

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/m²; for PMCL419HB 350 cd/m²
- 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; PMCL419HB <47 W
- Internal Speakers
- Optional Rack, Wall, and Ceiling Mounts
- 3-Year Warranty

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 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.



PMCL417HB

PMCL419HB

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 **PMCL417HB** uses four long-life cold cathode fluorescent tube (CCFT) backlights and the **PMCL419HB** uses long-life LED backlight 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.



by Schneider Electric



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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	380 cd/m ²
PMCL419HB	350 cd/m ²
Contrast Ratio	1000:1
Backlight Type	
PMCL417HB	CCFL
PMCL419HB	LED
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	<42 W
PMCL419HB	<47 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	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
- CU (PMCL419HB)
- GOST-R (PMCL417HB)

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