PMCL300 Series TFT LCD Monitor

17-INCH, OR 19-INCH, OR 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 250 cd/m^2
- 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; (PMCL317B <25; PMCL319BL <27 W)
- Internal Speakers
- Optional Rack, Wall, and Ceiling Mounts
- 3-Year Warranty

PMCL319BL

PMCL317B

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. Using advanced backlight technology, the monitors automatically adapt to the appropriate input resolution and detect and display the correct video format (NTSC or PAL).

The **PMCL300 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 **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.

The **PMCL317B** uses two long-life CCFT (cold cathode fluorescent tube) backlights to maintain the brightness level over time, eliminating the brightness degradation common in aging CRT monitors. The **PMCL319BL** uses LED backlight technology.

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

TECHNICAL SPECIFICATIONS

MODELS

PMCL317B	432 mm (17-inch) active TFT LCD monitor
PMCL319BL	483 mm (19-inch) active TFT LCD monitor

GENERAL

Viewing Area
- PMCL317B — 338 x 270 mm
- PMCL319BL — 376 x 301 mm

Pixel Pitch
- PMCL317B — 0.264 x 0.264 mm
- PMCL319BL — 0.294 x 0.294 mm

Brightness	250 cd/m^2
Contrast Ratio	1000:1

Backlight Type
- PMCL317B — 2 CCFL
- PMCL319BL — LED

Viewing Angle (H/V)	170°/160°
Response Time	5 ms

Native Resolution
- PMCL317B, PMCL319BL — 1280 x 1024 SXGA

Panel Aspect Ratio
- PMCL317B, PMCL319BL — 5:4

Panel Life
- PMCL317B — 50,000 hours
- PMCL319BL — 30,000 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
- PMCL317B <25W
- PMCL319BL <27W

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	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
- PMCL317B — 6.1 x 37.8 x 34.1 cm (2.4" D x 14.9" W x 13.4" H)
- PMCL319BL — 6.1 x 41.5 x 36.9 cm (2.4" D x 16.4" x W x 14.5" H)

Unit Weight
- PMCL317B — 4.9 kg (10.8 lb)
- PMCL319BL — 5.1 kg (11.21 lb)

Shipping Weight
- PMCL317B — 16 lb (7.3 kg)
- PMCL319BL — 7.6 kg (16.8 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 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
- CCC
- GOST-R
- Energy Star Level V Compliant