




LUMA Series Monitor Line-up

Input Signal Chart

Entry-Level Type

	LMD-2030W	NEW LMD-1530W	LMD-9020
Model No.			
PANEL Type	α-Si TFT Active Matrix		
Picture Size*1	20-inch (Viewable area, measured diagonally)	15.3-inch (Viewable area, measured diagonally)	8.4-inch (Viewable area, measured diagonally)
Picture Resolution	1680 x 1050 pixels	1280 x 768 pixels	640 x 480 pixels
Panel Aspect Ratio	16:10	15:9	4:3
Colors	Approx. 16.7 million colors		
INPUT/OUTPUT CAPABILITY	HD (Digital/Analog)/ SD (Digital/Analog)		HD (Analog)/ SD (Analog)
Acceptable Computer System	DVI Input Signals via HDMI		No
ANALOG VIDEO			
Composite	BNC x 1 (IN), BNC x 1 (OUT*2)		BNC x 2 (IN), BNC x 2 (OUT*2)
Y/C	4-pin Mini-DIN x 1 (IN), 4-pin mini-DIN x 1 (OUT*2)		
Component/RGB	BNC x 3 (IN), BNC x 3 (OUT*2), RCA Phono Jack x 1 (IN), RCA Phono Jack x 1 (OUT*2)		BNC x 3 (IN), Mini Jack x 1 (IN)
External Sync	BNC x 1 (IN), BNC x 1 (OUT*2)		BNC x 1 (IN)
DIGITAL INTERFACE			
SD-SDI Input	BKM-320D, RCA Phono Jack x 1 (IN)		No
HD-SDI Input	No		No
SDI with Audio Decoding	No		No
HDMI	Yes		No
DVI-D	DVI Input Signals via HDMI		No
Option Board	D-sub 9-pin x 1, (BKM-320D IN)		No
Control			
Parallel	Modular 8-pin x 1		
Audio			
Audio Input/Output	RCA Phono Jack x 1 (IN), RCA Phono Jack x 1 (OUT*2)		Mini Jack x 2 (IN), Mini Jack x 1 (OUT), Headphone x 1
Built-in Speaker Out	0.5 W Mono		
Features			
Signal Processing	8 bit		
Marker	Aspect, Center		
Color Temperature	High, Low, User		
Closed Caption	No		
Aspect Switch	16:9, 4:3		
Scan	-3%, 5%		-3%, 0%, 5%
Blue Only	Yes		
H/V Delay	No		
Tally	3-Color		
EIA 19-inch Rack Mounting	MB-529	MB-533	MB-525, MB-528
VESA Mounting	100 x 100 mm		No
Desk-top Stand	Supplied		
Li-ion Battery Operation	No		Yes
DC Operation	No		Yes
Application	MED* EDU COR CC GOV ENT SYS FAC	EDU COR CC GOV	FAC

*1 Viewable area, measured diagonally. *2 Loop-Through, Automatic Termination.

LMD-2030W, LMD-1530W, LMD-9020 Video Input

System	Input Signal			Interface			
	Total Line	Active Line	Aspect Ratio	Composite Y/C	RGB Component	SD-SDI	HDMI
				Standard	Standard	Optional BKM-320D	Standard
Model				LMD-2030W LMD-1530W LMD-9020	LMD-2030W LMD-1530W LMD-9020	LMD-2030W LMD-1530W	LMD-2030W LMD-1530W
575/50i (PAL)	625	575	16:9/4:3	○	○	○	○*3
480/60i (NTSC)*1	525	483	16:9/4:3	○	○	○	○*4
576/50P	625	576	16:9/4:3	-	○	-	○
480/60P	525	483	16:9/4:3	-	○	-	○
1080/24P*1	1125	1080	16:9	-	○*2	-	○
1080/25P	1125	1080	16:9	-	○*2	-	○
1080/30P*1	1125	1080	16:9	-	○*2	-	○
1080/50i	1125	1080	16:9	-	○*2	-	○
1080/60i*1	1125	1080	16:9	-	○	-	○
720/50P	750	720	16:9	-	○*2	-	○
1080/60P*1	750	720	16:9	-	○	-	○




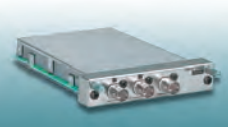










*1 The frame rate is also compatible with 1/1.001 frame rates. *2 Component signals only. *3 720 (1440) x 576i @ 50 Hz. *4 720 (1440) x 480i @ 59.94/60 Hz.

LMD-2030W, LMD-1530W DVI Input Signals

Resolution	Dot clock (MHz)	fH (kHz)	fV (Hz)	LMD-2030W	LMD-1530W
720 x 400 70Hz	28.322	31.469	70.087	○	○
800 x 600 56Hz	36.000	35.156	56.250	○	○
800 x 600 60Hz	40.000	37.879	60.317	○	○
1024 x 768 60Hz	65.000	48.363	60.004	○	○
1280 x 768 60Hz	79.500	47.776	59.870	-	○
1360 x 768 60Hz	85.500	47.712	60.015	○	-

* A DVI conversion cable is required.

Optional Accessories

 BKM-250TG NEW 3G/HD/SD-SDI Closed Caption Adaptor (for LMD-2451W only)	 BKM-244CC HD/SD-SDI Closed Caption Adaptor (for high-grade type)	 BKM-243HS HD/SD-SDI Input Adaptor (for high-grade type)	 BKM-220D SD-SDI 4:2:2 Input Adaptor (for high-grade type)	 BKM-229X Analog Component Adaptor (for high-grade type)	 BKM-227W NTSC/PAL Input Adaptor (for high-grade type)
 SU-561 Mounting Stand (for LMD-1750W)	 MB-529 Mounting Bracket (for LMD-2050W and LMD-2030W)	 MB-530 Mounting Bracket (for LMD-1750W)	 MB-531 NEW Mounting Bracket (for LMD-940W)	 MB-532 NEW Mounting Panel (for LMD-940W)	 VF-510 NEW ENG Kit (Viewing Hood, Carrying Handle and Connector Protector) (for LMD-940W)
 BKM-320D SD-SDI Input Adaptor (for LMD-2030W and LMD-1530W)	 MB-533 NEW Mounting Bracket (for LMD-1530W)	 MB-525 Mounting Bracket (for LMD-9020)	 MB-528 Mounting Panel (for LMD-9020)	 VF-509 ENG Kit (Viewing Hood, Carrying Handle and Connector Protector) (for LMD-9020)	

Application Icons

MED Medical Education/Record Keeping	EDU Education	COR Corporate	CC Content Creation	GOV Government
SEC Security	ENT Entertainment	SYS System Integrator	FAC Factory	



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