

# PMCL600 Series Full High-Definition LED Monitors

## DESKTOP 21.5-INCH AND 24-INCH MONITORS

### Product Features

- Full High Definition 1920 x 1080 Resolution
- HDMI Digital Plus VGA, BNC Analog Inputs
- OSD Menu Selection of 16:9 Widescreen or 4:3 SD Aspect Ratio
- Bright LED Illuminated Panel with Ultra Wide (178°) Viewing Angle
- Built-in Stereo Speakers (8-inch x 2-inch) and Audio Amplifier
- Included Desk Stand is Easily Removable for 75 mm VESA Mounting
- Power Cord and VGA Cables Included
- Auto-on when VGA or HDMI DVR/NVR Video is Detected
- On-Screen Display (OSD) Languages: English, Spanish, German, French, Italian, and Chinese (simplified)
- 3-Year Warranty



PMCL622 & PMCL624

Pelco's **PMCL600 Series** monitors combine the latest technologies into a perfect complement to your investment in megapixel imaging and performance. Desktop full high-definition (FHD) monitors deliver 1920 x 1080 resolution and are specifically engineered to exceed the demands of surveillance operators.

High-definition displays adapt to the changing nature of security in control room design and efficiency. Pelco FHD monitors are an integral component of the modern control room, allowing you to customize and deliver the most efficient video configuration for your installation.

Individual monitors, as well as entire walls, can be configured to meet your security needs. Also, multiple video streams can be arranged on a single monitor to significantly reduce your installation's power requirements. Pelco's energy-conscious FHD displays use low-power components to meet regulatory compliance.

FHD monitors deliver optimal performance and the truest color reproduction available while retaining compatibility with Pelco and third-party megapixel cameras. The result is superior clarity and image recognition. When used with other, lower resolution camera systems, Pelco FHD displays can seamlessly scale down to 720p. This feature guarantees crisp, detailed images from all cameras.

FHD monitors have been designed to meet the global demands of complex security installations. Stringent testing of FHD monitor components ensures that around-the-clock, day-in and day-out operation does not degrade the image quality, but consistently maintains the superior performance that surveillance operators require.



by Schneider Electric

International Standards  
Organization Registered Firm;  
ISO 9001 Quality System



C4028 / NEW 10-19-16

# TECHNICAL SPECIFICATIONS

## GENERAL

|                               | <b>PMCL622<br/>21.5-Inch</b>                                 | <b>PMCL624<br/>24-Inch</b>                                |
|-------------------------------|--|---|
| Viewing Area                  | 476.64 mm (H) x 268.11 (V) mm                                | 527.04 (H) mm x 296.46 (V) mm                             |
| Number of Pixels              | 1920 (H) x 1080 (V)  | 1920 (H) x 1080 (V)                                       |
| Pixel Pitch                   | 0.25 (H) mm x 0.25 (V) mm                                    | 0.27 (H) mm x 0.27 (V) mm                                 |
| Brightness                    | 200 cd/m <sup>2</sup>  | 250 cd/m <sup>2</sup>                                     |
| Contrast Ratio                | 1000:1   | 1000:1  |
| Power Consumption             | <30 W  | <35 W   |
| Dimensions<br>(without stand) | 502.8 x 299.78 x 46.5 mm<br>(19.8 W x 11.8 L x 1.83 D in)    | 553.2 x 328.1 x 48.5 mm<br>(21.8 W x 12.92 L x 1.91 D in) |
| Dimensions<br>(with stand)    | 502.8 x 367.98 x 161.09 mm<br>(19.8 W x 14.49 L x 6.34 D in) | 553.2 x 396.3 x 161 mm<br>(21.78 W x 15.6 L x 6.34 D in)  |
| Weight                        |  |   |
| Unit                          | 2.97 kg (6.55 lb)  | 3.6 kg (7.9 lb)   |
| Unit (with stand)             | 3.12 kg (7.05 lb)  | 3.8 kg (8.4 lb)   |
| Speakers                      | 8 ohm 2 W/channel  | 8 ohm 2 W/channel   |

