

LMD-XH550MT

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



Specifications

Picture Performance

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|---------------------------------|--|
| 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) |

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|-------------------------------------|---|
| 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) (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

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|--------------|--|
| 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 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 |

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|-----------------------|---|
| 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 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 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 (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 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)

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

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

