EJ-MLA32U-W / EJ-MLA37U-W 32", 37" Class Full HD Widescreen Medical Monitor





Display of High Quality Vivid Medical Images



- Designed and certified for medical operating room environment
- User selectable picture-in-picture or picture-out-of-picture
- Side-by-side display of 2 HD images; independent adjustment of each
- Three simultaneous screen display possible, such as surgical image, vital signs, etc.
- Multiple HD inputs are standard, no need to purchase optional input board(s)

Panasonic ideas for life

In-Plane-Switching Technology (IPS-Pro)

The new Panasonic medical displays implement the latest evolution of In-Plane-Switching technology, IPS-Pro, which provides excellent color images with a very high contrast ratio from almost all viewing angles.

Consistent Performance

Medical imaging applications require highly consistent performance and accurate image reproduction. IPS-Pro substantially improves viewing angle, brightness, contrast, black levels and switching speed, producing the best solution on the market for multimodality medical imaging.

Accurate Image Reproduction

When viewed from a wide angle, a monitor with non IPS-Pro display will exhibit a poor contrast and inaccurate colorimetry. In a non-medical environment, this performance limitation is not critical, but in medical imaging systems, color accuracy is vital and aids medical professionals during surgery. IPS-Pro TFT technology defeats the restrictions of conventional LCD display technology in terms of wide viewing angle, contrast ratio, brightness, and color accuracy.





The IPS-Pro LCD provides beautiful and natural images even when viewing from a wide angle (from either side and above or below the display)



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	EJ-MLA37U-W	EJ-MLA32U-W
General		
POW (Internal)	AC100-120/200-240V±10% 50/60Hz	
POW Consumption	100V-240V /1.5A-0.68A	100V-240V /1.44A-0.64A
Dimensions (HxWxD)	539 x 896 x 117 mm	473 x 776 x 114 mm
Weight	20kg	15 kg
Cabinet Color	White	
Image Specifications		
Size (Diagonal)	37.0"	31.5"
LCD Panel	IPS-Pro	
View Area	819mm x 461mm	698mm x 393mm
Aspect Ratio	16:9	
Pixel	1920 x 1080	
Number of Colors	16.77 million	
View Angle	V: 178° H: 178°	
Luminance	400 cd/m2 (typ.)	
Contrast	1000:1 (typ.)	
Response Speed Rise: Black->White Fall: White->Black	8ms (typ.) / 6ms (typ.)	
Features		
IPS	Wide view angle with IPS panel	
HD Dual Input	HD-SDI 2 input/DVI-D 2 input: Independent display mode	
Triple Display	Dual display (PIP POP) / Triple display (PIP POP)	
Reverse Display	180°/90°/270° rotation	
Still Mode	Temporary still mode	
OSD Language	English/Spanish	
Input		
HD/SD-SDI	2 input, BNC x 2	
DVI-D	2 input, 24 pin x 2 Input 1: with HDCP Input 2: without HDCP	
HD15	1 input, Dsub 15 pin	
Y/Pb/Pr/RGBS	1 input, BNC x 5, Y/G, Pb/B, Pr/R, CSYNC/HD, VD	
Video	1 input, BNC x 1	
Y/C	1 input, miniDIN 4 pin x 1	
Output		
HD/SD-SDI	2 output,	BNC x 2
DVI-D	1 output without HDCP	
Y/Pb/Pr/RGBS	1 output, BNC x 5, Y/G, Pb/B, Pr/R, CSYNC/HD, VD	
Video	1 output, BNC x 1	
Y/C	1 output, miniDIN 4 pin x 1	
Remote		
RS232C	1 connector	; Dsub 9 pin
GPI	1 (GPI
Frequency		
Frequency	Horizontal: 31.4 ~ 75kHz	z, Vertical: 56.2 ~ 85.1Hz
Dot Clock	25.1 ~ 1	162MHz
Signal Level		
HD/SD-SDI	800mV	± 10%
DVI-D	TMDS si	ingle link
HD15	R/G/B: 0.7Vpp, HD/VD: TTL	
Y/Pb/Pr/RGBS	R/G/B: 0.7Vpp, HD/VD: TTL, Y	: 1Vpp, Pb: 0.7Vpp, Pr: 0.7Vpp
Video	1 V	/pp
Y/C	Y: 1Vpp, C: 0.286Vpp (NTSC	C Burst), 0.3Vpp (PAL Burst)
Mounting		
VESA	200 x 200mm	
Compliance		
UL60601-1, FCC part 15 Class A		
Attachment		
AC Cord	Ye	es
	Yes (English/Spanish)	

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