## GENERAL

|                     |   |
|---------------------|---|
| Backlight Type      | LED                                     |
| Refresh Rate        | 60, 70, 75 Hz (depending on resolution) |
| Viewing Angle (H/V) | 178°/178°                               |
| Response Time       | 5 ms                                    |
| Native Resolution   | 1920 x 1080 at 60 Hz                    |
| Optimum Resolution  |   |

| Interface | Resolution  | Refresh Rate      |
|-----------|-------------|-------------------|
| HDMI      | 1920 x 1080 | 60 Hz             |
|           | 1280 x 1024 | 60 Hz/70 Hz/75 Hz |
|           | 1024 x 768  | 60 Hz             |
|           | 800 x 600   | 60 Hz             |
|           | 640 x 480   | 60 Hz             |
| VGA       | 1920 x 1080 | 60 Hz             |
|           | 1280 x 1024 | 60 Hz/75 Hz       |
|           | 1024 x 768  | 60 Hz             |
|           | 800 x 600   | 60 Hz             |
|           | 640 x 480   | 60 Hz             |

|                           |   |
|---------------------------|---|
| Monitor Aspect Ratio      | 16:9                                    |
| Video Formats             | 480p, 1080i, 1080p                      |
| Panel Life                | 40,000 hours                            |
| Display Colors            | 16.7 million                            |
| Speakers                  | 8 ohm 2 W/channel                       |
| Front Panel Controls      | Power, left/right, up/down, menu, input |
| Indicators                | LED (power on/off)                      |
| VESA® Mounting Compliance | 75 x 75 mm                              |

## ELECTRICAL

|                      |                          |
|----------------------|--------------------------|
| Input Voltage        | 100 to 240 VAC, 50/60 Hz |
| Input Interfaces     |                          |
| Video Input          | BNC, HDMI, VGA           |
| Additional Input     | USB                      |
| Audio                | 3.5 mm stereo jack       |
| Horizontal Frequency | 15 kHz to 75 kHz         |
| Vertical Frequency   | 25 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    | 10% to 85%, noncondensing   |
| Storage Humidity      | 10% to 85%, noncondensing   |

# TECHNICAL SPECIFICATIONS

## PMODEL

|         |                              |
|---------|------------------------------|
| PMCL622 | 21.5-inch monitor (54.61 cm) |
| PMCL624 | 24-inch monitor (60.96 cm)   |

## RECOMMENDED ACCESSORIES

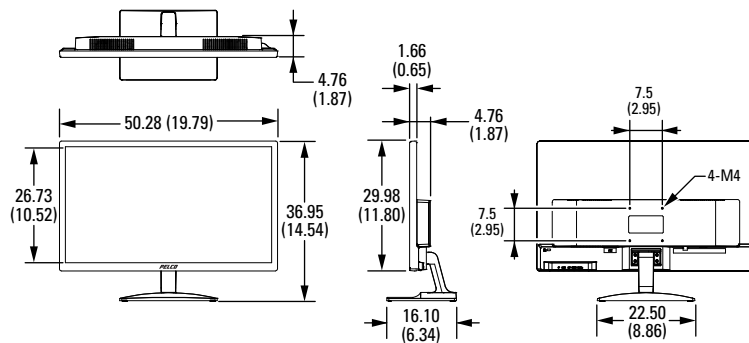
|           |                                   |
|-----------|-----------------------------------|
| PMCL-WM   | Wall mount                        |
| PMCL-WMT  | Tilt/swivel wall mount            |
| PMCL-WM1A | Tilt/swivel single-arm wall mount |
| PMCL-CM   | Ceiling mount                     |
| PMCL-CMP  | Ceiling mount with pole           |

## CERTIFICATIONS

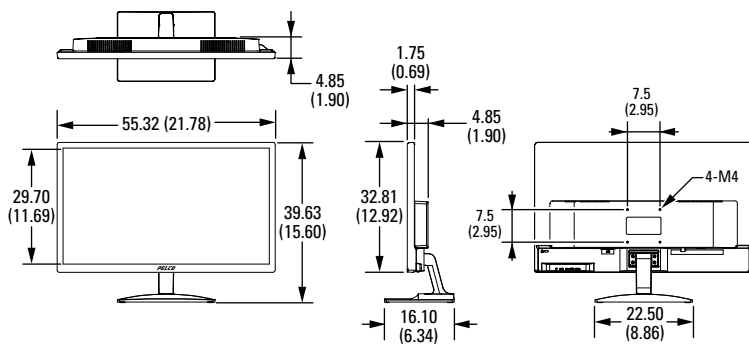
- CE, Class B
- FCC, Class B
- ICES-003, Class B
- UL/cUL Listed

 VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.

**PMCL622 600 SERIES 21.5" MONITOR**



**PMCL624 600 SERIES 24" MONITOR**



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