

Esprit® HD Series IP Positioning System

ES5230 SERIES STANDARD AND PRESSURIZED MODELS

Product Features

- Up to 1920 x 1080 Resolution
- 16:9 Aspect Ratio; 1080p at 30 Images per Second (ips)
- 2.0 Megapixel (MPx), 30X Optical Zoom, 12X Digital Zoom, Wide Dynamic Range (WDR) Camera
- Ability to Control and Monitor Video Over IPv4 and IPv6 Networks
- Built-in Analytics Including AutoTracker and Adaptive Motion Detection
- 2 Simultaneous Video Streams: Dual H.264 or H.264 and Scalable MJPEG
- 360° Continuous Pan Rotation at 100° per Second
- Supported Protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, and More
- Electronic Image Stabilization (EIS)
- Pan/Tilt and Enclosure with Integrated Optics Package (IOP) or Pressurized Integrated Optics Cartridge (IOC)
- 16 Preset Tours, 256 Presets, 32 Window Blanks

Network Positioning System

Pelco takes its industry-leading Esprit® Series positioning system into the world of high definition. **Esprit HD** delivers crystal-clear, live streaming images over the Internet using a standard Web browser (Microsoft® Internet Explorer® or Mozilla® Firefox®). With six times the resolution of standard definition positioning systems, **Esprit HD** is an ideal solution to view details such as faces, license plates, tattoos, or other specific features.

Esprit HD supports High-Profile H.264 compression, a vast improvement in quality over MPEG-4 and 20 times more efficient than MJPEG. The positioning 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, **Esprit HD** is Endura Enabled™ to record, manage, configure, and view multiple live streams. When connected to an Endura® HD network-based video security system, the positioning system has access to EnduraStor™ and EnduraView™ for optimized image quality and bandwidth efficiency.

Built-In Analytics

Pelco Analytics enhance the flexibility and performance of Esprit HD. Nine Pelco behaviors are preloaded and included as standard features. Pelco behaviors can be configured and enabled using a standard Web browser, and they are compatible with Endura or a third-party system that supports alarms using Pelco's API.



- Integrated Window Wiper with Configurable Delay and Shut-Off (ES5230-1x Models)
- Open IP Standards
- ONVIF Profile S Conformant

Web Interface

Esprit HD 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. **Esprit HD** supports up to 32 blanked windows. A blanked area will appear on the screen as a solid gray window.

Video Systemization

Esprit HD easily connects to Pelco IP and hybrid systems such as Endura version 2.0 (or later) and Digital Sentry version 7.3 (or later). The camera is also compatible with Digital Sentry NVs (DS NVs), a full-featured video management software, which is available as a free download at www.pelco.com. DS NVs includes four free Pelco IP licenses and allows for the management of video from up to 64 cameras.

Esprit HD 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



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