PMCL600K Series 4K Ultra High Definition LED Monitors

WALL MOUNT 43-INCH, 49-INCH, 55-INCH, AND 65-INCH MONITORS

Product Features

- Thin Bezels Insure Uninterrupted Viewing Across Multiple Monitors on a Monitor Wall

- Ultra High Definition 3840 x 2160 Resolution

- Displays HDMI, DisplayPort, and VGA Signals

- 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 and Audio Amplifier

- Standard 400 x 400 mm VESA Mounting

- DisplayPort Cable, Power Cable, Remote Control, and Wall Mount Bracket Included

- Auto Input Switch

- On-Screen Display (OSD) Languages: English, Spanish, German, French, Italian, and Chinese (Simplified)

- Picture-in-Picture (PIP) and Picture-by-Picture (PBP)

PMCL643K, PMCL649K, PMCL655K, AND PMCL665K

- Designed for 24/7 Operation and Backed by a 3-Year Warranty

Pelco's **PMLC600K Series 4K Ultra High Definition** monitors combine the latest technologies into a perfect complement to your investment in megapixel imaging and performance. Wall mount Ultra High Definition monitors deliver 3840 x 2160 resolution and are specifically engineered to exceed the demands of surveillance operators.

Ultra High Definition displays adapt to the changing nature of security in control room design and efficiency. Pelco Ultra High Definition 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 Ultra High Definition displays use low-power components to meet regulatory compliance.

Ultra High Definition 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 Ultra High Definition displays can seamlessly scale down to 720p. This feature guarantees crisp, detailed images from all cameras.

Ultra High Definition monitors have been designed to meet the global demands of complex security installations. Stringent testing of Ultra High Definition 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.

PELCO

by **Schneider** Electric

TECHNICAL SPECIFICATIONS

GENERAL

Parameter	PMCL643K 43-Inch	PMCL649K 49-Inch	PMCL655K 55-Inch	PMCL665K 65-Inch
Viewing Area	941.1 mm x 529.4 mm	1073.78 x 604 mm	1211.2 x 683.6 mm	1428.48 mm x 803.52 mm
Number of Pixels	3840 (H) x 2160 (V)			
LED Type	DLED	DLED	DLED	ELED
Brightness	450 cd/m^2			
Contrast Ratio	3000:1	3000:1	5000:1	3000:1
Power Consumption	<100 W	<150 W	<160 W	<160 W
Dimensions (W x L x D) (without stand)	96.07 x 55.07 x 6.5 cm (37.82 x 21.68 x 2.56 in)	109.15 x 62.32 x 6.5 cm (42.97 x 24.53 x 2.56 in)	122.72 x 69.96 x 6.5 cm (48.31 x 27.54 x 2.56 in)	145.3 x 83.15 x 4.98 cm (57.2 x 32.74 x 1.96 in)
Weight Unit Shipping	16.6 kg (36.6 lb) 27 kg (59.52 lb)	20.5 kg (45.1 lb) 30.4 kg (67 lb)	25.2 kg (55.56 lb) 35 kg (77.2 lb)	37 kg (81.6 lb) 50 kg (110.2 lb)
Speakers	8 ohm 5 W/channel			
Included Mount	Wall Mount			

Case and Stand Material   Metal
Refresh Rate   60 Hz
Auto Adjust   Yes
Viewing Angle (H/V)   178°/178°
Response Time   8 ms
Picture-in-Picture (PIP)   Separates the screen into two parts
Picture-by-Picture (PBP)   Separates the screen in up to four parts, displaying output from up to four different source devices
Maximum Resolution   3840 x 2160 at 60 Hz
Supported Resolutions

Input Resolutions	Refresh Rate
3840 x 2160	30 Hz/60 Hz
1920 x 1080	60 Hz
1360 x 768	60 Hz
1280 x 1024	60 Hz/75 Hz
1024 x 768	60 Hz/75 Hz
800 x 600	60 Hz/75 Hz
640 x 480	60 Hz
720 x 400	60 Hz

Monitor Aspect Ratio   16:9 or 4:3
Horizontal TV Lines   2160
Color Depth   10 bit (D), 1.07 billion colors
Rear Panel Controls   Power, left/right, up/down, menu, input
Indicators   LED (power on/off)
De-Interlace and
Noise Reduction   3D De-Interlace
VESA® Mounting Compliance   400 x 400 mm; location centered on monitor body

ELECTRICAL

Input Voltage   100 to 240 VAC +/-10% @ 50/60 Hz
Digital Video Inputs   HDMI and DisplayPort up to 3840 x 2160
Port Inputs   DP + HDMI (2) + VGA + Audio + RS-232 In (HDMI 1.2, HDMI 2.0)
Port Outputs   RS-232 Out
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

