Thin is in.

Brighter display. Thinner chassis.
Larger viewing area.
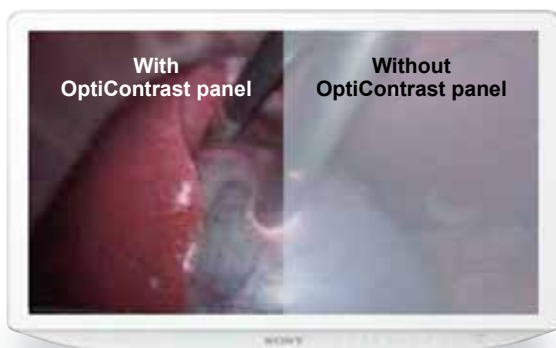
Sony's 27-inch* medical monitor.

The new standard in O.R. visualization.

The first thing you notice is its unique design. The uncommonly slender chassis and front bezel are truly eye-catching. You see how the robust OptiContrast panel™ protects the edge to edge screen while reducing glare and reflection, while the 27-inch* screen provides a larger viewing area and fits onto the same carts and boom arms that currently take 26-inch models.

Sony's 27-inch* display is ideal for most medical imaging applications both in and out of the OR, including hospital operating rooms, surgical centers, clinics, and doctor's offices. The monitor is available in two versions: the LMD-2760MD with digital only interface and the LMD-2765 with digital and analog interface.

Superb picture quality and extremely bright full HD screen.

The monitor features IPS panel technology and delivers full HD 1920 x 1080 pixels. The 27-inch* LCD panel offers 1,000 cd/m2 brightness with a maximum brightness of 800 cd/m2 @D65 adjustment.

27-inch

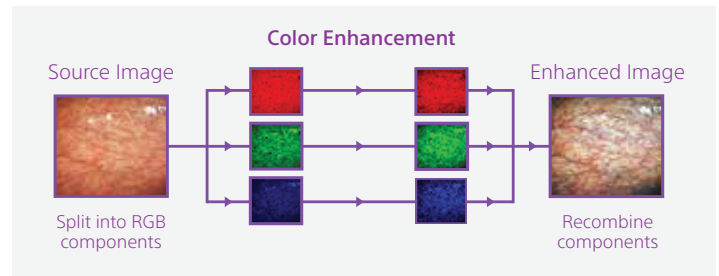With OptiContrast panel

Without OptiContrast panel

Sony's unique OptiContrast Panel.™

OptiContrast technology replaces the layer of air between the panel and the glass with a layer of resin specially formulated to match the refractive properties of the glass. The OptiContrast panel helps establish dark backgrounds for rich, vibrant, high-contrast images even in brightly lit rooms. It also helps reduce glare and reflection and the elimination of internal dew condensation.

*Viewable areas, measured diagonally.

A.I.M.E™ technology.

Advanced Image Multiple Enhancer (A.I.M.E.) is a unique Sony technology that allows you to adjust the view to enhance structure and color for more comfortable viewing. FPGA improves visibility and features four contrast modes and eight color modes.

Color Enhancement

Source Image → Split into RGB components → Enhanced Image → Recombine components

Intuitive operation and easy set-up.

From its intuitively operable control panel with LED navigation to its simplicity of cleaning, the monitor fits right into your current system.

Set-up is easy. You can assign custom buttons (1-3) to commonly used functions. Smart cable management features include a smaller-size power supply AC adaptor, with a maximum current of 1.2 A (from 5V output) to 500mA (from DVI). There is also 5V output to DVI for fiber optic cable.

Variety of display modes.

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

PIP1   PIP2   POP1   POP2

Easy to clean and surgically compliant.

The monitor is compliant and certified for IEC 60601-1 and product safety standards in the U.S., Canada, and Europe.** It's also easy to clean, dustproof, and water-resistant. The front panel has an IPX2, IPX rating of 5 to resist spraying liquids, and its flat surface allows you to easily wipe liquids and gels off the LCD panel and control buttons.

Ergonomic design.

The thin, easy-to-hold, ergonomic design enables you to adjust the monitor to easily position it.

Installation-friendly cabling.

