

# PMCL500 Series Narrow Bezel LCD Monitors

## 42-, 46-, AND 55-INCH HIGH RESOLUTION MONITORS



### Product Features

- Full High Definition 1920 x 1080p Resolution
- Energy Star, Level 5
- High Contrast Ratio
- Picture-In-Picture (PIP)
- RGB and DVI Interface
- Looping BNC Output
- Optional Mounting Accessories



Pelco's **PMCL500 Series Narrow Bezel (NB) monitors** combine the latest technologies into a perfect complement to your investment in megapixel imaging and performance. These 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 PMCL500 Series NB 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 **PMCL500 Series NB monitors** use low-power components to meet regulatory compliance.

**PMCL500 Series NB monitors** deliver optimal performance and the truest color reproduction available while retaining compatibility with all cameras.

**PMCL500 Series NB monitors** have been designed to meet the global demands of complex security installations. Stringent testing of the components of our **PMCL500 Series NB 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.](http://pelco.com)*



by Schneider Electric

International Standards  
Organization Registered Firm:  
ISO 9001 Quality System



C2987 / NEW 4-18-11

# TECHNICAL SPECIFICATIONS

## MODELS

PMCL542NB	42-inch monitor (1,067 mm)
PMCL546NB	46-inch monitor (1,168 mm)
PMCL555NB	55-inch monitor (1,397 mm)

## GENERAL

Viewing Area	
PMCL542NB	950.2 x 523.3 mm
PMCL546NB	1018.1 x 572.7 mm
PMCL555NB	1209.6 x 684 mm
Number of Pixels	1920 (H) x 1080 (V)
Pixel Pitch	
PMCL542NB	0.485 x 0.485 mm
PMCL546NB	0.530 x 0.530 mm
PMCL555NB	0.630 x 0.630 mm
Brightness	700 cd/m <sup>2</sup> (typical)
Contrast Ratio	
PMCL542NB	3500:1
PMCL546NB	3000:1
PMCL555NB	4000:1
Backlight Type	CCFL
Refresh Rate	60 Hz
Viewing Angle (H/V)	178°/178°
Response Time	8 ms
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
Display Colors	
PMCL542NB	16.7 million
PMCL546NB, PMCL555NB	1.07 billion
PIP (Picture-In-Picture)	Selectable, sizeable, swappable, moveable
Speakers	2, internal (10 W, 4 ohms x 2)
Front Panel Controls	Menu, source, down/up, vol +/-, power
Indicators	LED (power on/off)

## 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

## ELECTRICAL

Power Consumption	
PMCL542NB	261 W
PMCL546NB	251 W
PMCL555NB	356 W
Input Voltage	100 to 240 VAC, 50/60 Hz
Input Interfaces	
Video Input	1 BNC, looping; 1 S-Video; 1 display port; 2 HDMI; 1 RGB in; 1 RGB out; 1 DVI in; 1 DVI out; 1 component
Audio	2, audio, RCA jack; 1 PC Audio in; 1 Line out
Horizontal Frequency	31 KHz to 91 KHz
Vertical Frequency	56 Hz to 85 Hz
Sync Format	NTSC/PAL

## PHYSICAL

Dimensions (without stand)	
PMCL542NB	125.9 x 959.1 x 550.2 mm (4.9" D x 37.8" W x 21.7" H)
PMCL546NB	131.6 x 1049.4 x 602.6 mm (5.2" D x 41.7" W x 23.7" H)
PMCL555NB	136.7 x 1248.4 x 719.2 mm (5.4" D x 49.1" W x 28.3" H)
Weight	Unit Shipping
PMCL542NB	27 kb (59 lb) 31 kg (68 lb)
PMCL546NB	29 kg (64 lb) 38 kg (84 lb)
PMCL555NB	45 kg (99 lb) 56 kg (123 lb)

## RECOMMENDED MOUNTS

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

## Mounting Hole Dimensions

PMCL542NB	VESA® 400 x 200 mm (15.7" x 7.9")
PMCL546NB	VESA 400 x 200 mm (15.7" x 7.9")
PMCL555NB	VESA 600 x 400 mm (23.6" x 15.7")

## CERTIFICATIONS

- FCC, Class B
- CE, Class B
- UL/cUL Listed
- TUV
- C-Tick
- CCC
- GOST-R
- NOM
- KCC
- Energy Star Level 5 Compliant

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