

HMLCD17

17" Color LCD Display



HMLCD17

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 HMLCD17 TFT color LCD display features a 17.0" 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 HMLCD17 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 HMLCD17 an ideal choice for those who demand the best viewing solution without taking up valuable space.

HMLCD17

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

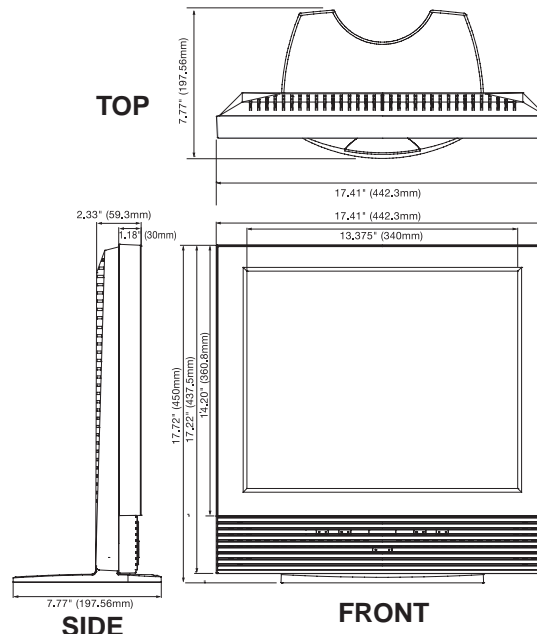
- LCD Panel Display
 - Type : TFT Color XGA
 - Viewable Area: 17" Diagonally
- Pixel Pitch: 0.264mm (H) x 0.264mm (W)
- Resolution (Max): 500 TV lines; 1280 x 1024 pixels(75Hz) 4:3
- Aspect Ratio: 4:3
- Internal Speakers: 2
- Front Controls: Power On/Off with LED, Source, Menu/SEL, Auto/Exit, Mute, Volume, 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: 14.5W x 14.5H x 6.7D in (368W x 367H x 171D mm)
- Weight: 15.7lb (7.1kg)

Optical Characteristics

- Luminance: 250 cd/m²
- Contrast Ratio: 350:1
- Viewing Angle : 70° horizontal, 60° 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

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