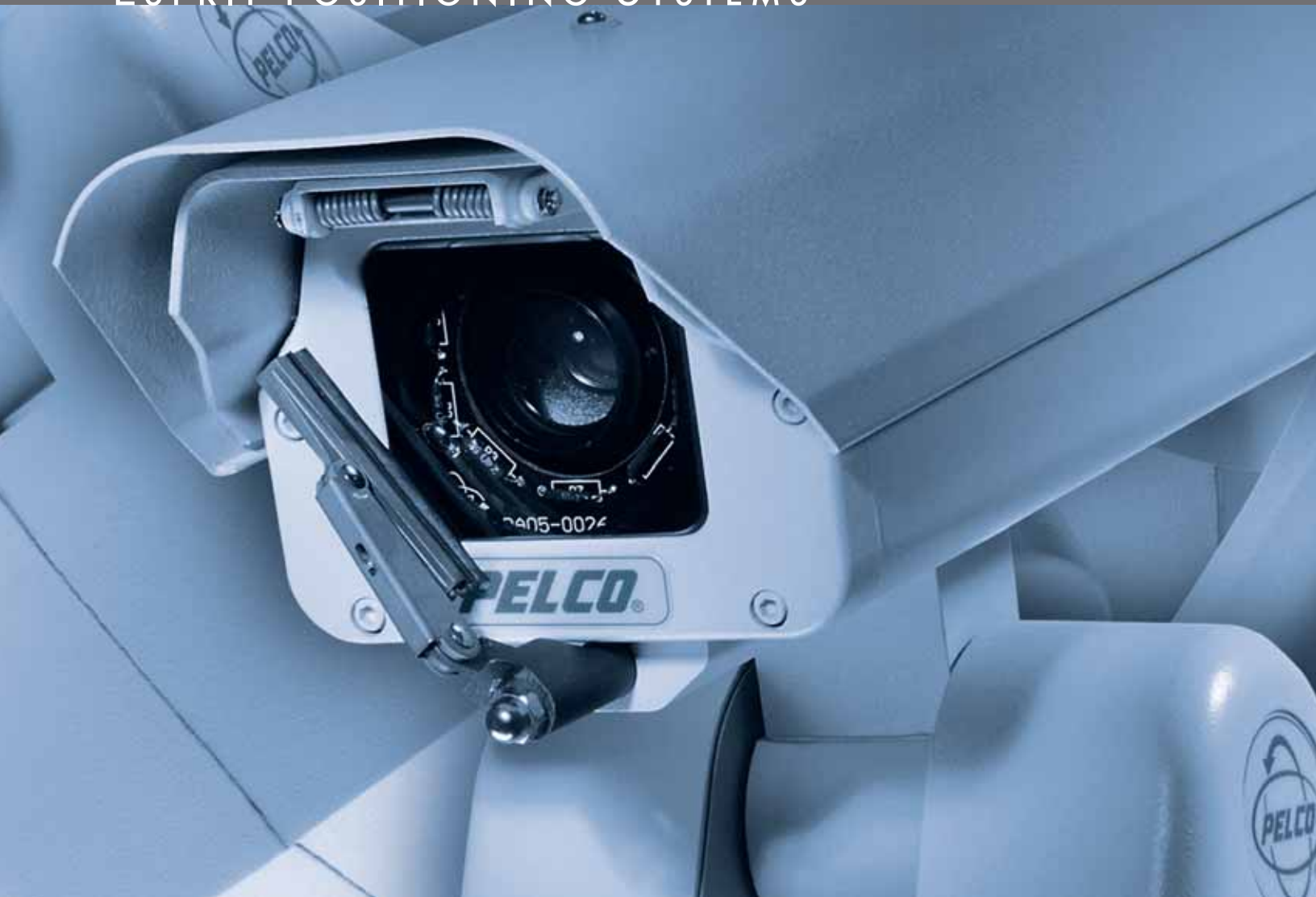


**PELCO**

## ESPRIT POSITIONING SYSTEMS



PROTECTING

PEOPLE AND PROPERTY IN A  
MILLION LOCATIONS WORLDWIDE



# ESPRIT POSITIONING SYSTEMS

## FASTER. SMALLER. TECHNOLOGICALLY ADVANCED.

WITH THE ESPRIT POSITIONING SYSTEM, PELCO ENGINEERS HAVE BROUGHT 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.

