43-inch Class FULL HD LCD Display
TH-43LFE8W

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

■ DISPLAY PANEL
Screen Size (Diagonal) 43-inch (1079 mm)
Panel type VA / direct LED
Aspect ratio 16:9
Effective Display Area (W x H) 940 x 529 mm
Number of pixels (H x V) 1920 x 1080 pixels
Brightness 350 cd/m² (Typ)
Contrast Ratio 3000:1
Response Time 6.5 ms (G to G)
Viewing Angle (Horizontal / Vertical) 178° / 178° (CR ≧ 10)
Panel Life Time*1 approx. 50000 hours (typ)
*1 When the panel lifetime is at 50% of the brightness under the condition of 25 degrees Celsius (+/- 2 degrees celsius).

■ CONNECTION TERMINAL
VIDEO IN 4-Pole Mini Jack (M3) x 1 1.0 V [p-p] (75 Ω )
HDMI IN HDMI Type A Connector x 2 Linear PCM
DVI-D IN DVI-D 24-pin x 1 Compliance with DVI Revision 1.0
PC IN Mini D-Sub 15-pin x 1 (Female) Y/G : with sync 1.0 V [p-p] (75 Ω )
D-Sub 9pin x 1, RS-232C Compatible
LAN RJ45 x 1 10BASE-T/100BASE-TX, Compatible with PJLink
IR TRANSMITTER IN / OUT Mini Jack (M3) x 1 / x 1
AUDIO IN Stereo Mini Jack (M3) x 1 0.5 V [rms]
AUDIO OUT Stereo Mini Jack (M3) x 1 0.5 V [rms]
USB USB 2.0 Type A connector x 1 DC 5 V / 1A (USB 3.0 is not supported.)
* Due to the construction of terminal, some types of connecting cable or USB memory device cannot be used. Be sure to make confirmation with reference to the detailed drawing of terminal in page 4.

■ AUDIO
Built in Speaker 20 W [10 W + 10 W]

■ ELECTRICAL
Power Requirements 220 - 240 V AC 50 Hz/60 Hz
Power Consumption 135 W
Stand-by Condition approx. 0.3 W
Power Off Condition approx. 0.5 W
Apparent power 135 (VA)
* Based on IEC 62087 Ed.2 measurement method

■ MECHANICAL
Dimensions (W x H x D) 969 x 560 x 61 mm
Weight approx. 8.7 kg
Bezel Color Black
Bezel Width T/R/L: 11.9 mm, B: 14.9 mm
Carton Dimensions (W x H x D) 1070 x 696 x 159 mm
Gross Weight approx. 14.0 kg
Gross Weight approx. 14.0 kg
Cabinet Material / Color Plastic/Black
Pitch for Wall Hanging VESA Compliant 200 x 200 mm (installed by: M6 screws / Screw hole depth 16 mm)

■ INSTALLATION
Orientation Landscape / Portrait
Tilting Angle 0 - 20 degrees with landscape setting
* Please contact your sales representative with regard to the tilt angle before installation.

■ ENVIRONMENTAL
Operating Environment Temperature: 0°C to 40°C **1: 0°C to 35°C **
Humidity 20% to 80% (No condensation)
Storage Environment Temperature: -20°C to 60°C
Humidity 20% to 80% (No condensation)
**1 : for up to 1400 m altitude **2 : for between 1400 m and 2800 m 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.
43-inch Class FULL HD LCD Display

**OPTIONAL ACCESSORIES**
- Pedestal Stand TY-ST43PE8

**STANDARD (CERTIFICATIONS)**
- SAFETY REGULATIONS IEC60950-1
- RADIATION REGULATIONS AS/NZS CISPR22:2009 RCM Mark

**REMOTE CONTROL TRANSMITTER**
- Power Requirements: DC 3 V (2 x AAA Size batteries)
- Operating distance: approx. 7 m*
- Weight: approx. 63 g including batteries
- Dimensions (W x H x D): 44 x 105 x 20.5 mm
*When operated directly in front of receptor.