MODEL

PMCL643K   43-inch monitor (109.22 cm)
PMCL649K   49-inch monitor (124.46 cm)
PMCL655K   55-inch monitor (139.7 cm)
PMCL665K   65-inch monitor (165.1 cm)

RECOMMENDED ACCESSORIES

PMCLNBWMF   Flat Wall Mount
PMCLNBWMT   Tilt Wall Mount
PMCLNBWMS   Swing Out Arm Wall Mount
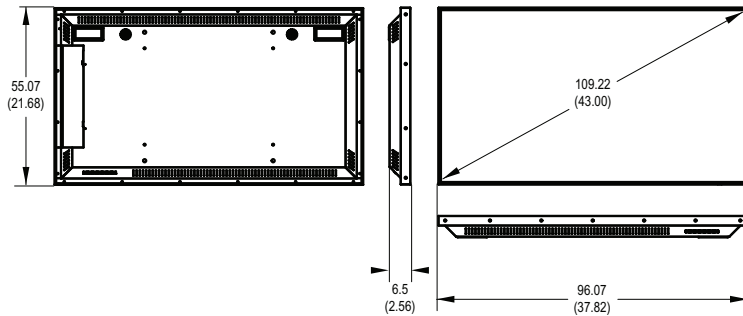
CERTIFICATIONS

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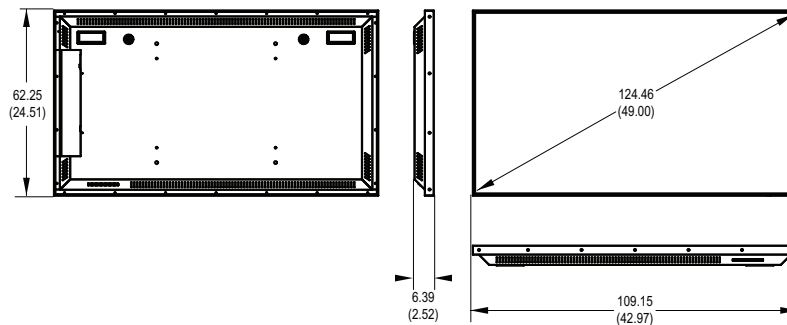UL/cUL Listed

TECHNICAL SPECIFICATIONS

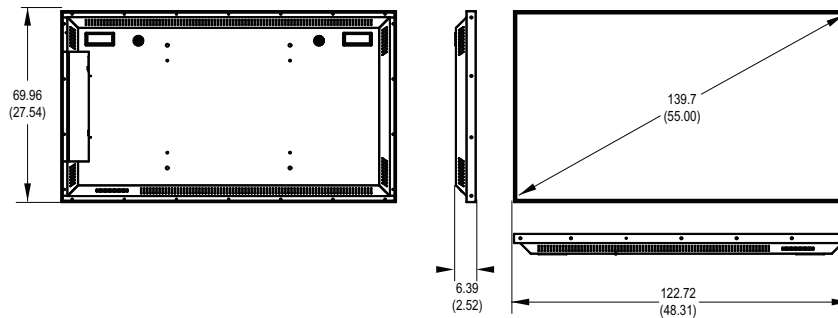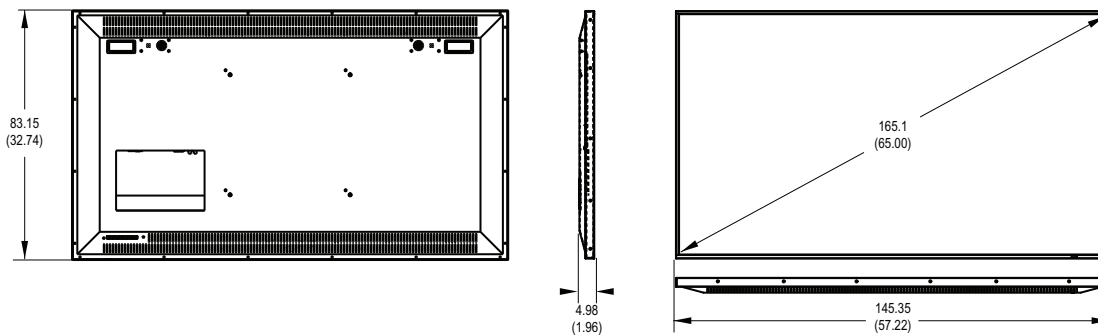✋ *VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.*

PMCL643K

55.07 (21.68)
109.22 (43.00)
6.5 (2.56)
96.07 (37.82)

PMCL649K

62.25 (24.51)
124.46 (49.00)
6.39 (2.52)
109.15 (42.97)

PMCL655K

69.96 (27.54)
139.7 (55.00)
6.39 (2.52)
122.72 (48.31)

PMCL665K

83.15 (32.74)
165.1 (65.00)
4.98 (1.96)
145.35 (57.22)