



by **Schneider** Electric

Esprit

Fully Integrated Positioning Systems



The Esprit Positioning System brings together the very best in enclosure design, pan-and-tilt mechanics and receiver technologies. This completely integrated package offers responsive, high-speed positioning capabilities, outstanding weather protection and a level of aesthetics and ease-of-installation that remains unmatched in the industry.



The Industry's Leading Positioning System



Esprit has become the positioning system of choice for City Surveillance, Transportation Infrastructure, Commercial, and most other outdoor video security applications. Combined with its aesthetic appeal and deterrent effect, the Pelco Esprit System is the industry's most sought after positioning system.

Pelco Esprit

The Pelco Esprit Series is a high-performance, remote-positioning system featuring an integrated camera and lens, pan-and-tilt unit and a multi-protocol receiver. Designed and built for continuous duty, Esprit offers the most dynamic movement capabilities available along with load-bearing and wind-resistant capabilities that allow it to remain completely operational in 90 mile-per-hour-wind conditions.

Esprit can accelerate and decelerate more smoothly, more responsively and more accurately than any other pan-and-tilt system available. Thanks to an ultra-slow, ultra-smooth "creep mode" speed of 0.1 degree per second, Esprit is perfect for tracking almost any object at any speed at almost any distance.

Complete Environmental Protection

The Esprit Series Positioning System comes standard with industry-leading features such as heater, window defroster, sun shroud and thermal insulation blanket, enabling units to operate in temperature conditions ranging from as low as -50°F to over 120°F . And in the event of a power failure during an ice storm, the entire unit can de-ice itself and become operational in just two hours after regaining power at a temperature as low as 13°F .

Esprit systems are pre-wired for power input, video and control, with all wiring connections made at the base of the unit. Constructed of cast aluminum and boasting an IP66 rating and NEMA-4X certification, Esprit has been designed and built to deliver the results you demand for years to come.

Integrated Optics Package

Esprit Systems are available with an Integrated Optics Package option that includes an auto-focus camera and lens module with programmable features such as white balance and sharpness control. A choice of three distinct cameras is available:

- 35X Optical Zoom, 10X Digital, Color 0.55 Lux at 1/60 sec shutter, B-W 0.00018 lux at 1/2 sec shutter, 540 TVL (NTSC/PAL)
- 24X Optical Zoom, 10X Digital, Color 0.005 Lux, B-W 0.0005 Lux, 520 TVL (NTSC/PAL)
- 22X Optical Zoom, 10X Digital, LowLight Color 0.02 Lux, 470 TVL (460 TVL PAL)
- 16X Optical Zoom, 10X Digital, LowLight Color 0.5 Lux, 470 TVL (460 TVL PAL)



The Ideal Choice for Outdoor Applications



Integrated Camera, PTZ and Receiver



Complete Environmental Protection of all Electronics



Integrated Optics Package



Digital Position and On-Screen Feedback

On-screen position feedback displays the camera's directional orientation and zoom position. Esprit also can accept RS-422 data commands send it to exact azimuth, elevation and zoom positions or report its current position.

The Pelco Remote Data Port

A first-of-its-kind interface, the Remote Data Port can be installed anywhere along the video data lines. Such "bottom-of-the-pole" access provides an unprecedented level of control to verify camera settings and video output without ever needing a lane closure or lift truck.

Day/Night Capabilities

Esprit's Integrated Optics Package (IOP) features a Day/Night option along with the added capability of LowLight viewing. With Pelco's LowLight Technologies, Esprit Day/Night units now have light sensitivity of an amazing 0.005 Lux in color mode and 0.0005 Lux in B&W Mode.

IOC Pressurized Optics

For the ultimate protection of your optics investment, Pelco offers the Pressurized Integrated Optics Cartridge (IOC). Internal pressurization eliminates internal condensation and corrosion. Sensors in the cartridge send an "Alert" message if changes in pressure, temperature or humidity are beyond acceptable limits.

Optional Window Wiper

Esprit's optional Integrated Window Wiper system features programmable delay, programmable shut-off and high reliability.

