

Separate Type LUMA Monitors (Studio Type)

The separate type LUMA monitors represent the pinnacle of the LUMA Series. Consisting of high-grade LCD panels used together with a dedicated MEU-WX2 Multiformat Engine unit* – which provides a rich set of interfaces – they offer SD and HD multi-format capability as well as PC input capability. These monitors are furnished with the features and quality to replace CRT monitors at the Sony PVM-L5 range.



LMD-322WS



LMD-232WS



LMD-212S



LMD-172WS



LMD-152S

Flexible Choice of LCD Display Panels

Five LCD display sizes are available. Each LCD display uses one MEU-WX2 signal-processing unit for display parameter control and signal interface.

Panel Types

	Panel Aspect Ratio	Panel Size*	Desk-top Stand	Mounting	
				19-inch Rack	Mounting Holes (MM)
LMD-322WS	Wide	31.6-inch	SPMTR/C or SU-559	Not applicable	330 x 330 hooks
LMD-232WS	Wide	23-inch	SU-558	Not applicable	VESA™ 75 x 75
LMD-212S	4:3	21.2-inch	SU-558	Optional MB-523	VESA 75 x 75
LMD-172WS	Wide	16.7-inch	SU-558	Optional MB-522A	VESA 75 x 75
LMD-152S	4:3	15.1-inch	SU-558	Optional MB-524	VESA 75 x 75

* Viewable area measured diagonally.

Flat LCD Panel with Separate Signal-processing Unit

The separate type LUMA monitors consist of extremely thin and lightweight LCD displays, and a highly advanced signal-processing unit (MEU-WX2 Multiformat Engine Unit). This 'separate unit' design offers two significant benefits – it allows the LCD display to be made as thin and as lightweight as possible, and enables flexible placement of display controls and interface connectors. The LCD display and Multiformat Engine Unit are connected via a single multi-pin cable*, up to 10 meters long (optional), which avoids having multiple cables hanging from the LCD displays themselves. The optional SU-558 monitor stand has a biaxial joint in its neck assembly, allowing the LCD displays to be positioned at various heights and tilt angles.

* The LMD-232WS, LMD-212S, LMD-172WS, and LMD-152S are supplied with one 1.8-meter cable, and the LMD-322WS with one 3.0-meter cable.

* One MEU-WX2 Multiformat Engine Unit is included with each LMD-322WS/232WS/212S/172WS/152S

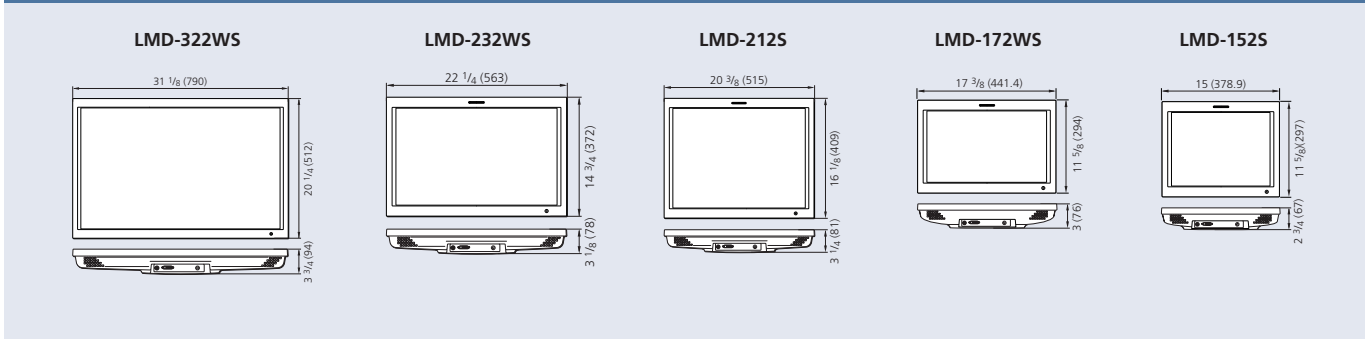
Separate Type (Studio Type)



