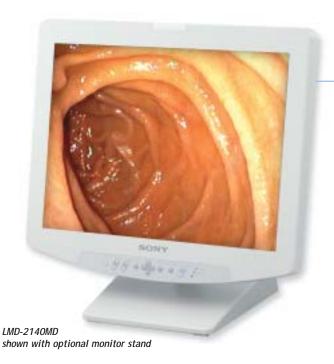
LMD-2140MD LCD Monitor

The Sony LMD-2140MD is a medical-grade 21-inch*1 LCD monitor, optimized for video endoscopy applications.

The LMD-2140MD incorporates a superb-quality LCD panel that provides an extremely high level of brightness, contrast, and color depth. The use of Sony's original X-Algorithm^{*2} technology allows natural reproduction of video images, which is often difficult to achieve on typical LCD monitors. In addition, this monitor provides significant versatility with a variety of signal input capabilities for analog or digital, SD or HD, and DVI-D, as well as user-friendly operational conveniences, such as its User Memory functionality.

All of these features, together with a compact and light design, make the Sony LMD-2140MD the monitor of choice in video endoscopy cart installations.



- Excellent picture reproduction
- High clarity panel
- Versatile inputs

- Operational convenience
- Compact and lightweight
- VESA mounting on a cart, the wall or ceiling

*2 X-Algorithm is used for 180/60i and 575/50i signals only



BKM-255DV

SU-560

Specifications

		LMD-2140MD	
PICTURE P	ERFORMANCE		
LCD Panel:	Туре	a-Si TFT Active Matrix LCD with an AR-coated protection panel	
	Resolution (H x V)	1024 x 768 dots	
	Picture Size (H x W) Diagonal	Approx. 430 x 322 mm (17 x 12 3/4 inches) Approx. 537 mm (21 1/4 inches)	
	Aspect	4:3	112
	Colors	16,770,000 colors	-88 + × -
	Viewing Angle (H/V)	170° / 170° typical	Front Panel
INPUT/OU	TPUT		77077 43107
Input:	Composite	BNC (x1) / 1.0 Vp-p ±3 dB, sync negative	
	R/G/B	0.7 Vp-p, 75 ohms, sync positive (when G channel is sync negative, the internal sync can be used 0.3 Vp-p)	
	Y/C	4pin Mini DIN (x1) / Y: 1.0 Vp-p ±3 dB, sync negative C: 0.286Vp-p ±3 dB (NTSC) / 0.3 Vp-p ±3 dB (PAL)	
	Component/RGB	BNC (x3)	
	Component	Y: 1.0 Vp-p ±3 dB / Pb. Pr: 0.7 Vp-p ±3 dB	(
	RGB	G: 0.7 Vp-p ±3 dB, sync on G 0.3 Vp-p / B: 0.7 Vp-p ±3 dB / R: 0.7 Vp-p ±3 dB	
	Ext. Sync.	BNC (x1) / 0.3 ~ 4 Vp-p ±bipolarity ternary or negative / polarity binary	Connector Panel
Computer:	DVI-D	TMDS (single link)	
	Analog RGB	HD D-sub 15pin (female) / 0.7 Vp-p 75 sync positive (R, G, B)	
Remote	Parallel	Modular 8pin (assignable)	
	Serial	RS-232C (serial remote), D-sub 9pin	
Output:	Composite	BNC (x1), loop-through, automatic, 75 termination	The same of the same of
	Y/C	4pin Mini DIN (x1), loop-through, automatic, 75 termination	
	Component/RGB	BNC (x3), loop-through, automatic, 75 termination	
	Ext. Sync.	BNC (x1), loop-through, automatic, 75 termination	(40)
GENERAL			
Power Consumption		Maximum: Approx. 100 W (With 2x BKM-255DV) Standard: Approx. 92 W (Without optional input adaptor)	
Power Requirement		AC 100 to 240V ±10%, 50/60Hz	
Operating Temperature		0 to 40 degrees Celsius (32 to 104 degrees Fahrenheit)	SU-560 Monitor Stand
Operating Humidity		30 to 85% (no condensation)	
Dimensions (W x H x D)		505 x 444 x 119 mm (20 x 17 3/8 x 4 3/4 inches)	
Safety / EMC		UL 2601-1, CSA 22.2 No.60601.1, EN 60601-1, FCC-A, IC-A CE (MDD)-B, C-Tick, VCCI-A, JEIDA	
Mass		Approx. 9.8kg with 2 x BKM-255DV (21 lbs 10 oz)	
SUPPLIED ACCESSORIES		AC Power cord (1) • AC plug holder (2) • Operating Instructions (1) • CD-ROM (1) • Warranty card (1) • Using the CD-ROM Manual (1) • Interface Manual for Programmers (1) • Quick Reference (1) • "When You First Use the Monitor" Manual (1) • Sales Companies Guide (1)	SONY
OPTIONAL	ACCESSORIES		
BKM-227W / 229X		NTSC/PAL Input Adaptor / Analog Component Input Adaptor	Sony Electronics Inc. 1 Sony Drive, Park Ridge, NJ 07656
BKM-220D		SDI 4:2:2 Input Adaptor	. Sony Brivo, Fair Riago, No 07000
BKM-243HS		HD SDI & SDI Input Adaptor	www.sony.com/medical
RKM-255DV		DV Input Adaptor	

DV Input Adaptor

Monitor Stand