

## LMD-XH550MT

55-inch 4K 3D/2D LCD medical 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) | 550cd/m2 (Typical) 1500cd/m2 (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)                  |
| Vertical Viewing Angle (3D Mode)    | 37° at a viewing distance more than 1,000mm, crosstalk ratio less than 7% (Typical) |
| Gamma                               | 1.8, 2.0, 2.2, 2.4, 2.6, DICOM, Highlight, HLG                                      |

## Input

|              |  |
|--------------|--|
| 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)        |
|              | D-sub 9-pin (RS-232C) (x1), RJ-45                      |

|                     |  |
|---------------------|--|
| Serial Remote (LAN) | (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)               | 1249.6 x 763.3 x 92.8 mm<br>(49 1/4 x 30 1/8 x 3 3/4 inches) |
| Mass                                 | Approx. 27 kg (Approx. 59 lb 8.4 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)
- 3D Eye Shield Kit: CFV-E30SK (1)
- Instructions for Use of the 3D Eye

## Shield Kit (1)

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### Optional Accessories

3D Eye Shield Kit: CFV-E30SK

2D Eye Shield Kit: CFV-E20SK

3D Eye Shield: CFV-E30D

2D Eye Shield: CFV-E20D

Shield Cover: CFV-50SC

Shield Frame: CFV-B100

Foot Switch FS-24

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### Related products



#### **LMD- XH320MT**

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



#### **LMD- XH550MD**

55-inch 4K 2D surgical  
monitor



#### **HVO- 4000MT**

4K 2D/3D medical  
recorder



#### **MCC- 1000MD**

Two-piece Full HD  
surgical video camera

## Gallery

