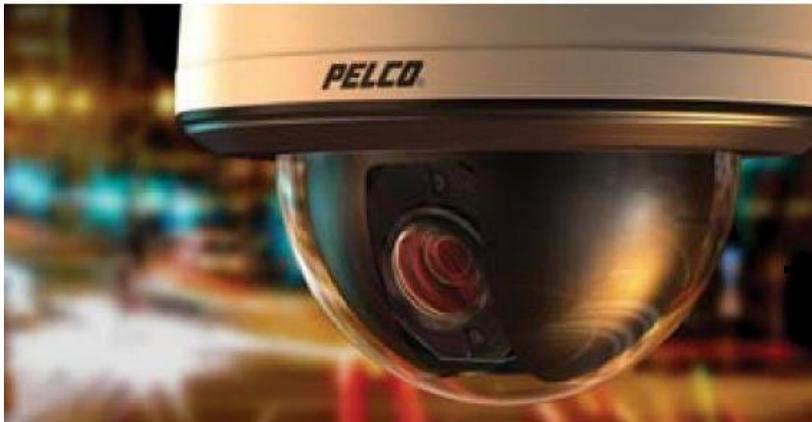




Innovative Industrial Solutions

Unreal Innovation. Real Solutions.

Pelco Spectra Network Dome



Available in The I.I.S. Custom Industrial Strength Housing

Increased Quality and Performance. Decreased Bandwidth and Storage.

Spectra® IV IP Network Dome System Now with the Power of H.264 Compression

Spectra IV IP now features H.264 compression for optimized image quality and minimized bandwidth, along with MJPEG and MPEG4 compression for the flexibility to meet various system requirements. Compared to MPEG4 compression, H.264 is more efficient for optimized video quality and minimal bandwidth consumption. And of course, Spectra® IV IP dome systems incorporate all of the features and functions of Spectra IV (including analog), while allowing you to control and monitor video over an IP network from virtually anywhere in the world. Spectra IV IP is a high-speed dome with a built-in 100Base-TX network interface for live streaming to any network application. The use of H.264 compressed video files greatly reduces storage and bandwidth requirements as compared to MJPEG and MPEG4 compression, making network video storage more affordable.

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Crisp, High Quality Color, Full Motion Video Over IP

Spectra IV IP allows you to view and control analog video while viewing, recording, and controlling network IP video. There is no need to abandon your current analog infrastructure if you are making the move to network video as a recording solution.

Continue to monitor and control video in the analog domain while recording video in the network domain, and let Spectra IV IP's professional compression method do the work for you without the need for external encoders. And because not all compression methods are created equal, Spectra IV IP technology gives users the flexibility to select MJ PEG, M PEG4, or H .264 compression.

Spectra® IV IP Series Network Dome System

H.264, Digital P/T/Z High-Speed Dome

Product Features

- Ability to Control and Monitor Video Over IP Networks
- Simultaneous Hybrid IP and Analog Video and Control
- H.264, MPEG-4, and MJPEG Compression
 - Supported Protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, QoS, SNMP, and RTSP, IPv4, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), and 802.1x (EAP)
 - Multilevel Password Protection
 - 3 Autofocus, High Resolution Integrated Camera/Optics Packages
 - Horizontal Zone and Window Blanking
 - Sensitivity Down to 0.00015 lux PAL; 0.00018 lux NTSC
 - On-Screen Compass and Tilt Display
 - Up to 2 Simultaneous Video Streams
 - Web Viewing, Unlimited Simultaneous Viewers in Multicast mode; up to 16 Simultaneous Cameras in Unicast Mode
 - Open IP Standards
 - Bidirectional Full-Duplex Audio

Spectra IV IP features the industry's largest selection of options for any P/T/Z system, including eight models, three camera options, 15 different mounting options including standard and environmental in-ceiling and pendant, heavy duty, stainless steel and horizon. All back boxes feature built-in memory, which can be used to store camera and location-specific dome settings, including labels, presets, patterns, and zones. All cameras in Spectra IV IP dome drives feature an EXview HAD™ imager for increased sensitivity and LowLight™ technology allowing the cameras to compensate for scenes where minimal light is present.

Both the 27X and the 35X cameras feature built-in motion detection and advanced 128X wide dynamic range (WDR) that enables the system to compensate for scenes where dramatic contrasts in lighting are present. The 35X day/night camera's electronic image stabilization digitally reduces blurring of the camera image due to vibration caused by external sources, such as wind and traffic.

Web Interface

Spectra IV IP uses a standard Web browser for powerful remote setup and administration. Up to 16 cameras can be viewed on the same network with unlimited multicast viewers. Network protocols such as Secure Sockets Layer (SSL) configuration for security certificates, Secure Shell (SSH) for remote logon, and Quality of Service (QoS) for priority or guarantee data flow can be managed using a Web browser.

Systemization

Spectra IV IP easily connects to Pelco IP and hybrid systems such as Endura® version 1.5 (or later), MPEG-4; Endura version 2.0 (or later), H.264; Digital Sentry® version 4.2 (or later); DX8100 version 2.0 (or later); and DVR5100 version 1.5.4 (or later). The camera also features open architecture connectivity to third-party software. Pelco offers an application programming interface (API) for interfacing to Pelco network cameras.

