

Spectra® Professional Series IP Dome System

P1220 MODELS, HIGH DEFINITION PAN/TILT/ZOOM HIGH-SPEED DOME

Product Features

- Up to 1920 x 1080 Resolution
- 16:9 Aspect Ratio; 1080p at 30 Images per Second (ips)
- 2.0 Megapixel (MPx), 20X Optical Zoom, 12X Digital Zoom IP Camera
- Ability to Control and Monitor Video Over IPv4 Network
- Built-in Analytics Including Motion Detection and Camera Sabotage
- 2 Video Streams: Dual H.264 or H.264 and Scalable MJPEG
- 360° Continuous Pan Rotation up to 430° per Second
- Supported Protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, and More
- PoE+ IEEE 802.3at Class 4 (For Non-Environmental Units)
- 16 Preset Tours, 128 Dome Presets, 8 Window Blanks
- Open IP Standards
- ONVIF Profile S and Profile G Conformant



Value-based Network Dome System

Pelco breaks the performance versus affordability barrier with the very powerful, cost-effective Spectra® Professional Series of discreet, integrated camera dome positioning systems. The Spectra Professional Series delivers clear, live streaming, high-definition images over the Internet using a standard Web browser (Microsoft® Internet Explorer®, Chrome, or Mozilla® Firefox®). With six times the resolution of standard definition domes, Spectra Professional is an ideal solution to view details such as faces, license plates, tattoos, or other specific features when in a zoomed-in position.

Spectra Professional supports High-Profile H.264 compression, a vast improvement in quality over MPEG-4 and up to 20 times more efficient than MJPEG. The dome system features open architecture connectivity for third-party software recording solutions allowing integration into virtually any IP-based HD system. It is also compatible with Digital Sentry® video management systems. As with all Pelco IP camera solutions, Spectra Professional is Endura Enabled™ to record, manage, configure, and view multiple live streams. When connected to an Endura® HD network-based video security system, the dome system has access to EnduraStor™ and EnduraView™ for optimized image quality and bandwidth efficiency.

Spectra Professional Series features ease of installation and ease of maintenance that you have come to expect from Pelco. Each dome system consists of a back box, a dome drive, and a lower dome, all prepackaged as a system.

Spectra Professional Series includes a choice of four back box models: in-ceiling, environmental in-ceiling, pendant, and environmental pendant. All environmental models meet Type 4X, IP66 when properly installed.

Built-In Analytics

Pelco video Analytics enhance the flexibility and performance of Spectra Professional. Two preloaded Pelco behaviors are included as standard features and can be configured and enabled using a standard Web browser. They are compatible with Endura or a third-party system that supports alarms using Pelco's API.

- **Motion Detection:** Built-in video motion detection (VMD) provides more efficient and reliable surveillance by triggering an alarm when motion occurs based on the user-defined area and sensitivity levels.
- **Camera Sabotage:** Detects contrast changes in the field of view. An alarm is triggered if the lens is obstructed by spray paint, a cloth, or a lens cap. Any unauthorized repositioning of the camera also triggers an alarm.

Web Interface

Spectra Professional uses a standard Web browser for powerful remote setup and administration.

Window Blanking

Window blanking is used to conceal user-defined privacy areas that cannot be viewed by an operator. Spectra Professional Series supports up to eight blanked windows. A blanked area will appear on the screen as a solid gray window.

Video Systemization

Spectra Professional Series easily connects to Pelco IP and hybrid systems.

Spectra Professional Series features open architecture connectivity to third-party software. Pelco offers an application programming interface (API) and software developer's kit (SDK) for interfacing with Pelco's IP cameras.



by Schneider Electric



International Standards
Organization Registered Firm;
ISO 9001 Quality System

