

PMP20/PMP26 Public View Monitor

20-INCH AND 26-INCH MONITORS WITH CAMERA

Product Features

- Attractive Design for High Visibility Areas
- 20-Inch 4:3 Format LCD with Integrated WDR Camera
- 26-Inch 16:9 Format LCD with Integrated WDR Camera
- 3-D Digital Comb Filter and De-Interlace Capability for High Quality Video
- 2 Looping Composite Inputs
- 1 Camera Output for Internal Camera Video
- Integrated Memory Card Reader for Displaying Advertising, Welcome Messages, or Logos
- Built-in Motion Sensor Switches LCD from Memory Card to Surveillance Mode
- Mirror Mode
- Sleep Mode Light Sensor
- Scalable and Swappable Picture-in-Picture (PIP) Mode
- Wireless Remote Control
- Multilingual Support
- 24 VAC

Public view monitors (PVM) are units that contain a built-in camera that is pointed in the direction the monitor faces. This allows customers to see themselves on the monitor.

Pelco's **PVMs** are designed specifically for security applications. These units send a strong message that CCTV surveillance is in place, while welcoming customers and providing information on the latest sales and store events.

Pelco offers four attractively designed **PVM** models. The **PMP20B/W** integrates a 20-inch high brightness, high contrast, and wide dynamic range (WDR) camera with a 3 to 9.5 mm varifocal lens. The **PMP26B/W** integrates a 26-inch high brightness, high contrast, and WDR camera with a 3 to 9.5 mm varifocal lens. Both models are available in either black or white.



- Optional Mounts Available
- Compatible with VESA® 100 x 100 Standard
- Integrated Speakers

PVMs are both an effective loss prevention and marketing tool. The built-in memory card reader enhances marketing capabilities by allowing preloaded presentations to play continuously. The memory card reader supports the following formats: JPEG (.jpg, .jpeg, progressive), MPEG-1/2, and DivX (version 4.x). The **PVM's** motion detection feature switches the monitor into surveillance mode when someone passes through the detection zone. The built-in light sensor conserves energy by putting the monitor in sleep mode when the lights go out.

The built-in WDR camera uses a pixel-based imager that adjusts for lighting conditions by pixel. This ensures the best image under difficult lighting conditions, allowing installation in brightly lit entrances.



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International Standards
Organization Registered Firm,
ISO 9001 Quality System



TECHNICAL SPECIFICATIONS

MODELS

	PMP20B 20-Inch (508 mm) LCD Black Monitor with WDR	PMP20W 20-Inch (508 mm) LCD White Monitor with WDR	PMP26B 26-Inch (660 mm) LCD Black Monitor with WDR	PMP26W 26-Inch (660 mm) LCD White Monitor with WDR
Native Resolution	640 x 480	640 x 480	1366 x 768	1366 x 768
Horizontal Resolution	480 TVL	480 TVL	600 TVL	600 TVL
Panel Aspect Ratio	4:3	4:3	16:9	16:9
Viewing Area	408 x 306 mm	408 x 306 mm	576 x 324 mm	576 x 324 mm
Pixel Pitch	0.638 x 0.638 mm	0.638 x 0.638 mm	0.422 x 0.422 mm	0.422 x 0.422 mm
Backlight Type	6 CCFL	6 CCFL	12 EEFL	12 EEFL
Response Time	25 ms	25 ms	8 ms	8 ms
Power Consumption	96 W (4.0 A)	96 W (4.0 A)	160 W (6.7 A)	160 W (6.7 A)
Dimensions	3.1" D x 18.5" W x 16.7" H (7.9 x 47.0 x 42.5 cm)	3.1" D x 18.5" W x 16.7" H (7.9 x 47.0 x 42.5 cm)	4.1" D x 26.1" W x 17.6" H (10.3 x 66.3 x 44.7 cm)	4.1" D x 26.1" W x 17.6" H (10.3 x 66.3 x 44.7 cm)
Unit Weight	23.2 lb (10.5 kg)	23.2 lb (10.5 kg)	32.0 lb (14.5 kg)	32.0 lb (14.5 kg)
Shipping Weight	28 lb (13 kg)	28 lb (13 kg)	39 lb (18 kg)	39 lb (18 kg)

