PMCL500BL Series LCD Monitors
32-, 42-, 46-, AND 55-INCH HIGH RESOLUTION MONITORS

Product Features

- LED Backlight Technology
- ENERGY STAR® Level 5.1 Compliant
- Full High-Definition 1920 x 1080p Resolution
- 6.5 ms Response Time (Typical)
- High Contrast Ratio
- Picture-In-Picture (PIP)
- 3D Comb Filter
- Looping BNC Output
- Video Wall Compatible
- 3-Year Warranty

Pelco’s PMCL500BL Series monitors combine the latest in LCD and LED technologies into a perfect complement to your investment in megapixel imaging and performance. These 32-, 42-, 46-, and 55-inch displays deliver 1920 x 1080p resolution and are specifically engineered to exceed the demands of surveillance operators.

Large format, high-definition displays adapt to the changing nature of security in control room design and efficiency. Pelco’s PMCL500BL Series 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 PMCL500BL Series monitors use low-power components to meet regulatory compliance.

PMCL500BL Series monitors deliver optimal performance and the truest color reproduction available while retaining compatibility with all cameras.

PMCL500BL Series monitors have been designed to meet the global demands of complex security installations. Stringent testing of the components of our PMCL500BL Series monitors ensures that around-the-clock, day-in and day-out operation does not degrade the image quality, yet consistently maintains the superior performance that surveillance operators require.

For additional product information go to pelco.com.
# TECHNICAL SPECIFICATIONS

## MODELS

<table>
<thead>
<tr>
<th></th>
<th>PMCL532BL 32-inch (813 mm)</th>
<th>PMCL542BL 42-inch (1,067 mm)</th>
<th>PMCL546BL 46-inch (1,168 mm)</th>
<th>PMCL555BL 55-inch (1,387 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Viewing Area</strong></td>
<td>698.4 x 392.8 mm</td>
<td>930.2 x 523.3 mm</td>
<td>1018.1 x 572.7 mm</td>
<td>1209.5 x 684 mm</td>
</tr>
<tr>
<td><strong>Number of Pixels</strong></td>
<td>1920 (H) x 1080 (V)</td>
<td>1920 (H) x 1080 (V)</td>
<td>1920 (H) x 1080 (V)</td>
<td>1920 (H) x 1080 (V)</td>
</tr>
<tr>
<td><strong>Pixel Pitch</strong></td>
<td>0.363 x 0.363 mm</td>
<td>0.485 x 0.485 mm</td>
<td>0.530 x 0.530 mm</td>
<td>0.630 x 0.630 mm</td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>350 cd/m² (typical)</td>
<td>500 cd/m² (typical)</td>
<td>500 cd/m² (typical)</td>
<td>450 cd/m² (typical)</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>3000:1</td>
<td>4000:1</td>
<td>4000:1</td>
<td>4000:1</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>120 W</td>
<td>150 W</td>
<td>160 W</td>
<td>170 W</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>76.7 x 745.2 x 439.4 mm</td>
<td>82.8 x 977.0 x 568.9 mm</td>
<td>82.8 x 1003.9 x 518.5 mm</td>
<td>82.8 x 1256.0 x 728.8 mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>12.5 kg (27.6 lb)</td>
<td>20 kg (44.1 lb)</td>
<td>22.6 kg (50.0 lb)</td>
<td>30.2 kg (66.6 lb)</td>
</tr>
<tr>
<td><strong>Shipping</strong></td>
<td>16.2 kg (35.7 lb)</td>
<td>28 kg (62.0 lb)</td>
<td>30.5 kg (67.2 lb)</td>
<td>39.6 kg (87.3 lb)</td>
</tr>
</tbody>
</table>

