

## LMD-2760MD

27-inch Full HD 2D LCD medical monitor with advanced OptiContrast™ Panel and digital Input



### Overview

#### **Full HD 27 inch (69 cm) LCD monitor with advanced OptiContrast™ Panel and digital Input**

The tough, high brightness 27" (69cm) LCD panel features an advanced anti-reflective technology that reduces internal and external reflections to optimise image contrast and helps provide surgeons and staff with high-quality viewing during operations.

Surgeons and operating room staff can view Full HD images from a wide range of medical imaging systems with this high quality LCD monitor.

The stylish LMD-2760MD displays High Definition 2D colour images from surgical endoscopic/laparoscopic cameras and other compatible medical imaging systems.

Flexible operation is enhanced with a choice of PIP/POP picture modes and a convenient image flip function. An intuitive guided user interface assists with simple fingertip operation.

Digital interfaces simplify connection with a wide range of High Definition and Standard Definition imaging sources.

### Features

#### **Large and Bright Full HD Screen**

The 27-type\* LCD panel with 1,000 cd/m<sup>2</sup> brightness offers maximum brightness of 800 cd/m<sup>2</sup> @D65 adjustment.

### **A.I.M.E.™ (Advanced Image Multiple Enhancer)**

A.I.M.E technology allows improvement in image display and viewing.

### **Clear and High-contrast View**

The OptiContrast Panel™ achieves clear, high-contrast images by controlling reflection and minimizing light dispersion in the LCD panel.

### **Narrow Bezel**

The narrow bezel achieves a wider display area, even with the compact body.

### **Ergonomic Design**

The easy-to-hold ergonomic design enables the user to adjust monitor position easily.

### **VESA Mounting**

The VESA-mounting standard (100 x 100 mm) enables the device to be used in a variety of medical installations.

### **User-friendly Control Panel**

LED navigated operation enables easy setting, even in dark environments. The user can assign CUSTOM buttons (1 - 3) to commonly used functions.

### **Variety of Display Modes**

A variety of display modes – including Mirror Image, Side-bySide, Picture-in-Picture, and Picture-out-Picture – can be selected easily by simply pressing buttons.

### **Easy to Clean**

The flat surface allows the user to easily wipe liquids and gels off the LCD panel and control buttons, facilitating cleanliness and

disinfection. IPX5 Waterproof Rating\*\*

### Installation-friendly Cabling

All the connectors face downwards, allowing for easy and organized cable connection.

### Compliance with Standards

This product is distributed to the US and EU as a medical device and satisfies product safety standards (e.g. IEC 60601-1). For more details, please contact your nearest Sony sales office or an authorized dealer.

## Specifications

Picture Performance	
Panel	a-Si TFT Active Matrix LCD
Picture Size (Diagonal)	686 mm 27 inches
Effective Picture Size (H x V)	597.9 x 336.3 mm 23 5/8 x 13 1/4 inches
Pixel pitch	0.3114 x 0.3114 mm
Resolution (H x V)	1920 x 1080 pixels (Full HD)
Aspect	16:9
Pixel Efficiency	0.9999
Backlight	LED
Panel Technology	LCD with IPS

Luminance (Panel Specification)	1000 cd/m2 (typical)
Contrast Ratio	1000 : 1
Colors	Approx.16.7 million colors
Viewing Angle (Panel Specification)	89°/89°/89°/89° (typical)
Gamma	1.8, 2.0, 2.2, 2.4, 2.6, DICOM

## Input

DVI-D Input	DVI-D (x2) TMDS single link
SDI Input	BNC (x2) 3G/HD/SD-SDI
Serial Remote (LAN)	D-sub 9-pin (RS-232C) (x1), RJ-45 (x1) (Ethernet, 10BASE-T/100BASE-TX)
DC Input	XLR-type 3-pin (male) (x1), 24 V DC (output impedance 0.05 ohms or less)

## Output

DVI-D Output	DVI-D (x1)
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SDI Output	BNC (x1)
DC 5 V Output	(x1), up to 1.2 A

## General

Power Requirements	<p>LCD monitor</p> <ul style="list-style-type: none"> <li>- DC Input: 24 V, 6.25 A</li> </ul> <p>AC adaptor: 85 (W) x 170 (L) x 40 (H) mm</p> <p>AC IN: 100 V - 240 V, 50/60 Hz, 2.5 A - 1 A</p>
Power Consumption	Approx. 102 W (max.)
Operating Temperature	<p>0°C to 35°C (Recommended: 20°C to 30°C)</p> <p>32°F to 95°F (Recommended: 68°F to 86°F)</p>
Operating Humidity	30% to 85% (no condensation)
Storage/Transport Temperature	-20°C to +60°C (-4°F to +140°F)
Storage/Transport Humidity	0% to 90%
Operating/Storage/Transport	700 hPa to 1060 hPa

Pressure

Dimensions (W x H x D)*1	<p>650 x 419 x 58 (Slimmest D 29mm)</p> <p>650 x 474 x 302 mm (with SU-560 optional stand)</p> <p>25 5/8 x 16 1/2 x 2 3/8 inches</p> <p>25 5/8 x 18 3/4 x 12 inches (with SU-560 optional stand)</p>
Mass	<p>Approx, 8.5kg</p> <p>Approx 18.75 lb</p>
Mounting	100 x 100 mm VESA
Supplied Accessories	<p>AC adaptor (1)</p> <p>AC power cord (1)</p> <p>Before Using This Unit (1)</p> <p>CD-ROM (1)</p> <p>Sales Companies Guide (1)</p> <p>Warranty book (1)</p>
Optional Accessories	SU-560 Monitor stand

Note

\*1

The values for dimensions are approximate.



## Gallery

