

ES30C/ES31C Series Positioning System

ESPRIT® SYSTEM WITH IOP CAMERA AND OPTIONAL WIPER

Product Features

- Receiver, Pan/Tilt, and Enclosure with an Integrated Optics Package (IOP)
- Programmable Camera Settings
- Programmable Camera Title
- On-Screen Compass, Tilt, and Zoom Display
- Auto Iris with Manual Override
- Auto Focus with Manual Override
- AC Line Lock
- Variable Speed Pan: 0.1° to 100°/Sec with Proportional Pan
- 360° Continuous Pan Rotation
- Zone Blanking: Allows up to 8 Zones (Programmable in Size) to be Set to Output Blank Video
- Tilt Range of +33° to -83° from Horizontal
- Preset Positioning, Patterns, Multiple Scan Modes
- Designed for Minimal Maintenance, No Gears to Adjust



ESPRIT IOP SYSTEM WITH WIPER
(SHOWN WITH WALL MOUNT AND POLE ADAPTER)

Pelco's **ES30C/ES31C** Esprit® Positioning System features a receiver, pan/tilt, enclosure, and Integrated Optics Package (IOP) in a single, easy-to-install system. The IOP contains an autofocus camera and lens module with programmable features.

For a wide range of applications, the **ES30C** and **ES31C** Series features a choice of four different IOP cameras:

- Day/night camera (540 TVL) with an infrared cut filter, 35X zoom lens (35X optical, 12X digital), and electronic image stabilization
- Day/night camera (520 TVL) with an infrared cut filter and 24X zoom lens (24X optical, 10X digital)
- High resolution color camera (470 TVL) with LowLight™ color technology and 22X zoom lens (22X optical, 10X digital)
- High resolution color camera (470 TVL) with LowLight color technology and 16X zoom lens (16X optical, 10X digital)

A powder-coated, aluminum construction makes the **ES30C** and **ES31C** ideal for either indoor or outdoor applications. The system has an absolute operating temperature range of -50° to 140°F (-45° to 60°C). Within two hours after power-up, the entire unit can de-ice and be operational from a temperature of -13°F (-25°C).

The **ES31C Series** includes a window wiper. The wiper is completely integrated into the enclosure and does not interfere with the viewing range of the system. The wiper can be programmed to delay between wipes and to automatically shut off after a specified period. The wiper design also allows for easy replacement of the wiper blade. A built-in heater, window defroster/defogger, sun shroud, and insulation blanket are standard features on the **ES30C** and **ES31C** units. All units also include an open collector auxiliary output that functions for two seconds before deactivating.

The **ES30C** and **ES31C** Series variable pan and tilt speeds range from 0.1 to 40 degrees per second in manual pan mode and 0.1 to 20 degrees per second in manual tilt. Pan preset and turbo speeds are 100 degrees per second in wind speeds of 50 mph and 50 degrees per second in the 90 mph wind-speed profile. Tilt preset speed is 30 degrees per second. The **ES30C** and **ES31C** are capable of 360 degrees of continuous pan rotation. The tilt range allows for horizontal viewing of +33 to -83 degrees. There are 64 programmable preset positions with a preset accuracy of one-quarter degree.

The systems are available with an input voltage of 24 VAC or with a selectable power source of 120/230 VAC. The **ES30C** and **ES31C** also have a power-up recovery mode that allows the user to specify what operation the system will resume whenever the power is cycled.