## GENERAL

- **Backlight Type:** LED
- **Refresh Rate:** 60 Hz
- **Viewing Angle (H/V):** 178°/178°
- **Response Time:** 6.5 ms (typical)
- **Native Resolution:** 1920 x 1080 at 60 Hz
- **Optimum Resolution (RGB mode):**
  - VGA: 640 x 480 at 56/60/72/75/85 Hz
  - SVGA: 800 x 600 at 60/70/75/85 Hz
  - XGA: 1024 x 768 at 60/75/85 Hz
  - SXGA: 1280 x 1024 at 60/75/85 Hz
  - WXGA: 1360 x 768 at 60 Hz
  - UXGA: 1600 x 1200 at 60 Hz
  - SDTV (480i/576i/480p/576p): 720 x 480 at 60 Hz, 720 x 576 at 50 Hz
  - HDTV (720p/1080i/1080p): 1280 x 720 at 50/60 Hz, 1920 x 1080 at 50/60 Hz, 1920 x 1080 at 50/60 Hz
- **Panel Aspect Ratio:** 16:9
- **Video Formats:** 480p, 576p, 720p, 1080i, 1080p
- **Panel Life:** 50,000 plus hours (typical)
- **Brightness:** 350 cd/m² (typical), 500 cd/m² (typical), 500 cd/m² (typical), 450 cd/m² (typical)
- **Contrast Ratio:** 3000:1, 4000:1, 4000:1, 4000:1
- **Power Consumption:** 120 W, 150 W, 160 W, 170 W
- **Dimensions (without stand):**
  - PMCL532BL: 698.4 x 392.8 mm
  - PMCL542BL: 930.2 x 523.3 mm
  - PMCL546BL: 1018.1 x 572.7 mm
  - PMCL555BL: 1209.5 x 684 mm
- **Display Colors:**
  - PMCL532BL, PMCL546BL, PMCL555BL: 1.07 billion
  - PMCL532BL: 16.7 million
- **PIP (Picture-in-Picture):** Selectable, sizeable, swappable, moveable
- **Back Panel Controls:** Menu, source, down/up, vol -/+ power
- **Indicators (front/back):** LED (power on/off)
- **Panel Surface:** Anti-glare

## 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 90%, noncondensing
- **Storage Humidity:** 10% to 90%, noncondensing

## ELECTRICAL

- **Input Voltage:** 100 to 240 VAC, 50/60 Hz
- **Input/Output Interfaces:**
  - Video: 1 S-video; 1 component video; 1 video in, 1 video out; 1 display port*, 1 HDMI; 1 DVI in; 1 VGA out, 1 VGA in
  - Audio: 1 audio out, L/R; 1 PC audio in; 2 audio in, L/R; 1 speakers, L/R
  - Control: 1 RS-232 input, 1 RS-232 output
- **Horizontal Frequency:** 31 KHz to 91 KHz
- **Vertical Frequency:** 56 Hz to 85 Hz
- **Sync Format:** NTSC/PAL

*Not available on PMCL532BL.

## RECOMMENDED MOUNTS

- PMCLNBWMT: Tilt wall mount
- PMCLNBWMF: Flat wall mount
- PMCLNBWMS: Swingout arm wall mount

## Mounting Hole Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>VESA® Mounting Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMCL532BL</td>
<td>200 x 200 mm (7.9“ x 7.9”)</td>
</tr>
<tr>
<td>PMCL542BL</td>
<td>400 x 400 mm (15.7“ x 15.7”)</td>
</tr>
<tr>
<td>PMCL546BL</td>
<td>400 x 400 mm (15.7“ x 15.7”)</td>
</tr>
<tr>
<td>PMCL555BL</td>
<td>400 x 400 mm (15.7“ x 15.7”)</td>
</tr>
</tbody>
</table>

## CERTIFICATIONS

- FCC, Class B
- CE, Class B
- UL/cUL Listed
- C-Tick
- CCC
- KCC
- GOST-R
- NOM
- ENERGY STAR Level 5.1 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) 292-1891 Fax +1 (559) 348-1120
www.pelco.com www.pelco.com/community

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