

# Full High-Definition Series LCD Monitors

## 42-, 47-, AND 52-INCH MONITORS



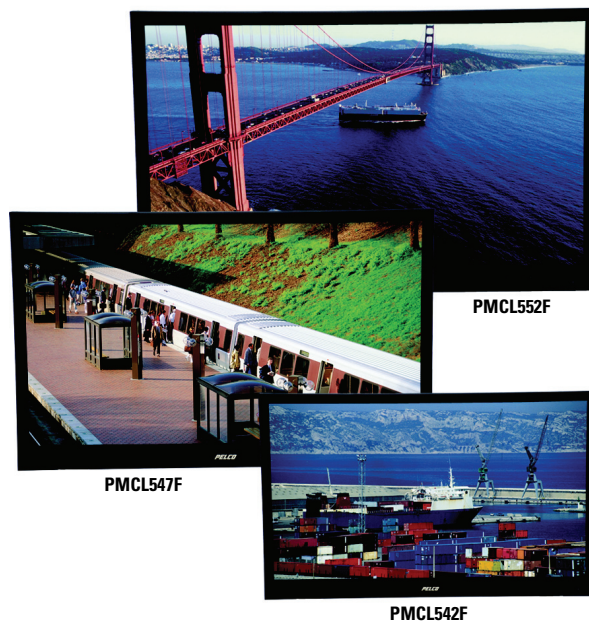
### Product Features

- Embedded Installation Handles
- Full High Definition 1920 x 1080p Resolution
- Image Quality Enhancement (IQE) Technology
- Edge Enhancement Dynamic Contrast
- ISM (Image Sticking Minimization)
- High Contrast Ratio
- Lightweight Design
- Built for 24/7 Applications
- Looping BNC Output
- RGB and DVI Interface
- Remote Control Included
- Improved Thermal Management
- Picture-In-Picture (PIP)

Pelco's 42-, 47-, and 52-inch displays combine the latest technologies into a perfect complement to your investment in megapixel imaging and performance. **Full high-definition (FHD) monitors** 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 **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 monitors** 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 the components of our **FHD 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).*



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International Standards  
Organization Registered Firm;  
ISO 9001 Quality System



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# TECHNICAL SPECIFICATIONS

## MODELS

PMCL542F	42-inch monitor (1,067 mm)
PMCL547F	47-inch monitor (1,193 mm)
PMCL552F	52-inch monitor (1,321 mm)

## GENERAL

Viewing Area	
PMCL542F	930 x 523 mm
PMCL547F	1040 x 585 mm
PMCL552F	1152 x 648 mm
Number of Pixels	1920 (H) x 1080 (V)
Pixel Pitch	
PMCL542F	0.485 x 0.485 mm
PMCL547F	0.542 x 0.542 mm
PMCL552F	0.600 x 0.600 mm
Brightness	500 cd/m <sup>2</sup> (typical)
Contrast Ratio	
PMCL542F	5000:1
PMCL547F	1300:1
PMCL552F	4000:1
Backlight Type	CCFL
Refresh Rate	60 Hz
Viewing Angle (H/V)	178°/178°
Response Time	
PMCL542F, PMCL547F	5 ms
PMCL552F	8 ms
Native Resolution	1920 x 1080 at 60 Hz
Optimum Resolution (RGB Mode)	
VGA	720 x 400 at 70 Hz 640 x 480 at 50/60/72/75 Hz
SVGA	800 x 600 at 50/60/72/75 Hz
XGA	1024 x 768 at 50/60/75 Hz
SXGA	1280 x 1024 at 60 Hz
WXGA	1360 x 768/1366 x 768 at 60 Hz
UXGA	1600 x 1200 at 60 Hz
SDTV (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 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 plus hours
Display Colors	
PMCL547F	1.07 billion
PMCL542F, PMCL552F	16.7 million
PIP (Picture-In-Picture)	Selectable, sizeable, swappable, moveable
Speakers	2, internal (5 W, 4 ohms x 2)
Front Panel Controls	Menu, source, down/up, vol +/-, power
Indicators	LED (power on/off)

## ELECTRICAL

Power Consumption	
PMCL542F	250 W
PMCL547F	350 W
PMCL552F	380 W
Input Voltage	100 to 240 VAC, 50/60 Hz
Input Interfaces	
Video Input	2 BNC, looping; 1 S-Video looping; 1 RGB; 1 DVI; 1 component
Audio	2, audio, RCA jack
Horizontal Frequency	31 KHz to 69 KHz
Vertical Frequency	56 Hz to 85 Hz
Sync Format	NTSC/PAL

## ENVIRONMENTAL

Operating Temperature	32° to 113°F (0° to 45°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 (without stand)	
PMCL542F	4.4" D x 39.0" W x 24.1" H (11.1 x 99.0 x 61.3 cm)
PMCL547F	4.4" D x 43.4" W x 26.7" H (11.1 x 110.3 x 67.7 cm)
PMCL552F	4.5" D x 48.5" W x 29.8" H (11.4 x 123.3 x 75.7 cm)
Unit Weight	
PMCL542F	66.1 lb (30.0 kg)
PMCL547F	77.2 lb (35.0 kg)
PMCL552F	90.4 lb (41.0 kg)
Shipping Weight	
PMCL542F	78 lb (35 kg)
PMCL547F	91 lb (41 kg)
PMCL552F	104 lb (47 kg)

## CERTIFICATIONS

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

\*As of the date of this publication, these certifications/ratings are pending. Please consult the factory, our Web site at [www.pelco.com](http://www.pelco.com), or the most recent B.O.S.S.® update for the current status of certifications.

## RECOMMENDED MOUNTS

PMCL-WMTF	LCD tilt wall mount for FHD monitors
PMCL-WMF	LCD flat wall mount for FHD monitors
PMCL-CM	LCD ceiling mount for FHD monitors
PMCL-CMP	LCD ceiling mount and pole for FHD monitors
PMCL-VAF	Monitor mount adapter for PMCL-CM and PMCL-CMP

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