LCD Monitors

Honeywell

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e-Series

SOURCE   MENU   DOWN   UP   VOL -/   VOL /+   ⏻
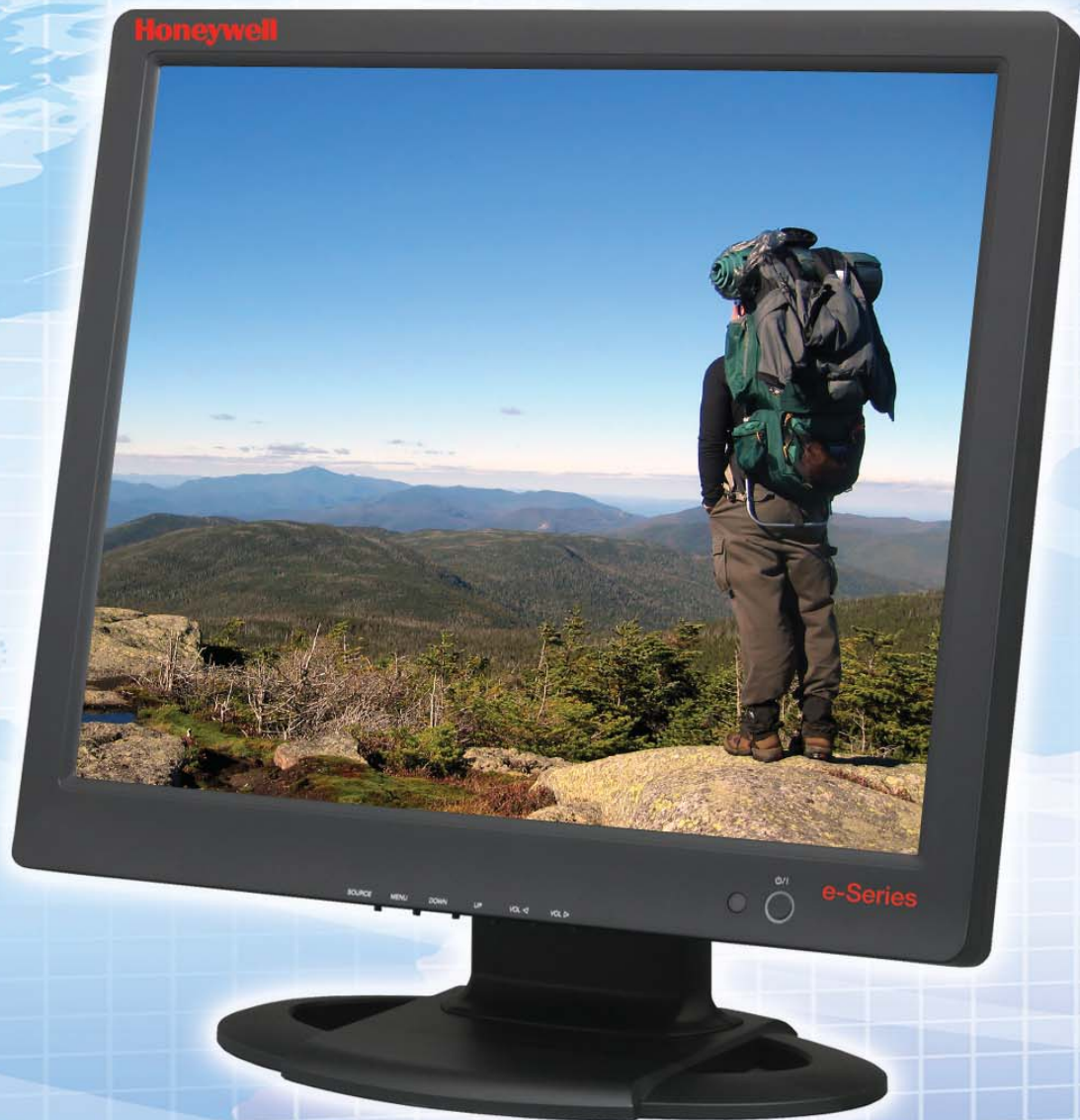
ENJOY THE VIEW

New 17" and 19" e-Series
LCD Monitors

e-Series LCD Monitors

Enjoy the view

You invest so much in a cutting-edge surveillance system to protect your facility. Doesn't it make sense to get the best monitor available so you can utilise that system to its fullest capacity? Today's high resolution cameras capture the smallest detail in a scene, but if the image on your monitor is fuzzy and unclear, you may not be taking full advantage of your system's performance. Get the clearest, sharpest images possible with our new e-Series LCD monitors — and enjoy the view.

