65-inch Class 4K UHD LCD Display

TH-65EQ1U

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

**DISPLAY PANEL**
- **Screen Size (Diagonal):** 64.5-inch (1638 mm)
- **Panel type / Backlight:** VA / Direct-LED
- **Aspect ratio:** 16:9
- **Effective Display Area (W x H):** 56.2" x 31.6" (1428 x 803 mm)
- **Resolution (H x V):** 3840 x 2160
- **Brightness:** 350 cd/m² (Typ)
- **Contrast Ratio:** 4000:1 (Typ)
- **Response Time:** 8.0 ms (Typ) (G to G)
- **Viewing Angle (Horizontal / Vertical):** 178° / 178° (CR≧10)
- **Panel Life Time**
  - *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 Type A Connector x 2
  - Linear PCM
  - (Sampling frequency : 48 kHz/44.1 kHz/32 kHz)
- **VIDEO/AV IN:** 4-pole Mini Jack (M3) x 1
  - Video: 1.0 V [p-p] (75 Ω)
  - Audio: Mini Jack (M3) x 1 / x 1
  - 0.5 V [rms]
- **DVI-D IN:** DVI-D 24-pin x 1
  - Compliance with DVI Revision 1.0
  - Compatible with HDCP 1.1
- **PC IN:** Mini D-Sub 15-pin x 1 (Female)
  - Y/G : with sync 1.0 V [p-p] (75 Ω)
  - Pb/Cb/R : without sync 0.7 V [p-p] (75 Ω)
  - Pr/Cr/R : without sync 0.7 V [p-p] (75 Ω)
  - HD/VD : 1.0 - 5.0 V [p-p] (high impedance)
- **SERIAL IN:** D-sub 9pin x 1, RS-232C Compatible
- **AUDIO IN:** Stereo Mini Jack (M3) x 1
  - (Shared with DVI-D IN and PC IN)
  - 0.5 V [rms]
- **AUDIO OUT:** Stereo Mini Jack (M3) x 1
  - 0.5 V [rms]
- **LAN:** RJ45 x 1, 10BASE-T/100BASE-TX/1000BASE-T (T.B.D.)
- **USB:** USB Type A Connector x 1, DC 5 V/2A (USB 3.0 is supported)

**AUDIO**
- **Built in Speaker:** 20W (10W+10W) 8Ω

**ELECTRICAL**
- **Power Requirements:** AC 110 - 127 V 50 Hz / 60 Hz
- **Power Consumption**
  - On Mode Average Power Consumption: (T.B.D.)
  - Power Off Condition: approx. 0.3 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):** 57.5" x 32.9" x 3.3" (1459 x 835 x 82 mm)
- **Weight:** approx. 53.0 lbs (24 kg) (T.B.D.)
- **Bezel Color:** Black
- **Bezel Width:** 0.6" (14 mm) L/R, 0.6" (14.3 mm) B 0.6" (15 mm)
- **Carton Dimensions (W x H x D):** (1655 x 1078 x 280 mm) (T.B.D.)
- **Gross Weight:** approx. 134 kg (T.B.D.)
- **Cabinet Material:** Front: Plastic / Back: Plastic
- **Pitch for Wall-Hanging:** VESA Compliant 15.8" x 15.8" (400 x 400 mm) (Installed by: M6 screws / Screw hole depth (T.B.D.))

**INSTALLATION**
- **Orientation:** Landscape / Portrait (T.B.D.) / Rotation (T.B.D.) (T.B.D.)
- **Tilting Angle:** (T.B.D.)

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

**ENVIRONMENTAL**
- **Operating Environment**
  - Temperature: 32° F to 104° F (0℃ to 40℃)
  - Humidity: 20% to 80% (No condensation)
  - Altitude: 0 to 9186 ft (0 to 2800 m)
- **Storage Environment**
  - Temperature: -4° F to 140° F (-20℃ to 60℃)
  - Humidity: 20% to 80% (No condensation) (T.B.D.)

- *1: for up to 4593 ft (1400 m) altitude
- *2: 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.

UPC Code

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**MAIN FEATURE**

- **USB Media Player**: Yes
- **Failover/Failback**: Yes
- **Data Cloning**: Yes
- **Digital Zoom**: Yes
- **Power ON Screen Delay**: Yes
- **3:1 Pixel mode**: Yes
- **Screen Saver**: Yes
- **Power Management**: Yes (HDMI/PC/DVI/DP)
- **Power save**: Yes
- **Button Lock**: Yes
- **Remote-control User Level**: Yes
- **Input Search**: Yes
- **Picture mode**: Yes
- **Dynamic contrast**: Yes
- **Color enhancement**: Yes
- **Refine enhancer**: Yes
- **Gradation smoother**: Yes
- **Set up timer**: Yes
- **AMX D.D.**: Yes
- **Crestron Connected™**: Yes
- **WEB Browser control**: Yes
- **PJlink**: Yes
- **Image settings**: Yes
- **Input Detection**: Yes
- **HDMI CEC Compatible**: Yes
- **Memory Viewer**: Yes
- **Playlist Editing Function**: Yes
- **Operating Time**: 16h / day (T.B.D.)

**REMOTE CONTROL TRANSMITTER**

- **Power Requirements**: DC 3 V (2 x AAA Size batteries)
- **Operating distance**: approx. 23 ft (7 m)*
- **Weight**: approx. 2.2 oz (63 g) including batteries
- **Dimensions (W x H x D)**: 1.9" x 5.3" x 0.8" (48 x 134 x 20 mm)

*When operated directly in front of receptor.

**STANDARD (CERTIFICATIONS)**

**SAFETY REGULATIONS**

**RADIATION REGULATIONS**

**INCLUDED ACCESSORIES**

- Remote Control
- Batteries (AAA size) x 2
- AC cord (approx. 78.7" (2.0 m))
- Operating Instruction Book

**COMPATIBLE SOFTWARE**

- Multi Monitoring &Control Software
- CMS Content Management Software
- Video Wall Manager

**OPTIONAL ACCESSORIES**

- Pedestal TY - ST55PE9
- Early Warning Software* (Depending on the license type, the symbol at the end of the part number is different.)
- Multi-Monitoring Control Software Ver 2.0 or later is required.

**DIMENSIONS (TENTATIVE)**

**CONNECTION TERMINAL**

**REMOTE CONTROL TRANSMITTER**

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