

## LMD-XH550MD

55-inch 4K 2D surgical monitor



### Specifications

#### Picture Performance

|                                 |   |
|---------------------------------|---|
| Panel                           | TFT Active Matrix LCD                     |
| Picture Size (Diagonal)         | 1387.8 mm (54 3/4 inches)                 |
| Effective Picture Size (H x V)  | 1209.6 x 680.4mm (47 5/8 x 26 7/8 inches) |
| Pixel pitch                     | 0.315 x 0.315 mm (0.0124 x 0.0124 inches) |
| Resolution (H x V)              | 3,840 x 2,160 pixels                      |
| Aspect                          | 16:9                                      |
| Pixel Efficiency                | 99.99%                                    |
| Backlight                       | LED                                       |
| Panel Technology                | LCD with IPS                              |
| Luminance (Panel Specification) | 1500cd/m <sup>2</sup> (Typical, Peak)     |

|                                     |   |
|-------------------------------------|---|
| Contrast Ratio                      | 1,000,000:1 (Typical)   |
| Colors                              | 10 bit colors (1,073,741,824)   |
| Panel Frame Rate                    | 50/60 Hz  |
| Viewing Angle (Panel Specification) | 89°/89°/89°/89° (Typical)<br>(up/down/left/right, contrast > 10:1)        |
| Gamma                               | 1.8, 2.0, 2.2, 2.4, 2.6, DICOM, Highlight, HLG                            |
| <b>Input</b>                        |   |
| HDMI Input                          | HDMI (x1) (HDCP 2.3 correspondence)                                       |
| DVI-D Input                         | DVI-D (x1) (TMDS single link, HDCP 1.4 correspondence)                    |
| SDI Input                           | BNC (x2) 12G/3G/HD-SDI,<br>BNC (x1) 3G/HD/SD-SDI                          |
| Display Port                        | Display Port (x1) (SST HDCP 1.3 correspondence)                           |
| Serial Remote (LAN)                 | D-sub 9-pin (RS-232C) (x1),<br>RJ-45 (x1) (Ethernet, 10BASE-T/100BASE-TX) |
| Remote                              | Stereo mini jack (x1)   |

|          |  |
|----------|--|
| AC input | AC input connector (x1) AC 100-240 V, 50/60 Hz |
|----------|--|

|          |   |
|----------|---|
| DC Input | - |
|----------|---|

## Output

|            |  |
|------------|--|
| SDI Output | BNC (x2) 12G/3G/HD-SDI,<br>BNC (x1) 3G/HD/SD-SDI |
|------------|--|

|              |                     |
|--------------|---------------------|
| CLONE output | BNC (x1) 12G/3G-SDI |
|--------------|---------------------|

|                      |  |
|----------------------|--|
| DC 5 V / 12 V Output | 5 V Output (x1) 2.0 A max,<br>12 V Output (x1) 2.5 A max |
|----------------------|--|

## General

|                    |   |
|--------------------|---|
| Power Requirements | AC IN: 100 V - 240 V, 50/60 Hz, 3.1 A - 1.1 A |
|--------------------|---|

|                   |                      |
|-------------------|----------------------|
| Power Consumption | Approx. 290 W (max.) |
|-------------------|----------------------|

|                       |                             |
|-----------------------|-----------------------------|
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
|-----------------------|-----------------------------|

|                    |                              |
|--------------------|------------------------------|
| Operating Humidity | 30% to 85% (no condensation) |
|--------------------|------------------------------|

|                               |                                 |
|-------------------------------|---------------------------------|
| Storage/Transport Temperature | -20°C to +60°C (-4°F to +140°F) |
|-------------------------------|---------------------------------|

|                            |            |
|----------------------------|------------|
| Storage/Transport Humidity | 20% to 90% |
|----------------------------|------------|

|                                      |  |
|--------------------------------------|--|
| Operating/Storage/Transport Pressure | 700 hPa to 1060 hPa  |
| Dimensions (W x H x D)               | Approx. 1249.6 x 763.3 x 92.8 mm<br>(Approx. 49 1/4 x 30 1/8 x 3 3/4 inches) |
| Mass                                 | Approx. 25 kg (Approx. 55 lb 1.8 oz)   |
| Mounting (W x H)                     | 200 x 200 mm,<br>400 x 200 mm  |
| IP Code                              | IP45 (front)/IP32 (others)   |

## Supplied Accessories

AC power cord (1),  
 Plug holder for the supplied AC power cord (2),  
 Before Using This Unit (1),  
 CD-ROM (including the Instructions for Use) (1),  
 Service Contact List (1),  
 M6 x 12 mm Screw (4)

## Related products



### **LMD- XH550MT**

55-inch 4K 3D/2D LCD  
medical monitor



### **LMD- XH320MT**

32-inch 4K 3D/2D LCD  
medical monitor



### **HVO- 4000MT**

4K 2D/3D medical  
recorder



### **MCC- 1000MD**

Two-piece Full HD  
surgical video camera

## Gallery

