SONY

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^2 (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) (up/down/left/right, contrast > 10:1)
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, 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), 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, 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)	Approx. 1249.6 x 763.3 x 92.8 mm (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, 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)

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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