Our second generation of e-Series LCD monitors are available in both 17 and 19 inch screen sizes: HMLCD17E2X and HMLCD19E2X. Both are designed specifically for the video surveillance market to provide superior image quality and long life. They are engineered to provide fluid full motion video provided by fast pixel response time and crisp images by incorporating 3D Comb filtering and de-interlacing. Picture quality, sleek design, and versatile mounting options make them an ideal LCD monitor for DVR and small matrix system installations.

The convenient front panel controls allow the user to maximise image quality using the on-screen display (OSD) menu, which can be programmed with one of five languages. The control buttons are bottom mounted for increased protection and have excellent tactile feel and allow rapid adjustment of all monitor settings. The 300 cd/m2 panel delivers flicker-free video.

Protective glass enhances contrast and reduces the potential of screen damage. Auto power turn-on restores operation in case of power loss. The remote control permits quick adjustments of all monitor settings, even for monitors mounted in hard-to-reach places. The 100 mm VESA™ DDC compliant mounting features permits the user to attach them to any standard mount.

Features

- High resolution, SXGA 1280 x 1024
- High brightness, 300 cd/m2
- High contrast ratio, 1000:1
- Fast response time, <5 ms
- 3D comb filter and de-interlace for crisp, sharp picture
- 2 sets of looping BNC Composite inputs
- 1 set of looping S-Video input

- Analogue RGB (15-pin DB-type) input
- 2 in-built speakers
- Five language OSD display
- Convenient front-panel controls
- Remote control
- Power failure function provides auto turn-on in case of power failure
- VESA™ DDC mounting compliant

Benefits

- Lower operating costs because of:
  - Substantial energy savings
  - Longer lifespan
- Crisp, clear images and smearless motion to watch high-speed movement
- Improved flexibility in installation - wider viewing angle and bottom facing connectors permit flush mounting to a wall

e-Series LCD Monitors

Reduced cost of ownership

Because they offer lower energy consumption and more than double the useful screen life compared to a CRT display, our second generation e-Series monitors offer measurable financial savings over the lifespan of the product. This translates to a reduced total cost of ownership—an important factor in today's rising cost of maintaining effective security.

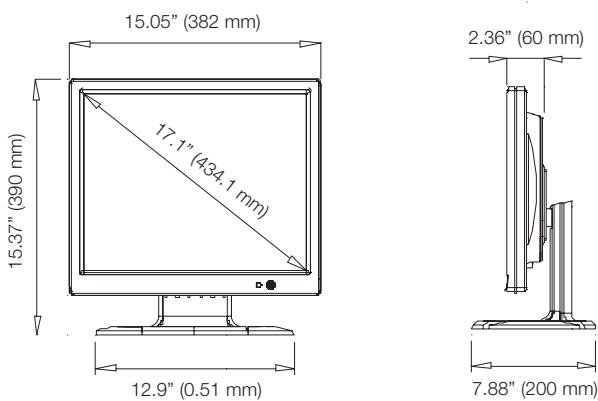|	19" LCD Display	21" CRT Monitor
Electrical Consumption	36 watts	67 watts
Cost of Consumption*	£22.08	£41.08
Average Life	50000 hours	20000 hours
Average years before replacement	5.7	2.3

* Based upon 8760 hours (24hrs for 365 days) use per year at 7p/kWh
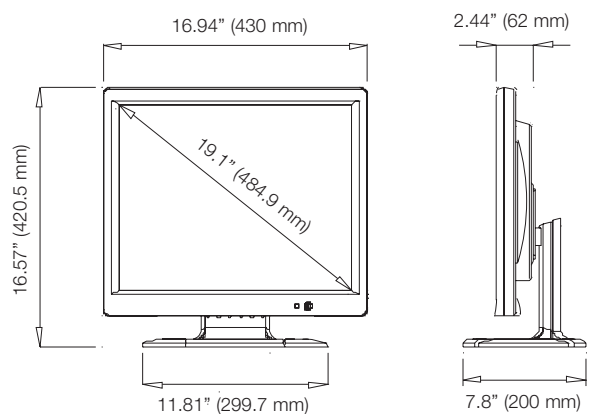
Market opportunities

