

24 LVM Series *HD/SD Multi-Format LCD Monitors*

Specifications

LVM Series					
		LVM-071W	LVM-091W	LVM-171WP	LVM-172W
Input	1 x DVI-I	DVI IN / VGA IN	DVI IN / VGA IN	DVI IN / VGA IN	DVI IN / VGA IN
	1 x HDMI	-	-	HDMI Input	-
	3 x BNC	Analog Input	Analog Input	Analog Input	Analog Input
	2 x BNC	-	SDI A/B Channel Input	SDI 2 Channel Input	SDI A/B Channel Input
	1 x BNC	SDI 1 Channel Input	-	-	-
Output	3 x BNC	-	-	Analog Loop Through Output	Analog Loop Through Output
	2 x BNC	-	-	SDI 2 Channel Output	-
	1 x BNC	SDI Channel Output	SDI A/B Selected Channel Output	-	SDI A/B Selected Channel Output
Input Signal	Analog	Composite / S-Video / Component / RGB			
	HD-SDI	1.485Gbps			
	SD-SDI	270Mbps			
	HDMI			720p/1080i & VESA/IBM Modes	-
	DVI-Analog	640×480 / 800×600 / 1024×768 / 1280×1024 / 720×400		640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 1366 x 768 / 720×400	
	DVI-Digital (Graphic)	640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400			
DVI-Digital (Video)	1080p (24/25/30/50/60)/1080i (50/60)/720p (50/60)/480i (60)/480p (60)/576i (50)/576p (50)				
Analog Input Spec	Composite	1.0Vpp (With Sync)			
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)			
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb,Pr)			
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B,R)			
SDI Input Signal Formats	SMPTE-274M	1080i (60 / 59.94 / 50)			
		1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)			
	SMPTE-296M	720p (60 / 59.94 / 50)			
	SMPTE-372M**			Ⓜ Dual HD-SDI YPbPr (4:2:2)	-
				Ⓜ Dual HD-SDI YPbPr/RGB (4:4:4)	-
	SMPTE-260M	1035i (60 / 59.94)			
	SMPTE-125M	480i (59.94)			
ITU-R BT.656	576i (50)				
2K Format	2048 X 1080 (23.98psf / 24psf / 23.98p / 24p)				
Audio IN		Embedded Audio	Embedded Audio	Embedded Audio	Embedded Audio
		Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)
Audio OUT		Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)
		Internal Speaker(Mono)	Internal Speaker(Stereo)	Internal Speaker(Stereo)	Internal Speaker(Stereo)
LCD	Size	7"	9"	17"	17"
	Resolution	800 x 480 (15:9)	800×480 (15:9)	1366x768(16:9)	1366x768(16:9)
	Dot Pitch	0.190 mm	0.246×0.246 mm	0.273x0.273 mm	0.273x0.273 mm
	Color	16.7M(true), 24bit	16.7M(true), 24bit	16.7M(true), 24bit	16.7M(true), 24bit
	Viewing Angle	H : 130 degrees	H : 170 degrees	H : 178 degrees	H : 178 degrees
	(Typical)	V : 115 degrees	V : 170 degrees	V : 178 degrees	V : 178 degrees
	Luminance of White	350cd (center)	350cd (center)	350cd (center)	350cd (center)
	Contrast	300:1	350:1	900:1	900:1
Display Area	152 x 91 mm	196.8 x 118.08 mm	372.9×209.6 mm	372.9×209.6 mm	
Power	12V DC	12V/24V DC	AC100~240V / DC 12V/DC 24 V	AC100~240V / DC 12V/DC 24 V	
Power Consumption (Approx.)	12 Watts(DC)(Max)	24 Watts(DC)(Max)	60 Watts(Max)	60 Watts(Max)	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	-10°C to 50°C (14°F to 122°F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-30 °C to 50 °C (-22 °F to 122 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20°C to +60°C (-4 °F to 140 °F)	-20°C to +60°C (-4 °F to 140 °F)	
Main Body Dimensions (mm/inch)	203 x 131 x 60 (8.39 x 5.16 x 2.36)	223×175×70 (8.78×6.89×2.76)	427 x310x90.5 (16.81 x12.2 x 3.56)	427 x310x90.5 (16.81 x12.2 x 3.56)	
Main Body Dimensions (with stand)	217 x 143 x 69 (8.54 x 5.63 x 2.72)	260×194.2×100 (10.24×7.65×3.94)	474 x 327 x 150 (18.66 x 12.87 x 5.97)	474 x 327 x 150 (18.66 x 12.87 x 5.97)	
Weight	1Kg / 2.2 lb	2.8Kg / 6.17lb	7.0Kg / 15.4 lb	7.0Kg / 15.4 lb	
Accessory	DC Power Adapter / Camera Mount	DC Power Adapter / Camera Mount	AC Power Cord	AC Power Cord	
Option	19" Rack Mountable Kit (3U) (Dual Monitor)	19" Rack Mountable Kit (4U) (Dual Monitor)	Carrying Case / V-mount / Hood-Handle 19" Rack Mountable Kit (7U) / Dual-Link / ND Filter	Carrying Case / V-mount / Hood-Handle 19" Rack Mountable Kit (7U) / ND Filter	

* Above specifications may be changed without notice

** SMPTE-372M mode is an option : Ⓜ 1080p (50 / 59.94 / 60)
Ⓜ 1080i (29.97 / 25 / 24 / 23.98)
1080p (30 / 29.97 / 25 / 24 / 23.98)
720p (60 / 59.94 / 50)



