

SPECTRA III™ SE Series Dome Systems

Premier Integrated Dome System

Spectra III SE features multiple back box configurations and three auto focus, high-resolution dome drives with programmable software.

Spectra III SE dome drives feature LowLight™ Technology. The day/night model features a 23X lens, built-in motion detection and 80X wide dynamic range imager. Two standard cameras, available in color or black-white, with a 22X lens and Exview HAD™ imager for increased sensitivity.

Features

- Built-in Back Box Memory
- Camera Title Overlay, 20 User-Definable Characters
- Horizontal and Zone Blanking
- RJ-45 Data Port for Software Update and Setup
- On-Screen Compass and Tilt Display
- Multilanguage On-Screen Menus
- Password Protection
- Freeze Frame During Presets
- 7 Alarm Inputs; 2 Programmable Auxiliary Outputs
- Built-in Surge and Limited Lightning Protection
- Heavy-Duty and Stainless Steel Models Available

Part Number 2690-1 Camera Only

Part Number 2690-1423 Kit

KBD300A Keyboard Controller

This password protected controller creates and recalls pan/tilt/zoom patterns and zones for the dome camera. In addition, complete control of functions such as forward/reverse camera sequences, initiating sequences and selecting preset camera positions can easily be selected.

Part Number 2690-KBO300A

STANDARD AND ENVIRONMENTAL PENDANT

- Standard and Environmental Models
- Built-in Memory Stores Camera/Dome Settings
- Standard Pendant Available in Black or Gray Finish; Environmental Pendant Gray Finish Only
- Quick Disconnect to Dome Drive
- Meets NEMA Type 4X, IP66 Standards
- Aluminum Construction
- 5.9-Inch Acrylic Bubble
- Environmental Model Includes Sun Shield, Fan, and Heater



Pendant Model



Video

NET300

IT Network Video Transmission

The **NET300** can be used in three ways:

- **Standalone** – as a transmitter or receiver for a camera where BNC cable is not possible. This allows one-way video transmission for fixed cameras or the option of sending control signals to a Spectra[®] dome or Esprit[®] positioning system.
- **Analog to Ethernet “Bridge”** – as a way of using one or more **NET300s** connected to a system of Pelco matrices or Genex[®] multiplexers to view video from a vast number of camera analog inputs. In this application the analog device is being used as a “concentrator” to allow viewing of hundreds of cameras without incurring the cost of hundreds of encoders.
- **Complete Ethernet System** – as a way of controlling an unlimited number of cameras via **NET300s** by using Pelco’s VMX series of matrix control software in a purely Ethernet or hybrid system. Ethernet systems involve using an encoder with each camera and using the Ethernet as a virtual matrix. This is cost efficient for new installations or add-ons to existing installations. Using the VMX300 as control software for existing systems as well as new Ethernet portions allows the user to build the industry’s only truly “hybrid” CCTV system.

The **NET300** can display video on a PC using Internet Explorer[®], an analog monitor, or both.

PelcoNet[™] transmits (**NET300T**) or receives (**NET300R**) live video and data across existing Ethernet networks. Sending video over computer networks yields significant cost savings by using an existing computer network to monitor a remote site.

The **NET300** saves installation costs (no separate cabling required), allows toll-free operation (intranets), and saves management costs (single, uniform network).



NET300

With minimal setup, the **NET300** transmission system can be installed and running in minutes.

The **NET300T**, featuring dual MPEG-4 video streams, lets you use computer networks to interface your control and monitoring stations with remote camera sites, whether they are in the same building, across the country, or around the world.

Features

- Send and Receive Live Video and Control Data Over Ethernet Networks
- Dual MPEG-4 Video Streams
- Full Integration with Pelco’s Matrices, Genex[®] Multiplexers, Spectra[®] Domes, and Esprit[®] Positioning Systems
- Adjustable Bandwidth, Image Rate, and Quality
- View Video on PC, Analog Monitor, or Both
- NTSC and PAL
- Alarm Input and Relay Output
- Bidirectional Data Channel Via RS-232/422/485 Serial Port

Part Number 2690-NET300R

Part Number 2690-NET300T



Video

300 Series Flat Panel, TFT LCD Monitor

15-Inch, 17-Inch, 19-Inch Monitors with Multimode Functionality

These 15, 17 and 19-inch monitors have a color LCD panel with a thin film transfer (TFT) active matrix. The monitors automatically adapt to the appropriate input resolution (up to 1280 x 1024).

