Desktop Full High-Definition Series LCD Monitors

24- AND 32-INCH MONITORS

ENERGY STAR

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
- Energy Star Level 5 Compliant

PMCL524F

PMCL532F

Pelco's 24- and 32-inch displays combine 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.

MODELS

PMCL524F	24-monitor (610 mm)
PMCL532F	32-monitor (813 mm)

GENERAL

Viewing Area	
PMCL524F	531 mm x 299 mm
PMCL532F	698 mm x 393 mm
Number of Pixels	1920 (H) x 1080 (V)
Pixel Pitch	
PMCL524F	0.277 mm x 0.277 mm
PMCL532F	0.364 mm x 0.364 mm
Brightness	
PMCL524F	250 cd/m² (typical)
PMCL532F	450 cd/m² (typical)
Contrast Ratio	
PMCL524F	1000:1
PMCL532F	5000:1
Backlight Type	
PMCL524F	Cold cathode fluorescent lamp (CCFL), 2 lamps
PMCL532F	CCFL, 4 lamps
Refresh Rate	60 Hz
Viewing Angle (H/V)	
PMCL524F	170°/160°
PMCL532F	178°/178°
Response Time	
PMCL524F	5 ms
PMCL532F	8 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	50,000 hours
Display Colors	16.7 million
PIP (Picture-in-Picture)	Selectable, sizeable, swappable, moveable
Speakers	
PMCL524F	2, internal (3 W)
PMCL532F	2, internal (6 W)
Front Panel Controls	Power, left/right, up/down, menu, input
Indicators	LED (power on/off)
VESA® Mounting Compliance	
PMCL524F	100 mm x 100 mm
PMCL532F	200 mm x 200 mm

ELECTRICAL

Power Consumption	
PMCL524F	<33 W
PMCL532F	<100 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	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

PHYSICAL

Dimensions (with stand)

PMCL524F	8.4" D x 22.4" W x 16.9" H (21.3 x 56.9 x 42.9 cm)	
PMCL532F	9.0" D x 30.5" W x 21.3" H (22.9 x 77.6 x 53.9 cm)	
Weight	Unit	Shipping
PMCL524F	16.5 lb (7.5 kg)	24 lb (11 kg)
PMCL532F	29.8 lb (13.5 kg)	40 lb (18 kg)

Note: The PMCL524F is a VESA-compliant monitor equipped with a 100 mm x 100 mm mounting hole pattern. The PMCL532F is a VESA-compliant monitor equipped with a 200 mm x 200 mm mounting hole pattern.

CERTIFICATIONS

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

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
PMCL-V200	Adapter plate that converts 200 x 200 mm to 100 x 100 mm VESA pattern. (Required to use with the PMCL532F and Pelco PMCL-WM1A, PMCL-CM, and PMCL-CMP monitor mounts.)