PMCL600 Series Full High-Definition LED Monitors

WALL MOUNT 32-INCH, 43-INCH, 50-INCH, AND 55-INCH MONITORS

Product Features

- Full High Definition 1920 x 1080 Resolution
- HDMI Digital Plus VGA, BNC Analog Inputs
- OSD Menu Selection of 16:9 Widescreen or 4:3 SD Aspect Ratio
- Bright LED Illuminated Panel with Ultra Wide (178°) Viewing Angle
- Built-in Stereo Speakers (8-inch x 2-inch) and Audio Amplifier
- Standard 400 x 200 mm VESA Mounting
- Power Cord and VGA Cables Included
- Auto-on when VGA or HDMI DVR/NVR Video is Detected
- On-Screen Display (OSD) Languages: English, Spanish, German, French, Italian, and Chinese (simplified)
- 3-Year Warranty

PMCL632, PMCL643, PMCL650, & PMCL655

Pelco's **PMCL600 Series** monitors combine the latest technologies into a perfect complement to your investment in megapixel imaging and performance. Wall mount 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.

TECHNICAL SPECIFICATIONS

GENERAL

	PMCL632 32-Inch	PMCL643 43-Inch	PMCL650 50-Inch	PMCL655 55-Inch
Viewing Area	698 mm x 392.85 mm	953 mm x 543mm	1095.84 mm x 616.41 mm	1209.6 mm x 680.4 mm
Number of Pixels	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)
Pixel Pitch	0.36 (H) mm x 0.36 (V) mm	0.49 (H) mm x 0.49 (V) mm	0.19 (H) mm x 0.57 (V) mm	0.21 (H) mm x 0.63 (V) mm
Brightness	300 cd/m^2 (typical)	300 cd/m^2 (typical)	350 cd/m^2 (typical)	350 cd/m^2 (typical)
Contrast Ratio	3000:1	1200:1	3000:1	3000:1
Power Consumption	<55 W	<80 W	<100 W	<120 W
Dimensions (without stand)	743.95 x 443.40 x 58.70 mm (29.29 x 17.46 x 2.31 in)	979.18 x 581.42 x 63.4 mm (38.55 x 22.89 x 2.50 in)	1135 x 666.4 x 64.2 mm (44.69 x 26.24 x 2.53 in)	1249.6 x 733.9 x 59.67 mm (49.17 x 28.89 x 2.35 in)
Weight Unit Shipping	 8.80 kg (19.4 lb) 10.8 kg (23.8 lb)	 22.0 kg (48.5 lb) 27.0 kg (59.2 lb)	 24.0 kg (52.9 lb) 30.0 kg (66.1 lb)	 30.0 kg (66.1 lb) 35.0 kg (77.2 lb)
Speakers	8 ohm 3 W/channel	8 ohm 5 W/channel	8 ohm 5 W/channel	8 ohm 5 W/channel

Backlight Type	LED
Refresh Rate	60, 70, 75 Hz (depending on resolution)
Viewing Angle (H/V)	178°/178°
Response Time	6.5 ms
Maximum Resolution	1920 x 1080 at 60 Hz
Optimum Resolution	

Interface	Resolution	Refresh Rate
HDMI	1920 x 1080	60 Hz
	1280 x 1024	60 Hz/70 Hz/75 Hz
	1024 x 768	60 Hz
	800 x 600	60 Hz
	640 x 480	60 Hz
VGA	1920 x 1080	60 Hz
	1280 x 1024	60 Hz/75 Hz
	1024 x 768	60 Hz
	800 x 600	60 Hz
	640 x 480	60 Hz

Monitor Aspect Ratio	16:9 or 4:3
Video Formats	480p, 1080i, 1080p
Panel Life	40,000 hours
Display Colors	16.7 million
Front Panel Controls	Power, left/right, up/down, menu, input
Indicators	LED (power on/off)
VESA® Mounting Compliance	400 x 200 mm

ELECTRICAL

Input Voltage	100 to 240 VAC, 50/60 Hz
Input Interfaces	
Video Input	BNC, HDMI (2), VGA
Video Output	BNC
Additional Inputs	USB, RS-232
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	10% to 85%, noncondensing
Storage Humidity	10% to 85%, noncondensing