GENERAL

Brightness	
PMP20B, PMP20W	300 cd/m2
PMP26B, PMP26W	450 cd/m2
Contrast Ratio	
PMP20B, PMP20W	800:1
PMP26B, PMP26W	900:1
Panel Life	50,000 hours
Viewing Angle	89°/89°/89°/89°
Display Colors	16.7 million
PIP	Selectable, sizeable, swappable, moveable
Picture-by-Picture (PBP)	Swappable
Speakers	2, internal
Front Panel Controls	Power, source/enter, menu/exit, up, down, volume minus, volume plus
Indicators	LED (power on/off)
Media Card	CompactFlash (CF) type I/II, IBM® Microdrive™, MultiMediaCard (MMC), Secure Digital (SD) card, mini-Secure Digital card, Sony® Memory Stick™, Memory Stick Duo™, Memory Stick Pro™, Memory Stick Pro Duo™, USB
Media Formats	JPEG, MPEG1, MPEG2, DIVX

ELECTRICAL

Input Voltage	24 VAC (50/60 Hz)
Input Interfaces	
Video	2 BNC
Media card	Refer to General specifications
Output Interfaces	1 BNC Camera
Horizontal Frequency	15.75/16.25 kHz
Vertical Frequency	50/60 Hz

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 80%, noncondensing
Storage Humidity	10% to 90%, noncondensing

CAMERA SPECIFICATIONS

Imaging Device	1/3-inch pixel-based imager
Picture Elements	720 (H) x 540 (V)
Dynamic Range	102 dB typical, 120 dB maximum
Scanning System	2:1 interlace/progressive
Horizontal Resolution	504 TV lines
Signal-to-Noise Ratio	>53 dB

Minimum Illumination

Normal	0.8 lux
SENS 8X	0.2 lux
Gain Control	Auto (36 dB maximum)
Exposure	Auto (1/15~1/22,000)
Backlight Compensation	Auto
White Balance	Auto or manual; 2,800° to 7,500°K
Sync Format	NTSC/PAL

LENS SPECIFICATIONS

Focal Length	3.0~9.5 mm
Format Size	1/3-inch
F-Number	f/1.0~1.8
Operation	
Iris	Auto
Focus	Manual
Zoom	Manual
Angle of View*	
Horizontal	100.4° to 31.6°
Diagonal	131.6° to 39.6°
Vertical	72.8° to 23.8°

*Focal length specifications presume a 10% horizontal and 4% vertical monitor overscan.

OPTIONAL ACCESSORIES

Mounts

PMCL-WMT	Tilt/swivel wall mount
PMCL-CM	Ceiling mount
PMCL-CMP	Ceiling mount with pole
PMCL-WM1A	Single-arm wall mount
PMCL-WM2A	Dual-arm wall mount

Power Supplies

WCS1-4	100/120/240 VAC input outdoor camera power supply; contains one 24/26/28 VAC output (can only be used with the PMP20B and PMP20W)
WCS4-20	120/240 VAC input outdoor multiple camera power supply; contains four fused 24/28 VAC outputs

Note: Power supplies must meet the power requirements listed in *Models* and *Electrical* specifications. Power supplies are not included.

CERTIFICATIONS

- CE, Class A
- FCC, Class A
- UL/cUL Listed



Pelco, Inc. Worldwide Headquarters:
3500 Pelco Way, Clovis, California 93612-5699 USA
USA & Canada Tel: (800) 289-9100 • FAX: (800) 289-9150
International Tel: +1 (559) 292-1981 • FAX: +1 (559) 348-1120
www.pelco.com

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