™	Yes
SNMP	Yes
PJLink™	Yes
Multi Monitoring & Control Software (Early Warning Software) compatible	Yes
Memory Viewer	Yes
HTML5 Browser	Yes
HTML5 Browser auto-Launch	Yes
Real Time Clock	Yes
Pixel shift	Yes
OSD Rotation	Yes
USB Auto-play (Type A&C)	Yes
Operating Time*	24h / day

* In case of 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 movie images.

STANDARD (CERTIFICATIONS)

SAFETY REGULATIONS	EU/USA CB Report (LVD; IEC62368-1 2nd Edition + EU/USA Deviation) EU Deviation : EN62368-1:2014 2nd Edition
RADIATION REGULATIONS	EU : EMC test report [Class-A] (CE; EN55032:2012/EN55035/EN61000-3-2:2014/EN61000-3-3:2013/EN55024:2010 IEC61000-4-2:2008 IEC61000-4-3:2010 IEC61000-4-4:2012 IEC61000-4-5:2005 IEC61000-4-6:2013 IEC61000-4-8:2009 IEC61000-4-11:2004)

WIRELESS LAN FUNCTION

Compliance standard	IEEE 802.11 a/b/g/n Dual (Wireless LAN Standard protocol) WiFi certificated
Channel	IEEE802.11b/g/n : (T.B.D.) IEEE802.11a/n : (T.B.D.)
Communication distance	Approx. 30 m (Depends on usage environment) (T.B.D.)

REMOTE CONTROL TRANSMITTER

Power Requirements	DC 3 V (AA Size batteries x 2)
Operating distance	Approx. 7 m (23 ft)*
Weight	Approx. 111 g (4 oz) including batteries
Dimensions (W x H x D)	51 x 27 x 161 mm (2" x 1.1" x 6.4")

*When operated directly in front of receptor.

INCLUDED ACCESSORIES

- Remote Control - Batteries (AA size) x 2 (T.B.D.)
- AC cord (approx. (T.B.D.)) - IR sensor x 1
- IR receiver holder x 1 - Clamper x 3
- Operating Instruction Book

DIMENSIONS

Cautions: This drawing is not a scale
Units : mm (inches)

(T.B.D.)

CONNECTION TERMINAL

(T.B.D.)