

17 and 19 Inch L-Series LCD Monitors

HMLCD17LX AND HMLCD19LX

Honeywell's HMLCD17LX and HMLCD19LX LCD monitors are designed specifically for the security industry to provide high resolution display of computer signals and/or composite video. The combination of robust features, good performance, and exceptional value comes together to deliver excellent video in a variety of applications. Because they consume less power, last longer, and generate less heat than convention CRT monitors, LCD monitors are more cost-effective over long term use.

These 17 and 19 inch monitors have colour LCD panels with a thin film transfer (TFT) active matrix. The monitors automatically adapt to the appropriate input resolution up to 1280 x 1024. The HMLCD17LX provides 1 x BNC, 1 x RCA and 1 x VGA inputs. The HMLCD19LX provides 2 x BNC, 1 x S-Video, 1 x VGA inputs and 1 x BNC looping output. These support the use of digital video recorders (DVRs) and PC applications. This multimode functionality—combined with a quick panel response time to minimise ghosting in motion video, and high brightness and contrast ratio—makes these monitors ideal for applications requiring a VGA display with composite video capabilities.

They feature a rugged desktop stand and VESA-compliant mounting holes to easily adapt to different wall and ceiling mounts. They automatically detect and display the correct video format (NTSC or PAL) and are powered by an auto-ranging power supply. Adjustments of standard monitor display parameters are made using user-friendly on-screen menus and front panel controls.

Market Opportunities

With composite and VGA inputs, they are the perfect choice to pair with any embedded or PC-based digital video recorder and is a direct replacement for both CRT and PC monitors. Because they have a small form factor that efficiently maximises the viewing area, it's perfect for use in confined viewing areas.

Features:

- Resolution, SXGA 1280 x 1024
- Brightness, 300 cd/m²
- Contrast ratio, 500:1
- Response time, 8 ms
- Analogue RGB (15-pin DB-type) input
- 1 BNC and 1 RCA composite video inputs (HMLCD17LX)
2 BNC and 1 RCA composite video inputs (HMLCD19LX)
- 1 BNC looping video output (HMLCD19LX only)
- Two built-in speakers
- Convenient front-panel controls
- Power failure function provides auto turn-on in case of power failure
- VESA DDC mounting compliant



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SPECIFICATIONS

Video		Mechanical	
Video Standard	NTSC / PAL - auto select	Dimensions (W x H x D)	HMLCD17LX: 400 mm x 385 mm x 160 mm HMLCD19LX: 430 mm x 425 mm x 160 mm
Input Signal Video	Composite: 0.6~1 Vp-p @75 ohm Y: 1.0 Vp-p C: 0.3 Vp-p	Weight	HMLCD17LX: Unit: 5.0 kg, Shipping: 7.0 kg HMLCD19LX: Unit 5.35 kg, Shipping: 7.3 kg
Horizontal Frequency	PC: 31K~81 kHz Video: 15750 Hz NTSC (15625 Hz PAL)	Construction	Housing: Hi-impact plastic Finish: Black matte
Vertical Frequency	PC: 56~75 Hz Video: 60 Hz NTSC (50 Hz PAL)	Connectors	Video Inputs: HMLCD17LX 1 x BNC, 1 x RCA, 1 x VGA (15 pin D-sub)
Audio Speaker	2 x 2.0 W / 8 ohm		Video Inputs: HMLCD19LX 2 x BNC, 1 x RCA, 1 x VGA (15 pin D-sub) Video out (looping): 1 x BNC
Resolution	SXGA 1280 x 1024		Audio Inputs: HMLCD17LX 2 x RCA (L+R, 1 set) 1 x PC Audio, Ø 3.5 mm Jack
Pixel Type	Active Matrix TFT		Audio Inputs: HMLCD19LX 2 x S-Video (L+R, 1 set) 2 x RCA56 (L+R, 1 set) 1 x PC Audio, Ø 3.5 mm Jack
Pixel Dimension	0.264 x 0.264 (HMLCD17LX) 0.294 x 0.294 (HMLCD19LX)		Power Input: 5.5 x 2.1 mm barrel connector, centre positive
Display Colours	16.7 million colours		
Brightness	300 cd/m ²		
Contrast Ratio	500:1		
Response Time	8 ms		
Display Ratio	4:3		
Viewing Angle	L/R: 70/70° U/D: 70/60° (HMLCD17LX) U/D: 75/60° (HMLCD19LX)		
Electrical		Environmental	
Input Voltage	100~240 VAC, 50/60 Hz	Temperature	Operating: 5° to 40° C Storage: -20° to 60° C
Operating Voltage	12 VDC from power supply (included)	Relative Humidity	20% to 85%
Power Consumption	50 W (maximum); <5 W standby	Regulatory	
Audio Power	2 x 2W	Emissions	FCC: Part 15, Class B CE: EN 55022 Class B
Audio Input Level	-8 dBm	Immunity	CE: EN 50130-4 6100-4-3
Controls		Safety	UL/C-UL: UL60950-1 CE: TUV-GS EN60950-1 CCC: GB4943
On Screen Display (OSD)	Auto Config, Brightness, Contrast, Colour-Temp, Position, Image Quality, Menu	Accessories	
OSD Languages	English, French, Italian, Spanish, German, Traditional Chinese	HMLCDTM	Tilting wall mount, VESA standard
Front Panel Controls	Auto/Enter, Power, Menu, Up, Down	HMLCDCM	Ceiling mount, VESA standard
		HMLCDARM	Articulating arm mount, VESA standard
		HMLCDFM	Fixed wall mount, VESA standard

Ordering	
HMLCD17LX	17" L-Series LCD monitor, NTSC/PAL, UK and Continental Europe power cord
HMLCD19LX	19" L-Series LCD monitor, NTSC/PAL, UK and Continental Europe power cord

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

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