



300 Series Flat Panel, TFT LCD Monitor

15-INCH, 17-INCH, 19-INCH MONITORS WITH MULTIMODE FUNCTIONALITY

Product Features

- Space-Saving, Flat Panel Design
- Picture Frame-Style Desktop Stand
- Looping Composite and S-Video Inputs
- VGA Input
- Supports up to 1280 x 1024 SXGA Resolution (PMCL319, PMCL317), 1024 x 768 Resolution (PMCL315)
- Maximum Brightness of 380 cd/m² (PMCL319), 400 cd/m² (PMCL317), 350 cd/m² (PMCL315)
- Maximum Contrast Ratio of 500:1
- Maximum Response Time of 12 ms (PMCL319, PMCL317), 16 ms (PMCL315)
- 100/240 VAC 60/50 Hz Autoranging Internal Power Supply
- Low Power Consumption (<50 Watts)
- Internal Speakers
- Optional Rack, Wall, and Camera Mounts

300 Series LCD monitors designed specifically for the security industry provide high-resolution display of computer signals and/or composite video. These 15-, 17-, and 19-inch monitors use a color thin film transfer (TFT) active matrix LCD panel that automatically adapts to the appropriate input resolution.

The **300 Series** provides looping composite (BNC) and S-Video inputs. Additionally, these models provide a VGA input to support the use of DVRs (digital video recorders) and PC applications. This multi-mode 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 **300 Series** ideal for applications requiring a VGA display with composite video capabilities.

The **300 Series** features a folding picture frame-style desktop stand, optional rack mount kits as well as VESA®-compliant mounting holes to easily adapt to the available wall mount.



These monitors automatically detect and display the correct video format (NTSC or PAL) and are powered by an internal autoranging power supply.

The **300 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 via user-friendly on-screen menus and front panel controls.



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International Standards
Organization Registered Firm;
ISO 9001 Quality System



TECHNICAL SPECIFICATIONS

MODELS

PMCL315	15-inch (304 mm) active TFT LCD monitor, multimode
PMCL317	17-inch (423 mm) active TFT LCD monitor, multimode
PMCL319	19-inch (483 mm) active TFT LCD monitor, multimode

GENERAL

LCD Panel Pixel Array	
PMCL315	1024 x 768, 75 Hz
PMCL317, PMCL319	1280 x 1024, 75 Hz

Note: Maximum VGA resolution is 1024 X 768 on the PMCL315 and 1280 X 1024 on the PMCL317 and PMCL319.

Panel Aspect Ratio	
PMCL315	4:3
PMCL317, PMCL319	4:3 composite, 5:4 VGA

Viewing Area	
PMCL315	304 x 228 mm
PMCL317	338 x 270 mm
PMCL319	376 x 301 mm

Pixel Pitch	
PMCL315	0.297 x 0.297 mm
PMCL317	0.264 x 0.264 mm
PMCL319	0.294 x 0.294 mm

Brightness	
PMCL315	350 cd/m ²
PMCL317	400 cd/m ²
PMCL319	380 cd/m ²

Contrast Ratio	500:1
Backlight Type	4 CCFL
Panel Lamp Life	40,000 hours

Viewing Angle (H/V)	
PMCL315	140°/125°
PMCL317	140°/130°
PMCL319	150°/130°

Tilt	<10° to >45°
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Display Colors	
PMCL315, PMCL317	16.2 million
PMCL319	16.7 million

Response Time	
PMCL315	16 ms
PMCL317, PMCL319	12 ms

Speakers	Integrated, 2 x 1.0 W
Front Panel Controls	Video input, menu (up, down, left, right), power, front panel lockout
Indicators	LED (power on, standby, sleep), on-screen ("no signal")
Tilt Angle/Swivel	0° to 20°

ELECTRICAL

Input Voltage	100-240 VAC, 50/60 Hz, internal power supply
Power Consumption	<50 W (on), <5 W (standby)
Input Interfaces	
Video	1, BNC, looping; 1, S-Video, looping, VGA
Audio	1 (L/R), RCA, looping
Horizontal Frequency	
PMCL315	30 kHz to 60 kHz
PMCL317, PMCL319	30 kHz to 80 kHz
Vertical Frequency	56 Hz to 75 Hz
Sync Format	NTSC/PAL autosensing

PHYSICAL

Dimensions	
PMCL315	13.7" W x 11.8" H x 2.9" D (34.7 x 29.9 x 7.4 cm)
PMCL317	15.0" W x 13.4" H x 3.2" D (38.1 x 34.1 x 8.0 cm)
PMCL319	16.6" W x 14.7" H x 3.3" D (42.1 x 37.4 x 8.3 cm)

Unit Weight	
PMCL315	9.6 lb (4.4 kg)
PMCL317	12.4 lb (5.6 kg)
PMCL319	14.5 lb (6.6 kg)

Shipping Weight	
PMCL315	13.0 lb (5.9 kg)
PMCL317	16.0 lb (7.3 kg)
PMCL319	19.0 lb (8.6 kg)

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 85% noncondensing
Storage Humidity	5% to 90% noncondensing

RECOMMENDED MOUNTS

- Wall mount kit PMCL-WM
- Rack mount kits PMCL-RM15, PMCL-RM17, PMCL-RM19

Note: The 300 Series are VESA MIS-D, 100/75, C-compliant monitors equipped with a 100 x 100 mm mounting hole pattern.

CERTIFICATIONS

- CE, Class B
- UL Listed
- UL Listed to Canadian safety standards
- FCC, Class B



DESKTOP STAND



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