TXB Series Translator Boards

The TXB Translator Interface enables Esprit to be used with a variety of competitive control systems. Protocol translation is achieved by means of translator boards that install directly to the interface connector. Protected by the pan/tilt enclosure, translator boards provide seamless operation without the need for additional hardware. NTCIP compatible interface for traffic applications is also available.



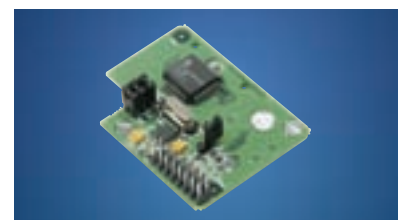
On-Screen Positioning Data



Choose from a Variety of Optics Packages



Optional Window Wiper and Sun Shroud Available



Translator Boards for Third Party Integration



The ideal solution for any number of outdoor applications, Esprit delivers powerful optics capabilities while acting as a strong deterrent to criminal activities.

A Powerful Solution For Any Application



Pelco offers a wide range of options that makes the Esprit positioning system the most versatile available. From installing your own camera and lens combination, to ordering the system with a completely installed state-of-the-art pressurized optics package, Esprit offers nothing less than premium performance, and 100-percent satisfaction.

High-Performance IOP

The ES30C and ES31C not only combine a receiver, pan and tilt, and enclosure in a single, easy-to-install system, they also include an Integrated Optics Package (IOP). The IOP contains an auto-focus camera, lens module with programmable features including on-screen programming and on-screen direction indicators.

Pressurized IOC

Pelco's ES30PC/ES31PC Esprit Positioning System is optimally designed to protect camera optics and electronics from moisture and airborne contaminants. The system features a receiver, pan and tilt, enclosure, and a pressurized Integrated Optics Cartridge (IOC).

The ES30PC/ES31PC system's IOC packages an auto focus camera, lens, heater, and sensors in a small, self-contained, sealed unit. Dry nitrogen pressurized to 10 PSIG protects the environment inside the cartridge, eliminating internal condensation and corrosion. Sensors strategically placed in the cartridge send an "Alert" message if changes in pressure, temperature, or humidity are beyond factory set acceptable limits. The sensors also allow for instant on-screen display of temperature, pressure, and dew point.

ImagePak Camera and Lens

The Esprit ImagePak system combines the innovative design of the standard system with a factory-installed camera and lens package of your choice. Choose from a variety of standard or high-resolution, color or monochrome, and LowLight DSP camera and lens combinations. ImagePak saves time and money, and greatly reduces installation errors.

Esprit ES3012 Series

Pelco's Esprit ES3012 Series Integrated Positioning System integrates a pan and tilt, enclosure, and receiver into one compact system that is easy to install. On-screen, user-friendly menus also make the system easy to program and operate.

The standard system does not include the camera and lens components. It is designed to accept any 24 VAC camera and lens combination up to 3.45" W x 3.17" H x 12.10" L (8.76 x 8.05 x 30.73 cm).



Integrated Optics Package



Pressurized Models Available



Pan-and-Tilt Enclosure



ES3012 Series Integrated Positioning System



Optional Window Wiper Available with IOP or IOC Systems.

Choose From a Wide Selection of IOP, IOC Camera Technologies.

Complete Feed-Through System, No Exposed Cabling.

Integrated Multi-Protocol Receiver/Driver Within Pan-and-Tilt Housing.

System Operational In 90 MPH Wind Conditions; Can Withstand Wind Velocity Up To 130 MPH.

Tilt Range From +33° to -83°.

Preset Positioning, Patterns, Multiple Scan Modes.

Variable-Speed Pan From 0.1 to 100 Degrees Per Second with Proportional Pan.

Designed for Minimal Maintenance: No Gears to Adjust.

Lightweight Aluminum Construction.

Quick and Simple Mounting.

360° Continuous-Duty Pan Rotation.

Integrated Transformer Converts 110/230 VAC Power.



by **Schneider** Electric

The recognized worldwide leader in video and security systems, Pelco boasts the most comprehensive array of products, services and expertise available in today's marketplace. And now as a member of the Schneider Electric family, Pelco brings a network of assets backed by the strength of a Fortune 500 company to help you define and achieve your business objectives.

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