ESPRIT HAS BECOME THE POSITIONING SYSTEM OF CHOICE FOR SURVEYING ROADWAYS, AIRPORT RUNWAYS, TRAIN YARDS, SHIPYARDS AND MOST ANY OTHER OUTDOOR VIDEO SECURITY APPLICATION.

### HIGHLIGHTS

- INTEGRATED MULTI-PROTOCOL RECEIVER/DRIVER WITHIN PAN-AND-TILT HOUSING
- OPERATIONAL IN 90 MPH WIND CONDITIONS; ABLE TO WITHSTAND WIND VELOCITY UP TO 130 MPH
- COMPLETE FEED-THROUGH SYSTEM, NO EXPOSED CABLING
- 360-DEGREE OPERATION
- PAN SPEED OF 100 DEGREES-PER-SECOND TO PRESETS
- TILT RANGE OF +33° TO -83° FROM HORIZONTAL
- DIGITAL POSITION FEEDBACK AND ON-SCREEN DISPLAY
- OPERATES IN TEMPERATURES RANGING FROM -50° TO 120°F
- TWO-YEAR WARRANTY
- IP66 RATING
- NEMA-4X CERTIFICATION

# THE INDUSTRY'S LEADING POSITIONING SYSTEM

## PELCO ESPRIT

The Pelco Esprit 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

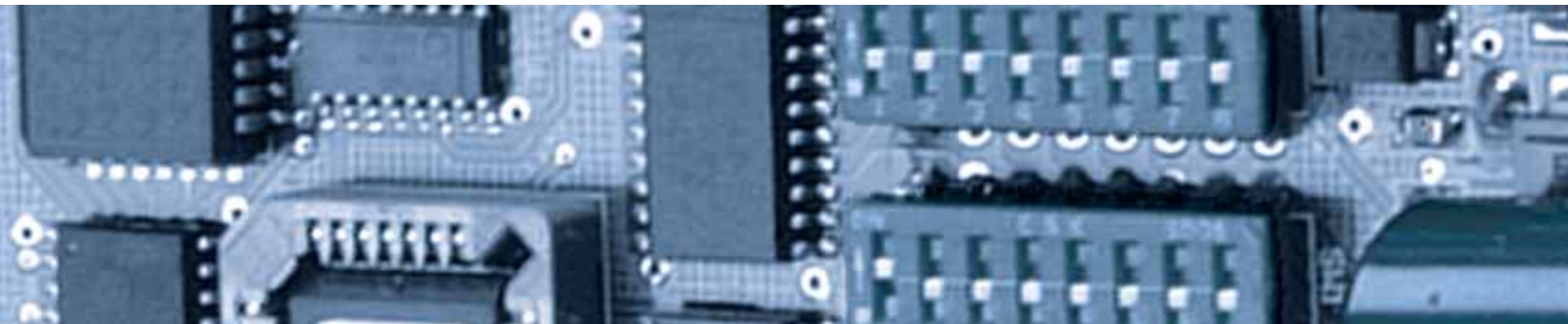
The Esprit Series Positioning System comes standard with industry-leading features such as heater, window defroster, sun shroud and thermal insulation blanket, enabling your unit to operate in temperature conditions ranging from as low as  $-50^{\circ}$  F to over  $120^{\circ}$  F. And in the event 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  $13^{\circ}$  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

Your Esprit is 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:

- 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)



### 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, they provide seamless operation without the need for additional hardware. NTCIP compatible interface for traffic applications is also available.



## THE ESPRIT POSITIONING SYSTEM

Esprit has become the industry's standard by which all other pan-and-tilt positioning systems are measured. Ready to go, right out of the box, Esprit systems are easy to install, with no exposed cables, no wiring harnesses to fabricate or connectors to seal or secure.

### SIMPLIFIED MOUNTING

Three system-mounting options are available. The standard Esprit wall mount arm can be used with most any reliable vertical mounting surface, or an adapter plate can be used for pole- and corner-mount applications. Parapet or pedestal mount adapters are also available.



## CHOOSE THE ESPRIT ENCLOSURE THAT FITS YOUR 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 CUSTOMER SATISFACTION.

### HIGH-PERFORMANCE IOP AND OPTIONAL WIPER

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 onscreen programming and onscreen direction indicators.



### PRESSURIZED IOC AND OPTIONAL WIPER

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).



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