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

PMCL532BL

PMCL555BL

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

	PMCL532BL 32-Inch (813 mm)	PMCL542BL 42-Inch (1,067 mm)	PMCL546BL 46-Inch (1,168 mm)	PMCL555BL 55-Inch (1,397 mm)
Viewing Area	698.4 x 392.8 mm	930.2 x 523.3 mm	1018.1 x 572.7 mm	1209.6 x 684 mm
Number of Pixels	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)
Pixel Pitch	0.363 x 0.363 mm	0.485 x 0.485 mm	0.530 x 0.530 mm	0.630 x 0.630 mm
Brightness	350 cd/m^2 (typical)	500 cd/m^2 (typical)	500 cd/m^2 (typical)	450 cd/m^2 (typical)
Contrast Ratio	3000:1	4000:1	4000:1	4000:1
Power Consumption	120 W	150 W	160 W	170 W
Dimensions (without stand)	76.7 x 745.2 x 439.4 mm (3.0" D x 29.3" W x 17.3" H)	82.8 x 977.0 x 568.9 mm (3.3" D x 38.5" W x 22.4" H)	82.8 x 1063.9 x 618.5 mm (3.3" D x 41.9" W x 24.4" H)	82.8 x 1256.0 x 726.8 mm (3.3" D x 49.4" W x 28.6" H)

Weight
  Unit
  Shipping
	12.5 kg (27.6 lb)
	16.2 kg (35.7 lb)
		20 kg (44.1 lb)
		28 kg (62.0 lb)
			22.6 kg (50.0 lb)
			30.5 kg (67.2 lb)
				30.2 kg (66.6 lb)
				39.6 kg (87.3 lb)

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 1080p at 50/60 Hz 1920 x 1080i at 50/60 Hz
Panel Aspect Ratio	16:9
Video Formats	480p, 576p, 720p, 1080i, 1080p
Panel Life	50,000 plus hours (typical)

Display Colors

PMCL542BL, 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

PMCL532BL	VESA® 200 x 200 mm (7.9" x 7.9")
PMCL542BL	VESA 400 x 400 mm (15.7" x 15.7")
PMCL546BL	VESA 400 x 400 mm (15.7" x 15.7")
PMCL555BL	VESA 400 x 400 mm (15.7" x 15.7")

CERTIFICATIONS

- FCC, Class B
- CE, Class B
- UL/cUL Listed
- C-Tick
- CCC
- KCC
- GOST-R
- NOM
- ENERGY STAR Level 5.1 Compliant