2310131001

# EX Camera P/t Zone 1



## Description

- ✓ Electropolished 316L Stainless Steel Construction
- ✓ Upright or Inverted Operation
- ✓ Receiver, Pan/ Tilt, and Enclosure with an Integrated Optics
- ✓ Package (IOP)
- ✓ Two Auto Focus, High-Resolution Integrated Optic Packages
- ✓ 23X Day/Night, 80X Wide Dynamic Range, and Motion Detection
- ✓ Color 22X EXview HAD™
- ✓ Multilanguage On-Screen Menus
- ✓ Password Protection
- ✓ Programmable Camera Settings

- ✓ On-Screen Compass, Tilt, and Zoom Display

- ✓ Variable Speed Pan: 0.1° to 40°/second with Proportional Pan

- ✓ 360° Continuous Pan Rotation

- ✓ Tilt Range of +90° to -90° from Horizontal

- ✓ Preset Positioning, Patterns, Multiple Scan Modes

- ✓ Designed for Minimal Maintenance

- ✓ Built-in System Memory

- ✓ Software Update and Setup via Remote Data Port (IPS-RDPE-2)

- ✓ Password Protection to Prevent Unauthorized Changes to the System

- ✓ On-Board Connector for

- ✓ Pelco VC-UTP Video Converter

- ✓ Pelco TXB Series Protocol Translator Boards

- ✓ Pelco FS85011 and Third-Party Fiber Optic Transmitters

The ExSite™ Series are innovative integrated positioning systems that meet stringent explosionproof requirements. The ExSite Series not only combine a receiver, pan/tilt, and enclosure in a single, easy-toinstall system, but also includes an Integrated Optics Package (IOP). The Integrated Optics Package contains an auto-focus camera and lens module with programmable features.

For a wide range of applications, the ExSite Series feature a choice of two different IOP cameras: a high-resolution camera with LowLight ™ color technology and 22X zoom lens (22X optical, 12X digital), and a high-resolution day/night camera with a removable infrared cut filter and 23X zoom lens (23X optical, 10X digital).

The electropolished 316L stainless steel construction makes the ExSite Series ideal for all kinds of environmental conditions including marine applications. The system has an absolute operating temperature range of -60° to 60°C. Within two hours after power-up, the he entire unit can de-ice and be operational from a temperature of -25°C.

The ExSite Series include an optional 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. A built-in heater, window defroster/defogger, sun shroud, and blower are standard features on the ExSite Series. All units also include three auxiliary output relays that can be programmed for a variety of uses.

The ExSite Series variable pan and tilt speeds range from 0.1 to 40 degrees per second in manual pan, tilt, and preset mode. The ExSite Series is capable of 360 degrees of continuous pan rotation. The tilt range allows for horizontal viewing of -90 to +90 degrees. There are 80 preset positions with a preset accuracy of ±0.1 degree.

The systems are available with an input voltage of 24 VAC or with apower source of 100-240 VAC. The ExSite Series also have a powerup recovery mode that allows the user to specify what operation the system will resume whenever the power is cycled.

ExSite Series Feature built-in system memory in the power module to store camera and location-specific pan/tilt settings, including labels, presets, patterns, and zones. These settings are automatically downloaded if a new pan and tilt body is installed3

## SOFTWARE / HARDWARE

- ✓ Programmable Power-up Mode

- ✓ Programmable ParK

- ✓ Sun Shroud, Heater/Window Defroster, and Blower All Standard

- ✓ 80 Presets with Custom Camera Settings and Labels

- ✓ ±0.1° Preset Accuracy

- ✓ Multilanguage Menus (English, Spanish, Portuguese, Italian, French,German, Russian, Polish, Turkish, and Czechoslovakian)

- ✓ On-Screen Compass, Tilt, and Zoom Display

- ✓ Password Protection

- ✓ Eight Zones (programmable in size) Can Be Labeled with Up to 20 Characters Each or Set to Output Blank Video

- ✓ Programmable Locations of Labels and On-Screen Displays

- ✓ Seven Alarm Inputs

- ✓ Three Relay Outputs

- ✓ Action on Alarm – Alarms can be individually programmed for three priority levels, to initiate a stored pattern, or to go to an associated preset when received

- ✓ Resume After Alarm – Allows the pan/tilt to return to a previously programmed state after alarm acknowledgement or to its previous position before alarm

- ✓ Patterns – Up to four, on-screen, user-defined programmable patterns Includes pan, tilt zoom, and preset functions

- ✓ Proportional Pan/Tilt – Continually decreases pan and tilt speeds in proportion to depth of zoom

- ✓ Variable Scan Speed – Scan speed can be programmable between 1-40°/sec

- ✓ Programmable Limit Stops for Auto/Random/Frame Scan Modes

- ✓ Auto-sensing Protocol (Coaxitron▪▪® RS-422 P and D); Accepts Competitive Control Protocol with Optional Translator Card

- ✓ Built-in Menu System for Setup of Programmable Functions


## ALL CAMERAS

- ✓ Auto Focus with Manual Override

- ✓ Auto Iris with Manual Override

- ✓ Programmable Settings

- ✓ AC Line Lock

- ✓ NTSC/PAL

# Specifications

## ELECTRICAL

| | |
|---|---|
| Input Voltage | 24 VAC or 100-240 VAC |
| Input Voltage Range | ±10% |
| Power Consumption | Maximum 60 watts (120 VA) per system |
| Heater and Defroster | Microprocessor controlled |
| Electrical Connections | 6-foot pigtail wire harness with connections for power, video, data control, alarm inputs, and auxiliary outputs |
| Auxiliary Outputs | Three N/O or N/C relays, 32 VDC, 0.5 A. Relay 3 is allocated specifically for an external washer (not supplied by Pelco). |
| Alarm Inputs | 7 |

## MECHANICAL

| | |
|---|---|
| Cable Entry | One 0.75-inch (1.91 cm) NPT threaded opening; one explosionproof sealable fitting supplied |
| Pan Movement | 360° Continuous pan rotation |
| Vertical Tilt | Unostructed +90° to -90° |
| Variable Pan/Tilt Speed | |
| - Pan | 0.1° to 40°/sec variable-speed operation |
| - Tilt | 0.1° to 40°/sec variable-speed operation |
| Preset Speeds | |
| - Pan | 40°/sec |
| - Tilt | 40°/sec |