Specifications

					
LVM-241WL	LVM-242W	LVM-322W	LVM-401W	LVM-461W	LVM-571W
DVI IN / VGA IN	DVI IN / VGA IN	DVI IN / VGA IN		DVI IN / VGA IN	
HDMI IN	-	-		HDMI IN	
Analog Input	Analog Input	Analog Input		Analog Input	
SDI 2 Channel Input	SDI A/B Channel Input	SDI A/B Channel Input		SDI 2 Channel Input	
-	-	-		-	
Analog Loop Through Output	Analog Loop Through Output	Analog Loop Through Output		Analog Loop Through Output	
SDI 2 Channel Output	-	-		SDI 2 Channel Output	
-	SDI A/B Selected Channel Output	SDI A/B Selected Channel Output		-	
Composite / S-Video / Component / RGB					
1.485Gbps					
270Mbps					
720p/1080i & VESA/IBM Modes	-			720p/1080i & VESA/IBM Modes	
640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400 (LVM-322W:1366 x 768)					
640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400 / 1600×1200 / 1920×1200 / 1920×1080					
1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)					
1.0Vpp (With Sync)					
1.0Vpp (Y With Sync), 0.286 Vpp (C)					
1.0Vpp (Y With Sync), 0.7 Vpp (Pb,Pr)					
1.0Vpp (G With Sync), 0.7 Vpp (B,R)					
1080i (60 / 59.94 / 50)					
1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)					
720p (60 / 59.94 / 50)					
Ⓞ Dual HD-SDI YPbPr (4:2:2)	-			Ⓞ Dual HD-SDI YPbPr (4:2:2)	
Ⓞ Dual HD-SDI YPbPr/RGB (4:4:4)	-			Ⓞ Dual HD-SDI YPbPr/RGB (4:4:4)	
1035i (60 / 59.94)					
480i (59.94)					
576i (50)					
2048 X 1080 (23.98psf / 24psf / 23.98p / 24p)					
Embedded Audio	Embedded Audio	Embedded Audio	Embedded Audio	Embedded Audio	Embedded Audio
Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)
Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)
Internal Speaker(Stereo)	Internal Speaker(Stereo)	-	-	-	-
24"	24"	32"	40"	46"	57"
1920×1200 (16:10)	1920×1200 (16:10)	1366×768 (16:9)	1920×1080 (16:9)	1920×1080 (16:9)	1920×1080 (16:9)
0.27 mm	0.27 mm	0.51 mm	0.461 mm	0.53 mm	0.651 mm
16.7M(true), 24bit	16.7M(true), 24bit	1Billion(true), 30bit	16.7M (True), 24bit	16.7M (True), 24bit	16.7M (True), 24bit
H : 178 degrees	H : 178 degrees	H : 178 degrees	H : 178 degree	H : 178 degree	H : 178 degree
V : 178 degrees	V : 178 degrees	V : 178 degrees	V : 178 degree	V : 178 degree	V : 178 degree
500cd (center)	500cd (center)	500cd (center)	450 cd (Center)	450 cd (Center)	600 cd (Center)
800:1	800:1	1100:1	1000 : 1	1000 : 1	1200 : 1
518×324 mm	518×324 mm	697×382 mm	885.60×498.15 mm	1018×572 mm	1251.36×703.89 mm
AC 100 - 240V / DC 24V	AC 100 - 240V / DC 24V	AC 100 - 240V	AC 100 - 240 V	AC 100 - 240 V	AC 100 - 240 V
112 Watts(Max)	112 Watts(Max)	135 Watts(Max)	290 Watts(Max)	349 Watts(Max)	516 Watts(Max)
0°C to 35°C (32°F to 95°F)	0°C to 35°C (32°F to 95°F)	0°C to 35°C (32°F to 95°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
552 x 389 x 95 (21.73 x 15.31 x 3.74)	552 x 389 x 95 (21.73 x 15.31 x 3.74)	805x499x106 (31.69 x 19.6 x 4.18)	990.6×589.6×111.8 (39.0×23.2×4.4)	1126.6×670.7×103.8 (44.4×26.4×4.1)	1370×807×120 (54.0×31.8×4.7)
586 x 417 x 150 (23.07 x 16.41 x 5.90)	586 x 417 x 150 (23.07 x 16.41 x 5.90)	805x553x255 (31.69 x31.8x10.03)	990.6×642.7×255 (39.0×25.3×10.0)	1126.6×723.8×255 (44.4×28.5×10)	1370×857.7×350 (54.0×33.8×13.8)
11Kg / 24.2 lb	11Kg / 24.2 lb	26Kg / 57.3 lb	35Kg / 77.2 lb	42Kg / 92.6 lb	57Kg / 125.66 lb
AC / DC Power cord	AC / DC Power cord	AC Power cord	AC Power Cord	AC Power Cord	AC Power Cord
Carrying Case / 19" Rack Mountable Kit Dual-Link / ND Filter	Carrying Case / 19" Rack Mountable Kit / ND Filter	Carrying Case	Carrying Case / WALL mount Dual-Link / ND Filter	Carrying Case / WALL mount Dual-Link / ND Filter	Carrying Case / WALL mount Dual-Link / ND Filter

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** SMPTE-372M mode is an option : Ⓞ 1080p (50 / 59.94 / 60)
 Ⓞ 1080i (29.97 / 25 / 24 / 23.98)
 1080p (30 / 29.97 / 25 / 24 / 23.98)
 720p (60 / 59.94 / 50)