TECHNICAL SPECIFICATIONS

MODEL

PMCL632	32-inch monitor (81 cm)
PMCL643	43-inch monitor (109.2 cm)
PMCL650	50-inch monitor (127 cm)
PMCL655	55-inch monitor (139.7 cm)

RECOMMENDED ACCESSORIES

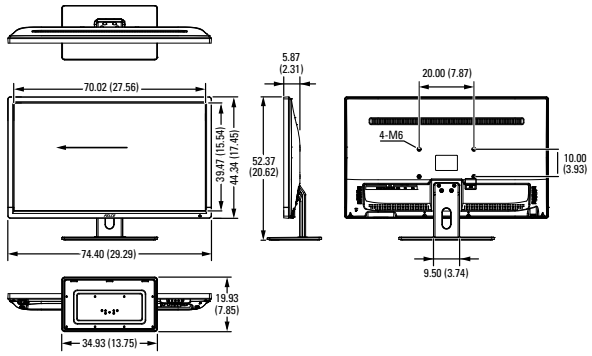
PMCL-WM	Wall mount
PMCL-WMT	Tilt/swivel wall mount
PMCL-WM1A	Tilt/swivel single-arm wall mount
PMCL-CM	Ceiling mount
PMCL-CMP	Ceiling mount with pole

CERTIFICATIONS

- CE, Class B
- FCC, Class B
- ICES-003, Class B
- UL/cUL Listed

VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.

PMCL632



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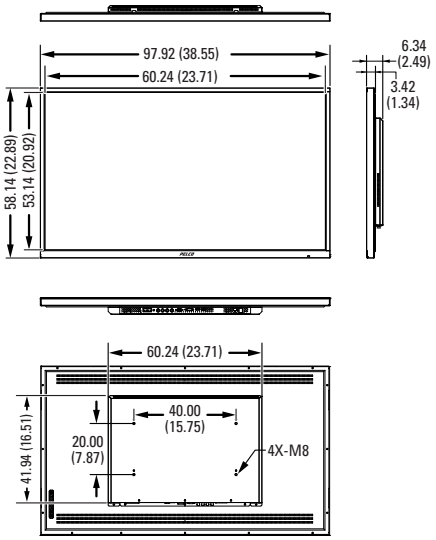

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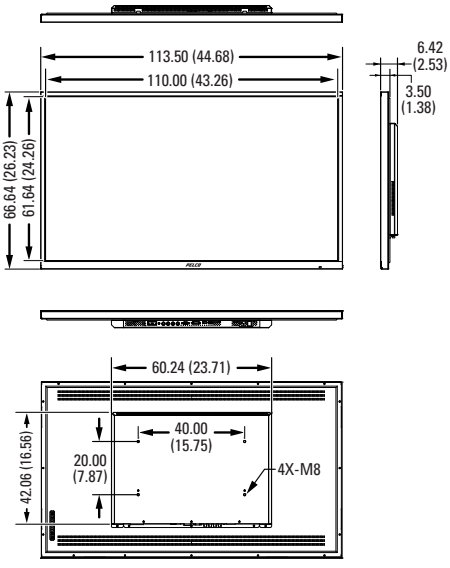

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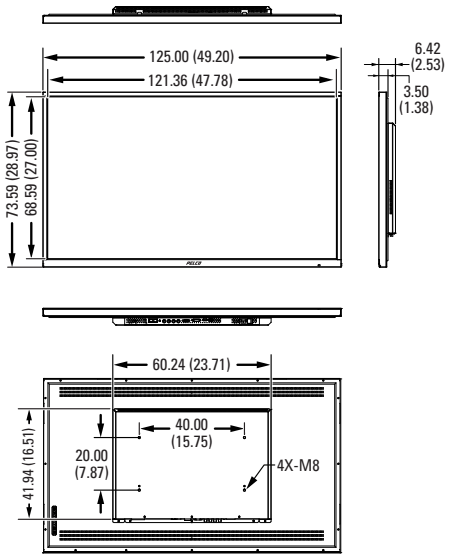

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