Picture Performance											
Type	a-Si TFT Active Matrix LCD with a multi-layer AR-coated protection panel										
Resolution	1280 x 768 dots			1024 x 768 dots			1280 x 768 dots		1024 x 768 dots		
Pixel efficiency	99.99%										
Dot pitch	0.537 x 0.537 mm		0.3915 x 0.3915 mm		0.420 x 0.420 mm		0.284 x 0.284 mm		0.297 x 0.297 mm		
Picture Size (H x W) (Diagonal)	Approx. 27 1/8 x 16 1/5 inches (687 x 412 mm) 31 5/8 inches (802 mm)		Approx. 19 3/4 x 11 7/8 inches (501 x 301 mm) 23 inches (584 mm)		Approx. 17 x 12 3/4 inches (430 x 323 mm) 21 1/4 inches (538 mm)		Approx. 14 3/8 x 8 5/8 inches (364 x 218 mm) 16 3/4 inches (424 mm)		Approx. 12 x 9 inches (304 x 228 mm) 15 inches (380 mm)		
Aspect	15:9				4:3		15:9		4:3		
Colors	16,770,000 colors										
Viewing Angle	85°/85°/85°/85° (typical) (up/down/left/right contrast>10:1)										
Input											
Display Input connector	DVI-D										
Digital input	DVI-D										
Dot clock	25.175 MHz	68.250 MHz	25.175 MHz	68.250 MHz	25.175 MHz	65.000 MHz	25.175 MHz	68.250 MHz	25.175 MHz	65.000 MHz	
Scanning Frequency	Horizontal	31.469 kHz	47.396 kHz	31.469 kHz	47.396 kHz	31.469 kHz	48.363 kHz	31.469 kHz	47.396 kHz	31.469 kHz	48.363 kHz
	Vertical	59.940 Hz	59.995 Hz	59.940 Hz	59.995 Hz	59.940 Hz	60.004 Hz	59.941 Hz	59.995 Hz	59.941 Hz	60.004 Hz
General											
Power Consumption	Approx. 120 W		Approx. 65 W		Approx. 84 W		Approx. 53 W		Approx. 29 W		
Power requirement	AC 100 to 240 V ±10%, 50/60 Hz		DC 16.5 V		DC 16.5 V		DC 16.5 V/12V		DC 16.5 V/12 V		
Operating Temperature	32 to 95 °F (0 to 35 °C)										
Operating Humidity	30 to 80% (no condensation)										
Storage & Transport Temperature	-14 to 104 °F (10 to 40 °C)										
Storage & Transport Humidity	0 to 80%										
Operating/Storage/Trans. Pressure	700 to 1060 hPa										
Dimensions (W x H x D)	31 1/8 x 20 1/4 x 3 3/4 inches * (790 x 512 x 94 mm) *		22 1/4 x 14 3/4 x 3 1/8 inches * (563 x 372 x 78 mm) *		20 3/8 x 16 1/8 x 3 1/4 inches * (515 x 409 x 81 mm) *		17 3/8 x 11 5/8 x 3 inches * (441 x 294 x 76 mm) *		15 x 11 5/8 x 2 7/8 inches * (379 x 297 x 70 mm) *		
Weight	Approx. 38 lb 13 oz (Approx. 17.6 Kg)** Approx. 108 lb 22 oz (Approx. 49.6 Kg)***		Approx. 14 lb 2 oz (Approx. 6.4 Kg)** Approx. 25 lb 9 oz (Approx. 11.6 Kg)***		Approx. 15 lb 7 oz (Approx. 6.7 Kg)** Approx. 26 lb 4 oz (Approx. 11.9 Kg)***		Approx. 10 lb 9 oz (Approx. 4.8 Kg)** Approx. 21 lb 1 oz (Approx. 10.0 Kg)***		Approx. 8 lb 13oz (Approx. 4.0 Kg)** Approx. (Approx. 9.2 Kg)***		
Supplied Accessories	AC cord, AC plug holder, Display interface cable, Warranty card, Operating instructions				Display interface cable, Warranty card, Operating instructions						

* without the optional monitor stand and not including the projection parts ** without the optional SU-558 monitor stand, SU-559 for LMD-322WS *** with the optional SU-558 monitor stand, SU-559 for LMD-232WS

Dimensions



Unit: inches (mm)