

# 600 Series Plasma (PDP) Monitors

## 42-, 50-, AND 60-INCH MONITORS, HD RESOLUTION

### Product Features

- Wide Screen Large Format Displays
- Compatible with Pelco Multiviewers
- HD Resolution
- Slim Design
- High Contrast Ratio
- Brilliant Colors, Blackest Blacks
- Wide Viewing Angle (<math><160^\circ</math>)
- PIP (Picture-In-Picture)
- Pixel Shifting Technology
- Looping BNC Composite Output
- VGA and DVI Interface
- Remote Control Included
- Desk Stand Included
- Internal Speakers
- Optional Wall Mounts Available



PMCP660

Pelco's 42-, 50-, and 60-inch plasma displays provide bright images, intense colors, and enhanced details. The slim design of these **600 Series** monitors takes up minimal space and allows for easy installation.

Plasma technology provides high contrast ratios; a measure of the most brilliant colors and the blackest blacks. It also creates a richness and naturalness, providing exceptional image quality and detail to the viewer. The **600 Series** is ideal for environments with lower to normal lighting. Their wide viewing area makes video easy to view from any angle.

Install the **600 Series** monitors with multiviewers to view and control up to 60 images on a single display, thereby reducing the need for multiple dedicated CRTs. The large format equals bigger images for multi-image displays. The multiviewers' output is in high definition to match the HD resolution of these large monitors.

Optional flush wall mounts are available for the 42-, 50-, and 60-inch models, and optional tilt wall mounts are available for the 42- and 50-inch models.

Pelco uses pixel-shifting technology that provides protective measures to minimize screen damage as a result of stationary images.



# TECHNICAL SPECIFICATIONS

## MODEL NUMBER

PMCP642	42-inch (1,067 mm) active TFT (Thin Film Transfer) plasma monitor
PMCP650	50-inch (1,270 mm) active TFT plasma monitor
PMCP660	60-inch (1,524 mm) active TFT plasma monitor

## GENERAL

Native Resolution	
PMCP642	1024 x 768; XGA
PMCP650, PMCP660	1366 x 768; WXGA
Aspect Ratio	16:9
Viewing Area	
PMCP642	922 x 519 mm
PMCP650	1106 x 622 mm
PMCP660	1320 x 742 mm
Pixel Pitch	
PMCP642	0.900 x 0.676 mm
PMCP650	0.810 x 0.810 mm
PMCP660	0.966 x 0.966 mm
Brightness	
PMCP642	1200 cd/m <sup>2</sup>
PMCP650, PMCP660	1000 cd/m <sup>2</sup>
Contrast Ratio	
PMCP642, PMCP650	8000:1
PMCP660	6000:1
Panel Life	45,000 hours to 50% brightness
Viewing Angle (H/V)	<160°
Displayable Colors	16.7 million
Supported Video Formats	480i, 480p, 576p, 576i, 720p, 1080i
PIP	Selectable, sizable, moveable
Video Input/Output Interfaces	
DVI Input	1 DVI jack, 24-pin
RGB (VGA) Input	1 D-Sub jack, 15-pin
Component Input	1 RCA jack
S-Video Input	1 mini DIN jack, 4-pin
Composite Video Input/Output	1 BNC jack; looping
Video 1, 2 Input/Output	2 RCA jacks; looping
Audio Input/Output Interfaces	
Audio for DVI Input	2 RCA jacks
Audio for RGB Input	2 RCA jacks
Speakers	2, internal; 2, external jacks
Front Panel Controls	Power, input, volume, menu, selection
Indicators	Status LED (power on/standby/off)

## ELECTRICAL

Input Voltage	100-240 VAC, 50/60 Hz, internal power supply
Power Consumption	
PMCP642	350 W
PMCP650	450 W
PMCP660	610 W
Horizontal Frequency	31 kHz to 68 kHz
Vertical Frequency	25 Hz to 85 Hz
Sync Format	NTSC/PAL

## PHYSICAL

Dimensions (without stand)	
PMCP642	4.2" D x 40.5" W x 24.6" H (10.7 x 102.8 x 62.5 cm)
PMCP650	4.6" D x 47.5" W x 28.4" H (11.7 x 120.7 x 72.1 cm)
PMCP660	3.7" D x 57.2" W x 34.5" H (9.4 x 145.4 x 87.6 cm)
Unit Weight (without stand)	
PMCP642	66.1 lb (30.0 kg)
PMCP650	92.6 lb (42.0 kg)
PMCP660	149.9 lb (68.0 kg)
Shipping Weight	
PMCP642	80 lb (36 kg)
PMCP650	108 lb (49 kg)
PMCP660	172 lb (78 kg)

## 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

## OPTIONAL ACCESSORIES

PMCP-WM	Fixed wall mount for PMCP642 and PMCP650
PMCP-WMT	Tilt wall mount for PMCP642 and PMCP650
PMCP-WM60	Fixed wall mount for PMCP660
PMVC4	A single multiviewer displays up to four composite video images on a single monitor using a VGA (analog) or DVI (digital) interface. (A maximum of 15 units can be cascaded together to provide up to 60 video windows.)
PMVR2	A single multiviewer displays video from up to two VGA or two DVI inputs (or one of each) on a single monitor using a VGA or DVI interface. (A maximum of 15 units can be cascaded together to provide up to 30 video windows.)

## CERTIFICATIONS

- TUV Listed
- FCC, Class A
- CE, Class A
- C-Tick



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