

# Desktop Full High-Definition LCD Monitor

## 24-INCH MONITOR

### Product Features

- Full High Definition 1920 x 1080 Resolution
- 3D Digital Comb Filter with Deinterlacing for High Quality Video
- High Contrast Ratio
- Lightweight Design
- Built for 24/7 Applications
- VGA, DVI, S-Video, BNC, and HDMI
- Deinterlace Motion
- Picture-in-Picture (PIP)
- On-Screen Display (OSD) Languages: English, Spanish, French, Italian, German, Russian, Portuguese, and Chinese (simplified)
- Anti-Glare Panel Surface
- 3-Year Warranty



Pelco's 24-inch display combines 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.

*For additional product information go to [www.pelco.com](http://www.pelco.com).*



by Schneider Electric

International Standards  
Organization Registered Firm;  
ISO 9001 Quality System



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# TECHNICAL SPECIFICATIONS

## MODEL

PMCL524BL 24-inch monitor (610 mm)

## GENERAL

Viewing Area 531 mm x 299 mm  
Number of Pixels 1920 (H) x 1080 (V)  
Pixel Pitch 0.277 mm x 0.277 mm  
Brightness 250 cd/m<sup>2</sup> (typical)  
Contrast Ratio 1000:1  
Backlight Type LED  
Refresh Rate 60 Hz  
Viewing Angle (H/V) 170°/160°  
Response Time 5 ms  
Native Resolution 1920 x 1080 at 60 Hz  
Optimum Resolution  
VGA 720 x 400 at 70 Hz;  
640 x 480 at 60/72/75 Hz  
(50/60 Hz not available for DVI and HDMI  
inputs in coordinated video timings [CVT]  
format)  
SVGA 800 x 600 at 50/60/72/75 Hz  
XGA 1024 x 768 at 50/60/75 Hz  
WXGA 1360 x 768/1366 x 768 at 60 Hz;  
1920 x 1080 at 60 Hz  
SDTV (480i/480p/576i/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 1080i at 50/60 Hz  
Panel Aspect Ratio 16:9  
Video Formats 480p, 576p, 720p, 1080i, 1080p  
Panel Life 30,000 hours  
Display Colors 16.7 million  
PIP (Picture-in-Picture) Selectable, sizeable, swappable, moveable  
Speakers 2, internal (3 W)  
Front Panel Controls Power, left/right, up/down, menu, input  
Indicators LED (power on/off)  
VESA® Mounting Compliance 100 x 100 mm

## ELECTRICAL

Power Consumption <33 W  
Input Voltage 100 to 240 VAC, 50/60 Hz  
Input Interfaces  
Video Input DVI, BNC, HDMI, S-Video, VGA  
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 20% to 80%, noncondensing  
Storage Humidity 10% to 90%, noncondensing

## PHYSICAL

Dimensions (with stand) 21.3 x 56.9 x 42.9 cm  
(8.4" D x 22.4" W x 16.9" H)  
Weight  
Unit 7.2 kg (15.9 lb)  
Shipping 11.0 kg (24.0 lb)

## CERTIFICATIONS

- CE, Class B
- FCC, Class B
- UL/cUL Listed
- C-Tick
- CCC
- KCC
- CU
- NOM

## 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

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