

LMD-XH320MT

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



Specifications

Picture Performance

Panel	TFT Active Matrix LCD
Picture Size (Diagonal)	800.757 mm (31.53 inches)
Effective Picture Size (H x V)	697.92 x 392.58 mm (27.48 x 15.46 inches)
Pixel pitch	0.18175 x 0.18175 mm (0.00716 x 0.00716 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	650cd/m2 (Typical) 1750cd/m2

Specification)	(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° (up/down/left/right contrast > 10:1)
Vertical Viewing Angle (3D Mode)	32° at a viewing distance more than 690mm, crosstalk ratio less than 7% (Typical)
Gamma	1.8, 2.0, 2.2, 2.4, 2.6, DICOM, Highlight, HLG

Input

HDMI Input	HDMI connector (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	DC input connector (x1) DC 26 V

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, 2.4 A - 1.1 A DC IN: 26 V, 8.8 A (supplied from AC adaptor)
Power Consumption	Approx. 230 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)	753.9 x 476.3 x 84.7 mm (29.68 x 18.75 x 3.12 inches)
Mass	Approx. 10.5 kg Approx. 23 lb 2.38 oz
Mounting pattern (W x H)	100 x 100 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)
- M4 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
AC Adaptor AC-300MD
Monitor Stand SU-600MD

Related products



**LMD-
XH550MT**

55-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