The new e-Series monitors deliver excellent high resolution video for a variety of applications. With S-Video, BNC and VGA inputs, this monitor is a direct replacement for both CRT and VGA monitors. LCD monitors are more cost effective long term because they consume less power, last longer, reduce HVAC requirements and require less space. Perfect for use in confined viewing areas, they have a small form factor but efficiently maximise the viewing area.

Dimensions

HMLCD17E2X

15.05" (382 mm)
2.36" (60 mm)
17.1" (434.1 mm)
15.37" (390 mm)
12.9" (0.51 mm)
7.88" (200 mm)

HMLCD19E2X

16.94" (430 mm)
2.44" (62 mm)
19.1" (484.9 mm)
16.57" (420.5 mm)
11.81" (299.7 mm)
7.8" (200 mm)

e-Series LCD Monitors

Specifications

Video	
Video Standard	NTSC / PAL - auto select
Input Signal Video	Composite: 0.5~2 Vp-p @75 ohm Y: 1.0 Vp-p C: 0.3 Vp-p
Horizontal Frequency	PC: 31K~64 kHz Video: 15750 Hz NTSC (15625 Hz PAL)
Vertical Frequency	PC: 55~75 Hz Video:60 Hz NTSC (50 Hz PAL)
Audio Speaker	2 x 2.0 W / 8 ohm
Resolution	SXGA 1280 x 1024
Pixel Type	Active Matrix TFT
Pixel Dimension	0.264 x 0.264 (HMLCD17e2) 0.294 x 0.294 (HMLCD19e2)
Display Colours	16.7 million colors
Brightness	300 cd/m2
Contrast Ratio	1000:1
Response Time	<5 ms
Display Ratio	4:3
Viewing Angle	L/R: 80°/80° U/D: 80°/80°

Electrical	
Input Voltage	100~240 VAC, 50/60 Hz
Operating Voltage	12 VDC from power supply (included)
Power Consumption	36 W (maximum); <5 W standby
Audio Power	2 x 2W
Audio Input Level	-8 dBm

Controls	
On Screen Display (OSD)	Input Source, Screen, Audio, OSD, Colour (PC Mode), Utility, Exit
OSD Languages	English, French, German, Italian , Spanish
Front Panel Controls	Source, Menu, Down, Up,Vol <, Vol >, Power

Mechanical	
Dimensions (W x H x D)	382 mm x 390 mm x 200 mm (HMLCD17e2) 430 mm x 428 mm x 200 mm (HMLCD19e2)
Weight	Unit: 5.9 kg (HMLCD17e2) 6.6 kg (HMLCD19e2) Shipping: 7.7 kg (HMLCD17e2) 8.43 kg (HMLCD19e2)
Construction	Housing: Hi-impact plastic Finish: Black matte
Connectors	Video Inputs: 2 x BNC, 1 x S-Video, 1 x VGA (15 pin D-sub)
	Video out (looping): 2 x BNC, 1 x S-Video
	Audio Inputs: 2 x RCA (L+R, 1 set) 1 x PC Audio, Ø 3.5 mm Jack
	Power Input: 4 pin DIN

Environmental	
Temperature	Operating: 5° to 40° C Storage: -20°C to 60°C
Relative Humidity	20% to 85%

Regulatory	
Emissions	FCC: Part 15, Class B CE: EN 55022
Immunity	CE: EN 61004-3
Safety	UL: 60065 CE: EN 60065

Accessories	
HMLCDTM	Tilting wall mount, VESA standard
HMLCDCM	Ceiling mount, VESA standard
HMLCDARM	Articulating arm mount, VESA standard

Ordering	
HMLCD17E2X	17" e-Series LCD Colour Monitor
HMLCD19E2X	19" e-Series LCD Colour Monitor

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

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