

# PMCL400 Series TFT LCD Monitor

## 17- AND 19-INCH MONITORS 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
- Maximum Brightness of 450 cd/m<sup>2</sup>
- Maximum Contrast Ratio of 1000:1
- 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
- Internal Speakers
- 3-Year Warranty



PMCL419A

The **PMCL400 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 **PMCL400 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 **PMCL400 Series** ideal for applications requiring an RGB and DVI display with composite video capabilities.

The **PMCL400 Series** features a folding picture-frame-style desktop stand, optional rack mount kits, and VESA®-compliant mounting holes to easily adapt to the available 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 **PMCL400 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 through user-friendly, on-screen menus and front panel controls.



# TECHNICAL SPECIFICATIONS

## MODELS

PMCL417A	17-inch (432 mm) active TFT LCD monitor
PMCL419A	19-inch (483 mm) active TFT LCD monitor

## GENERAL

Viewing Area	
PMCL417A	338 x 270 mm
PMCL419A	376 x 301 mm
Pixel Pitch	
PMCL417A	0.264 x 0.264 mm
PMCL419A	0.294 x 0.294 mm
Brightness	450 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	1280 x 1024 SXGA
Panel Aspect Ratio	5:4
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	2 BNC, looping; 1 S-Video, looping; 1 RGB; 1 DVI
Audio	2 (L/R) RCA, 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	
PMCL417A	2.4" D x 14.9" W x 13.4" H (6.1 x 37.8 x 34.1 cm)
PMCL419A	2.4" D x 16.4" x W x 14.5" H (6.1 x 41.5 x 36.9 cm)
Unit Weight	
PMCL417A	10.8 lb (4.9 kg)
PMCL419A	12.6 lb (5.7 kg)
Shipping Weight	
PMCL417A	16 lb (7 kg)
PMCL419A	18 lb (8 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

**Note:** The PMCL400 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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