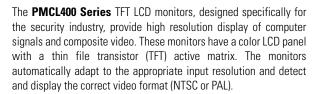# PMCL400 Series TFT LCD Monitor
17- AND 19-INCH MONITORS WITH MULTIMODE FUNCTIONALITY

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 for PMCL417HB of 380 cd/m^2; for PMCL419HB 450 cd/m^2

- 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 PMCL417HB <42 W; PMCL417HB <47 W

- Internal Speakers

- Optional Rack, Wall, and Ceiling Mounts

- 3-Year Warranty

PMCL417HB

PMCL419HB

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 file transistor (TFT) active matrix. The monitors automatically adapt to the appropriate input resolution and detect and display the correct video format (NTSC or PAL).

The **PMCL400 Series** provides looping composite (BNC) and S-Video inputs. Additionally, these models provide RGB and DVI inputs 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.

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

PMCL417HB	432 mm (17-inch) active TFT LCD monitor
PMCL419HB	483 mm (19-inch) active TFT LCD monitor

GENERAL

Viewing Area
- PMCL417HB — 338 x 270 mm
- PMCL419HB — 376 x 301 mm

Pixel Pitch
- PMCL417HB — 0.264 x 0.264 mm
- PMCL419HB — 0.294 x 0.294 mm

Brightness
- PMCL417HB — 380cd/m2
- PMCL419HB — 450cd/m2

Contrast Ratio	1000:1
Backlight Type	4 CCFL
Viewing Angle (H/V)	170°/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
- PMCL417HB — <42W
- PMCL419HB — <47W

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

PHYSICAL

Dimensions
- PMCL417HB — 6.1 x 37.8 x 34.1 cm (2.4" D x 14.9" W x 13.4" H)
- PMCL419HB — 6.1 x 41.5 x 36.9 cm (2.4" D x 16.4" x W x 14.5" H)

Unit Weight
- PMCL417HB — 4.9 kg (10.8 lb)
- PMCL419HB — 5.7 kg (12.6 lb)

Shipping Weight
- PMCL417HB — 7 kg (16 lb)
- PMCL419HB — 8 kg (18 lb)

RECOMMENDED MOUNTS

Wall Mounts	PMCL-WM, PMCL-WMT, PMCL-WM1A
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
- CCC
- GOST-R