

# 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<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
- 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. 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 **PMCL300 Series** uses LED backlight technology. And adjustments of standard monitor display parameters are made through user-friendly, on-screen menus and front panel controls.



by Schneider Electric

International Standards  
Organization Registered Firm;  
ISO 9001 Quality System



C3993 / REVISED 4-01-14

# TECHNICAL SPECIFICATIONS

## MODELS

|           |   |
|-----------|---|
| PMCL317BL | 432 mm (17-inch) active TFT LCD monitor |
| PMCL319BL | 483 mm (19-inch) active TFT LCD monitor |

## GENERAL

|                      |  |
|----------------------|--|
| Viewing Area         |  |
| PMCL317BL            | 338 x 270 mm                                     |
| PMCL319BL            | 376 x 301 mm                                     |
| Pixel Pitch          |  |
| PMCL317BL            | 0.264 x 0.264 mm                                 |
| PMCL319BL            | 0.294 x 0.294 mm                                 |
| Brightness           | 250 cd/m <sup>2</sup>                            |
| Contrast Ratio       | 1000:1   |
| Backlight Type       |  |
| PMCL317BL            | LED  |
| PMCL319BL            | LED  |
| Viewing Angle (H/V)  | 170°/160°  |
| Response Time        | 5 ms   |
| Native Resolution    |  |
| PMCL317BL, PMCL319BL | 1280 x 1024 SXGA                                 |
| Panel Aspect Ratio   |  |
| PMCL317BL, PMCL319BL | 5:4  |
| Panel Life           |  |
| PMCL317BL            | 30,000 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    |  |
| PMCL317BL            | <21 W  |
| PMCL319BL            | <22 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 | 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      |  |
| PMCL317BL       | 6.1 x 37.8 x 34.1 cm<br>(2.4" D x 14.9" W x 13.4" H)   |
| PMCL319BL       | 6.1 x 41.5 x 36.9 cm<br>(2.4" D x 16.4" x W x 14.5" H) |
| Unit Weight     |  |
| PMCL317BL       | 4.9 kg (10.8 lb)                                       |
| PMCL319BL       | 5.1 kg (11.21 lb)                                      |
| Shipping Weight |  |
| PMCL317BL       | 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 Pending
- CU
- Energy Star Level VI Compliant

### Pelco by Schneider Electric

3500 Pelco Way, Clovis, California 93612-5699 United States

**USA & Canada** Tel (800) 289-9100 Fax (800) 289-9150

**International** Tel +1 (559) 292-1981 Fax +1 (559) 348-1120

**www.pelco.com** **www.pelco.com/community**

Pelco, the Pelco logo, and other trademarks associated with Pelco products referred to in this publication are trademarks of Pelco, Inc. or its affiliates. ONVIF and the ONVIF logo are trademarks of ONVIF Inc. All other product names and services are the property of their respective companies.

Product specifications and availability are subject to change without notice.  
©Copyright 2014, Pelco, Inc. All rights reserved.