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

**For more details on compliance issues, please contact your nearest Sony authorized dealer.
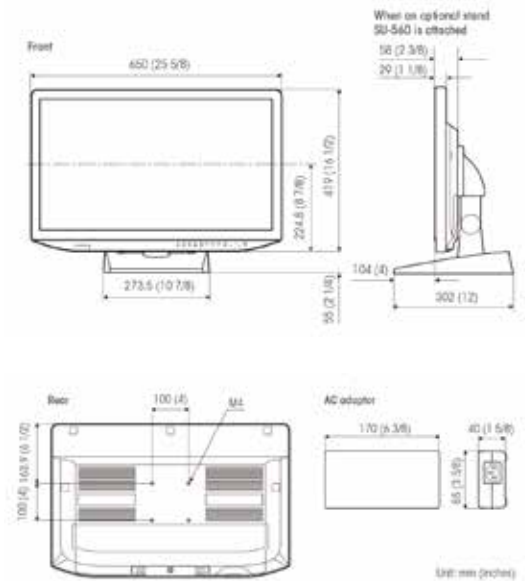
Specifications

	LMD-2765MD	LMD-2760MD
Panel	a-Si TFT Active Matrix LCD	
Picture Size (Diagonal)	27 inches (686 mm) (69 cm)	
Effective Picture Size (H x V)	597.9 x 336.3 mm (23 5/8 x 14 1/2 in.)	
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	
Y/C Input	Mini-DIN 4-pin (x1) Y: 1.0 Vp-p (75W) C: 0.286 Vp-p (75W, NTSC burst) 0.3 Vp-p (75W, PAL burst)	–
RGB Input	Via HD-15 connector (D-sub 15-pin)³ 0.7 Vp-p (75Ω) (when Sync On Green, 0.3 Vp-p sync)	–
Composite Input	Via HD-15 connector (D-sub 15-pin)³ Y: 1.0 Vp-p (75Ω) (including 0.3Vp-p sync) Pb: 0.7 Vp-p (75Ω), Pr: 0.7 Vp-p (75Ω)	–
DVI-D Input	DVI-D (x2) TMDS single link	
SDI Input	BNC (x2)	
HD15 Input	D-sub 15-pin (x1) RGB: 0.7 Vp-p (75 W) H/V Sync: Total level (polarity free) Plug & Play function : corresponds to DDC2B	–
External Sync Input	Via HD-15 connector (D-sub 15-pin)³ 0.3 Vp-p to 4.0 Vp-p (75 W)	–
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), 24V DC (output impedance 0.05 ohms or less)	
DVI-D Output	DVI-D (x1)	
SDI Output	BNC (x1)	
5V DC Output	(x1), up to 1.2 A	
Power Requirements	LCD monitor: DC Input: 24 V, 6.25 A AC adaptor: AC IN: 100 ~ 240 V, 50/60 Hz, 2.5 A - 1 A	
Power Consumption	Approx. 102 W (max.)	
Operating Temperature	0°C to 35°C (32°F to 95°F) (Recommended: 20°C to 30°C (68°F to 86°F))	
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 Pressure	700 hPa to 1060 hPa	
Dimensions (W x H x D)	650×419×58 (25 5/8 x 16 1/2 x 2 3/8 inches) (Slimmest D 29mm)	
	650 x 474 x 302 mm (25 5/8 x 18 3/4x 12 inches) (w/ SU-560 optional stand)	
Mass	Approx. 8.5kg (18.75 lb.)	
Supplied Accessories	AC adaptor (1), AC power cord (1), Before Using This Unit (1), CD-ROM (1), Sales Companies Guide(1), Warranty book (1)	

Certification and Standards

Safety
US/CA: UL 60601-1, CAN/CSA-C22.2 No. 60601-1, EU: EN 60601-1

EMC
US/CA: FCC Part 15 Class A, ICES-003 Class A, EU: EN 60601-1-2
AU: EN 55011 Class B, J: VCCI Class A

CB Certification
IEC 60601-1, IEC 60065

Medical Compliances

FD&C Act (FDA)
Class II Medical Device

MDD (EC)
Class I Medical Device

For more details on compliance issues, please contact your nearest Sony office or an authorized dealer.

SU-560
Monitor Stand

SMF-405
RGB/HD-15 Single Cable

³ Needs SMF-405 sold separately.