The **300 Series** features a folding picture-frame-style desktop stand, optional rack mount kits, and VESA® - compliant mounting holes to easily adapt to different wall and ceiling mounts.

These monitors automatically detect and display the correct video format (NTSC or PAL) and are powered by an internal autoranging power supply.

The **300 Series** uses four long life CCFT (cold cathode fluorescent tube) backlights to maintain the brightness level over time, eliminating the brightness degradation common in aging CRT monitors.

Adjustments of standard monitor display parameters are made via user-friendly, on-screen menus and front panel controls.

Features

- Space-Saving, Flat Panel Design
- Picture-Frame-Style Desktop Stand
- Looping Composite and S-Video Inputs
- VGA Input
- Supports up to 1280 x 1024 SXGA Resolution (PMCL319, PMCL317), 1024 x 768 Resolution (PMCL315)
- Maximum Brightness of 380 cd/m² (PMCL319), 400 cd/m² (PMCL317), 350 cd/m² (PMCL315)
- Maximum Contrast Ratio of 500:1
- Maximum Response Time of 12 ms (PMCL319, PMCL317), 16 ms (PMCL315)
- 100/240 VAC, 60/50 Hz Autoranging Internal Power Supply
- Low Power Consumption (<50 Watts)
- Internal Speakers
- Optional Rack, Wall, Ceiling, and Camera Mounts

15 Inch Monitor



17 Inch Monitor



19 Inch Monitor



ELECTRICAL

- Input Voltage 100-240 VAC, 50/60 Hz, internal power supply
- Power Consumption <50 W (on), <5 W (standby)

PHYSICAL

Unit Weight

- PMCL315 9.6 lb (4.4 kg)
- PMCL317 12.4 lb (5.6 kg)
- PMCL319 14.5 lb (6.6 kg)

ENVIRONMENTAL

- Operating Temperature 32° to 104°F (0° to 40°C)
- Storage Temperature -4° to 140°F (-20° to 60°C)

Part Number 2690-PMCL315 - 15"

Part Number 2690-PMCL317 - 17"

Part Number 2690-PMCL319 - 19"



Video

Mounts for PMCL Series Monitor

The **PMCL-WMT** can be swiveled 360 degrees to allow you to use the monitor in either landscape or portrait view. The head also tilts 35 degrees up or down for best viewing angle.

The **PMCL-WM1A** and the **PMCL-WM2A**, are equipped with convenient swing arms. The **PMCL-WM1A** is a single-arm wall mount, while the **PMCL-WM2A** is a dual-arm wall mount that can be folded flush against a wall. These mounts can also be swiveled 360 degrees for portrait or landscape viewing, and they can be tilted 35 degrees up or down.

Features

- For Use with VESA Compliant Monitors
- Rack Mounts for All 200/300/400 Series LCD Monitors
- VESA Compliant Wall and Ceiling Mounts
- Can Be Used With Pelco Series LCD Monitors
- Single or Dual Swing-Arm Wall Mount
- Universal Camera Mount for Public View Applications
- Unique Tilt/Swivel Head Design Ensures Optimum Viewing Angle
- Easy to Install
- Aluminum Construction
- For Indoor Applications Only

Part Number 2690-PMCL-WMT

Part Number 2690-PMCL-WM1A

Part Number 2690-PMCL-WM2A



PMCL-WMT



PMCL-WM1A



PMCL-WM2A

SWM Series Pole Mount

Features

- Low Cost
- For Use with Spectra® or DF5 Series Pendant Domes
- Constructed of Cast Aluminum
- Cable Feed-through Features



- Supports up to 10 pounds (4.5 kg)
- Easy to Install, by means of a Mounting Plate, with Standard Tools
- Mounting Hardware is Concealed Within the SWM, Providing a Very Attractive Appearance

Part Number 2690-2 Wall Mount (not shown)

Part Number 2690-3 Pole Adapter