**INCLUDED ACCESSORIES**
- AC cord (1.8 m)
- Remote Control
- Batteries (AAA size) x 2
- Clamp x 3
- Operating instruction book

**MAIN FEATURE**
- Digital Zoom: Yes
- Multi Display: Yes
- Power ON Screen Delay: Yes
- 1:1 Pixel mode: Yes
- Auto setup: Yes
- Screen Saver: Yes
- PC Power Management: Yes
- DVI-D Power Management: Yes
- HDMI Power Management: Yes
- Input Lock: Yes
- Button Lock: Yes
- Remote-control User Level: Yes
- Input Search: Yes
- USB Media Player: Yes
- Data Cloning: Yes
- Early Warning Software compatible: Yes
- Multi Monitoring & Control Software compatible: Yes
- Operating Time*: 16 h/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.

**DIMENSIONS**

Cautions: This drawing is not a scale

Units: mm

**CONNECTION TERMINAL**

* Specifications and appearance are subject to change without notice.
### List of correspondence signals

The picture signal which can indicate this machine is as it is the following table.

#### Picture form signal

<table>
<thead>
<tr>
<th>Correspondence signal</th>
<th>Resolution (dot)</th>
<th>Vertical (Hz)</th>
<th>Horizontal (kHz)</th>
<th>Scan rate</th>
<th>Dot clock rate (MHz)</th>
<th>Input format</th>
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</thead>
<tbody>
<tr>
<td>NTSC/NTSC4.43 / PAL/ PALM</td>
<td>720 x 480i</td>
<td>59.94</td>
<td>15.73</td>
<td>-</td>
<td>V</td>
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<tr>
<td>PALM/PALN</td>
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<td>16.20</td>
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<tr>
<td>525i (480i)</td>
<td>720 x 480i</td>
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<td>15.73</td>
<td>-</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>625i (576i)</td>
<td>720 x 576i</td>
<td>50.00</td>
<td>16.20</td>
<td>R/Y</td>
<td></td>
<td></td>
</tr>
<tr>
<td>525i (480i)</td>
<td>720 (1440) x 480i</td>
<td>59.94</td>
<td>27.00</td>
<td>D/H</td>
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<td></td>
</tr>
<tr>
<td>625i (576i)</td>
<td>720 (1440) x 576i</td>
<td>50.00</td>
<td>27.00</td>
<td>D/H</td>
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#### PC signal form

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<tr>
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<th>Resolution (dot)</th>
<th>Vertical (Hz)</th>
<th>Horizontal (kHz)</th>
<th>Scan rate</th>
<th>Dot clock rate (MHz)</th>
<th>Input format</th>
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<tr>
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<td>R/Y/D/H</td>
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</tr>
</tbody>
</table>

*1: When 1125 (1035) /60i signal is input, it is displayed as 1125 (1080) /60i signal.
*2: Pixel-Repetition signal (dot clock frequency 27.0 MHz) only
*3: Displayed with image elements thinned out in the image processing circuit.
*4: Based on VESA CVT-RB (Reduced Blanking) standard
**Drawing of terminals**

View from back

Magnified figure of terminal

Sectional view of terminal a

Sectional view of terminal b

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**Terminal a**

- Video/PC/HDMI/DVI
- USB/LAN/SERIAL

**Terminal b**

- Serial
- LAN
- USB

**43LFE8W**

<table>
<thead>
<tr>
<th>Terminals</th>
<th>Video</th>
<th>PC</th>
<th>HDMI</th>
<th>DVI</th>
</tr>
</thead>
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**43LFE8W**

<table>
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<th>LAN</th>
<th>Serial</th>
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<td>L</td>
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*Due to the construction of terminal, some types of connecting cable or USB memory device cannot be used. Be sure to use connecting cable or USB memory device after confirmation in this drawing.