

# HMLCD19

19" Color LCD Display



**HMLCD19**

## Features:

- Provides 500 TV lines and 1280 x 1024 XGA resolution
- 1 S-Video and 1 composite inputs
- 1 audio and 1 PC line input
- Automatic NTSC/PAL scan system selectable
- Universal Power Source: 100-240VAC
- On-screen display (OSD) control
- Desktop or wall mount option
- UL, CE and FCC compliant

Honeywell's HMLCD19 TFT color LCD display features a 19.0" viewable active matrix LCD screen, with outstanding 1280 x 1024 pixel resolution. The LCD panel produces distortion-free images and minimizes glare compared to traditional CRT-type monitors.

When used in PC based applications, the HMLCD19 provides connection points for VGA, PC sound, and headphones when connected to a computer. CCTV

applications are supported by input connections for audio, Y/C (S-Video) and composite video sources, while providing a flicker free viewing experience not normally experienced with traditional CRT-type monitors.

Similar to traditional CRT-type monitors, you will find easy to access front panel OSD display controls including direct contrast, brightness, volume and mute control buttons along with single

button source selection for quick and easy adjustments.

The increasing use of PC based products in CCTV security applications makes the HMLCD19 an ideal choice for those who demand the best viewing solution without taking up valuable space.

# HMLCD19

## Specifications:

### Electrical

- Scan System: Automatic NTSC/PAL
  - Horizontal: 31.5 ~ 60KHz
  - Vertical: 56~75 Hz
- Video Connectors
  - Video Inputs: RCA
  - Y/C (S-Video): 4-pin mini DIN
  - VGA Input: D-Sub 15 pin
- Audio Inputs: PC Audio (mini Jack)/Video Audio (RCA)
- Power Adapter: AC Input: 100 to 240V ~ 1.8A, 50-60Hz
- DC Output: 12V
- Power Cord: Detachable, IEC
- Power Consumption: 48W (Max)
- Display Mode: VGA/SVGA/XGA
- Display Colors : 16 million colors

### Mechanical

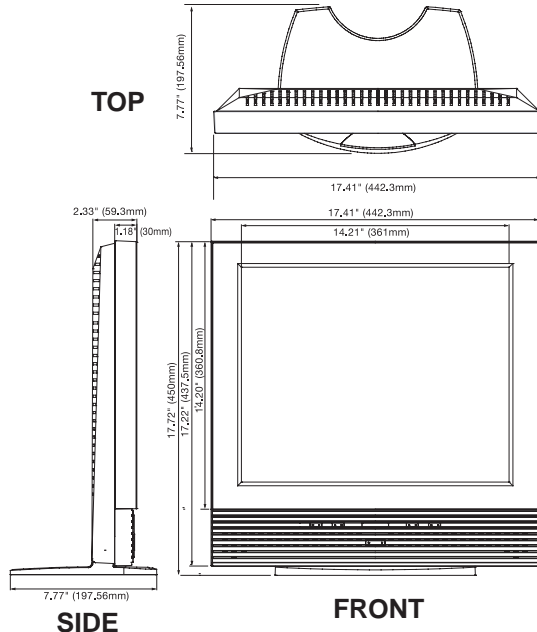
- LCD Panel Display
  - Type : TFT Color XGA
  - Viewable Area: 19" Diagonally
- Pixel Pitch: 0.298mm (H) x 0.294mm (W)
- Resolution (Max): 500 TV lines; 1280 x 1024 pixels(75Hz)
- Aspect Ratio: 4:3
- Internal Speakers: 2
- Front Controls: Power On/Off with LED, Source, Menu/SEL, Auto/Exit, Mute, Volume, Contrast, Brightness
- OSD: Auto image, Contrast, Brightness, H/V position, H size, Phase, Color balance/temperature, Input selection, Hue and Sharpness, Menu position, Language selection
- Dimensions: 17.41W x 17.72 H x 7.77D in (442.3W x 450H x 197.56D mm)
- Weight: 18.3lb (8.3kg)

### Optical Characteristics

- Luminance: 250 cd/m<sup>2</sup>
- Contrast Ratio: 500:1
- Viewing Angle : 85° horizontal, 85° vertical

### Environmental

- Ambient Temperature
  - Operating: 32°F to 104°F (0°C to 40°C)
  - Storage: 14°F to 122°F (-10°C to 50°C)
- Ambient Humidity
  - Operating: 30% to 80%
  - Storage: 5% to 90%



### VGA Timing Modes:

Character Mode	Pixel Freq.	Horizontal Timing				Vertical Timing			
		Sync Polar	Freq.	Total	Active	Sync Polar	Freq.	Total	Active
640x350 @70Hz	25.151	P	31.44	800	640	N	70.02	449	350
720x400 @70Hz	28.295	N	31.44	900	720	P	70.02	449	400
640x480 @60Hz	25.175	-	31.47	800	640	-	59.94	525	480
640x480 @67Hz	30.240	-	35.00	864	640	-	66.67	525	480
640x480 @72Hz	31.500	-	37.86	832	640	-	72.81	520	480
640x480 @75Hz	31.500	-	37.50	840	640	-	75.00	500	480
800x600 @56Hz	36.000	-	35.16	1024	800	-	56.25	625	600
800x600 @60Hz	40.000	-	37.88	1056	800	-	60.32	628	600
800x600 @72Hz	50.000	-	48.08	1040	800	-	72.19	666	600
800x600 @75Hz	49.500	-	46.88	1056	800	-	75.00	625	600
832x624 @74Hz	57.285	-	49.73	1152	832	-	74.55	667	624
1024x768 @60Hz	65.000	-	48.36	1344	1024	-	60.00	806	768
1024x768 @70Hz	75.000	-	56.48	1328	1024	-	70.07	806	768
1024x768 @72Hz	75.235	-	57.70	1304	1024	-	72.30	798	768
1024x768 @75Hz	78.750	-	60.02	1312	1024	-	75.03	800	768
1152x864 @60Hz	88.566	-	54.00	1640	1152	-	60.00	900	864
1152x864 @70Hz	93.930	-	62.62	1500	1152	-	69.58	900	864
1152x864 @75Hz	108.000	-	67.50	1600	1152	-	75.00	900	864
1280x960 @60Hz	108.000	-	60.00	1800	1280	-	60.00	1000	960
1280x1024 @60Hz	108.000	-	63.98	1688	1280	-	60.02	1066	1024
1280x1024 @67Hz	119.995	-	70.75	1696	1280	-	67.00	1056	1024
1280x1024 @70Hz	124.995	-	74.40	1680	1280	-	69.99	1063	1024
1280x1024 @72Hz	134.626	-	77.91	1728	1280	-	72.00	1082	1024
1280x1024 @75Hz	135.001	-	79.98	1688	1280	-	75.03	1066	1024

Design and specifications subject to change without notice.

Honeywell Video Systems - [www.honeywellvideo.com](http://www.honeywellvideo.com)

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