

# PMCL300 Series TFT LCD Monitor

## 17- AND 19-INCH OR 19-INCH WIDE, WITH MULTIMODE FUNCTIONALITY



### Product Features

- Space-Saving, Flat Panel Design
- Picture-Frame-Style Desktop Stand
- Looping Composite and S-Video Inputs
- RGB and DVI Input
- Supports up to 1280 x 1024 SXGA Resolution (PMCL317A, PMCL319A), 1440 X 900 Resolution (PMCL319W)
- Maximum Brightness of 300 cd/m<sup>2</sup>
- Maximum Contrast Ratio of 1000:1
- Maximum Response Time of 5 ms
- 100 to 240 VAC, 50/60 Hz Autoranging Internal Power Supply
- Low Power Consumption (<50 W)
- Internal Speakers
- Optional Rack, Wall, and Ceiling Mounts
- 3-Year Warranty



The **PMCL300 Series** TFT LCD monitors, designed specifically for the security industry, provide high-resolution display of computer signals and composite video. These monitors have a color LCD panel with a thin film transistor (TFT) active matrix. The monitors automatically adapt to the appropriate input resolution.

The **PMCL300 Series** provides looping composite (BNC) and S-Video inputs. Additionally, these models provide an RGB and DVI input to support the use of digital video recorders (DVRs) and PC applications. This multimode functionality, combined with a quick panel response time to minimize ghosting in motion video, ergonomic design, autoranging internal power supply, and low power consumption, makes the **PMCL300 Series** ideal for applications requiring an RGB and DVI display with composite video capabilities.

The **PMCL300 Series** features a folding picture-frame-style desktop stand, optional rack mount kits, and VESA®-compliant mounting holes to easily adapt to different wall and ceiling mounts.

These monitors automatically detect and display the correct video format (NTSC or PAL) and are powered by an internal autoranging power supply.

The **PMCL300 Series** uses four long-life CCFT (cold cathode fluorescent tube) backlights to maintain the brightness level over time, eliminating the brightness degradation common in aging CRT monitors.

Adjustments of standard monitor display parameters are made using user-friendly, on-screen menus and front panel controls.



# TECHNICAL SPECIFICATIONS

## MODELS

PMCL317A	17-inch (432 mm) active TFT LCD monitor
PMCL319A	19-inch (483 mm) active TFT LCD monitor
PMCL319W	19-inch (481 mm) wide TFT LCD monitor

## GENERAL

Viewing Area	
PMCL317A	338 x 270 mm
PMCL319A	376 x 301 mm
PMCL319W	408 x 255 mm
Pixel Pitch	
PMCL317A	0.264 x 0.264 mm
PMCL319A	0.294 x 0.294 mm
PMCL319W	0.284 x 0.284 mm
Brightness	300 cd/m <sup>2</sup>
Contrast Ratio	1000:1
Backlight Type	4 CCFL
Viewing Angle (H/V)	160°/160°
Response Time	5 ms
Native Resolution	
PMCL317A, PAMCL319A	1280 x 1024 SXGA
PMCL319W	1440 x 900 WXGA
Panel Aspect Ratio	
PMCL317A, PAMCL319A	5:4
PMCL319W	16:10
Panel Life	50,000 hours
Tilt	0° to 30°
Display Colors	16.7 million
Speakers	Integrated, 2 x 2 W
Front Panel Controls	Power, source/enter, menu/exit, up/down, vol +/-
Indicators	LED, power on/off

## ELECTRICAL

Power Consumption	<50 W
Input Voltage	100 to 240 VAC, 50/60 Hz
Input Interfaces	
Video	1 BNC, looping; 1 S-Video, looping; 1 RGB; 1 DVI
Audio	1 (L/R) RCA jack, looping; 1 PC
Horizontal Frequency	31 kHz to 80 kHz
Vertical Frequency	56 Hz to 75 Hz
Sync Format	NTSC/PAL

## ENVIRONMENTAL

Operating Temperature	32° to 104°F (0° to 40°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
Operating Humidity	20% to 80%, noncondensing
Storage Humidity	10% to 90%, noncondensing

## PHYSICAL

Dimensions	
PMCL317A	2.4" D x 14.9" W x 13.4" H (6.1 x 37.8 x 34.1 cm)
PMCL319A	2.4" D x 16.4" x W x 14.5" H (6.1 x 41.5 x 36.9 cm)
PMCL319W	2.4" D x 17.6" W x 12.7" H (6.1 x 44.7 x 32.2 cm)
Unit Weight	
PMCL317A	10.8 lb (4.9 kg)
PMCL319A	12.6 lb (5.7 kg)
PMCL319W	11.9 lb (5.4 kg)
Shipping Weight	
PMCL317A	16 lb (7.3 kg)
PMCL319A	18 lb (8.2 kg)
PMCL319W	17 lb (7.7 kg)

## RECOMMENDED MOUNTS

Wall Mounts	PMCL-WM, PMCL-WMT, PMCL-WM1A, PMCL-WM2A
Ceiling Mounts	PMCL-CM, PMCL-CMP
Rack Mounts	PMCL-17ARM, PMCL-19ARM, PMCL-19WRM (wide)

**Note:** The PMCL300 Series are VESA MIS-D, 100/75, C-compliant monitors equipped with a 100 x 100 mm mounting hole pattern.

## CERTIFICATIONS

- CE, Class B
- FCC, Class B
- UL/cUL Listed
- C-Tick
- S-Mark
- CCC

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