Spectra® Enhanced Series IP PTZ Domes
HIGH-SPEED PTZ, 30X, 2 MP, SUREVISION AND DEEP LEARNING CAPABLE

Product Features

- SureVision Technology, Including:
  - Up to 130 dB Wide Dynamic Range (WDR)
  - Advanced Low Light Down to 0.02 lux (Color), 0.013 lux (Mono)
  - Anti-Bloom Technology
  - 3D Noise Filtering
  - Enhanced Tone Mapping
- Up to 2 MP and up to 60 Images per Second (ips) Pan/Tilt Drive
- Robust Image Stabilization (EIS) with Gyro
- Built-in Analytics Suite
- Deep Learning Capable
- Power over Ethernet (802.3bt), 24 VAC, 48 VDC
- Pelco H.265 and H.264 Smart Compression Technology
- Three Automatic Defog Options
- Vandal Resistant IK10 Housing and Smoked or Clear Bubble
- SD Card Slot with Support for SDXC Cards
- Compatible with Pelco and Third-Party Video Systems
- ONVIF Profile S, Profile G, and Profile T Conformant
- 3-Year Warranty and Support

Top of the Line IP Performance

Pelco’s Spectra® Series of high speed IP PTZ domes provide top tier image quality, performance, and intelligent embedded features for state-of-the-art surveillance solutions. Low latency video and control make the camera incredibly easy to control. Direct Drive closed loop control enables blazing pan and tilt speeds up to 700 degree/second to position the camera on target avoiding perceived PT delays so that critical forensic evidence is captured. Direct Drive closed loop systems have advantages such as limited wear and tear and maintenance, extremely accurate positioning, and the camera always knows its position.

Bi-directional power redundancy between PoE and 48 VDC/24 VAC ensures 24-hour, 365-day continuous operation even under unstable power supply situations.

Full High Definition SureVision 4.0 Cameras

Spectra Enhanced Series IP PTZ domes feature up to 2 MP, 30x optical zoom. They run at up to 60 frames per second and provide up to 130dB of Wide Dynamic Range (WDR) with Pelco’s latest SureVision 4.0 low light performance.

Intelligent Imaging Features

The Spectra Enhanced Series PTZ domes have the capability to run deep learning DNN analytics. Included in all models are a Pelco Enhanced Suite of analytics including: Abandoned Object, Adaptive Motion Detection, AutoTracker, Camera Sabotage, Directional Motion, Loitering Detection, Object Counting, Object Removal, and Stopped Vehicle. Spectra Enhanced also allows for up to 32 window blanking privacy zones that are configurable with custom blurring options. Three levels of Image Defog provide options for enhancing the image on foggy or rainy days. Five White Balance modes are available for overcoming difficult lighting conditions day and night. A Vivid Imaging mode can be enabled to automatically increases color saturation and sharpening. Spectra Enhanced supports up to 2TB of onboard local storage (not supplied) that is easily accessible through the ONVIF Profile G protocol or FTP.

Intuitive Design

Spectra Enhanced Series features the same ease of installation and maintenance that the industry has come to expect from Spectra. For ease of installation, there is a top cover that is hinged. Each dome system consists of a back-box, a dome drive, and an IK10 rated lower dome. There is a choice of three form factors: in-ceiling, environmental in-ceiling, and environmental pendant.

VMS Integration

Spectra Enhanced Series easily connects to Pelco IP and hybrid video systems such as VideoXpert, Endura 2.0 (or later), and Digital Sentry 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.

Pelco endeavors to be the most open and integrated camera provider in the industry and as a part of that effort Spectra Enhanced is integrated with a long and ever-growing list of 3rd party software and Video Management Systems (VMS).
BACK BOX FEATURES

NOTE: VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.

In-Ceiling (Indoor)
- Single Back Box for Suspended or Hard Ceiling Applications with White Trim Ring, RAL9003
- Requires 13.35 cm (5.25 in.) Space Above Ceiling and 8.25 cm (3.25 in.) Below
- Minimum Ceiling Thickness 1.27 cm (0.50 in.); Maximum 4.45 cm (1.75 in.)
- Aluminum Construction, IK10 Rated Housing and Nylon Bubble
- Suitable for Use in Environmental Air Handling Spaces
- −10° to 55°C (14° to 131°F) Sustained Operating Temperature

Environmental Pendant
- Environmental Pendant Available in White Finish (RAL9003) or Black Finish (RAL9017)
- Aluminum Construction, IK10 Rated Housing and Nylon Bubble
- Type 4X, IP66, and IP67
- Uses 1 1/2-inch NPT Thread
- Includes Heater, Blower, and Sun Shield
- −50° to 60°C (−58° to 140°F) Sustained Operating Temperature
In-Ceiling (Environmental)

- Single Back Box for Suspended or Hard Ceiling Applications with Black Trim Ring, RAL9017
- Requires 13.35 cm (5.25 in.) Space Above Ceiling and 8.25 cm (3.25 in.) Below
- Minimum Ceiling Thickness 1.27 cm (0.50 in.); Maximum 4.45 cm (1.75 in.)
- Aluminum Construction, IK10 Rated Housing and Nylon Bubble
- Type 4X, IP66, and IP67
- Includes Heater and Blower
- –50°C to 60°C (–58°F to 140°F) Sustained Operating Temperature
<table>
<thead>
<tr>
<th>Specification</th>
<th><strong>30X Low Light</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor Type</td>
<td>1/2.8-inch Type Exmor CMOS Sensor</td>
</tr>
<tr>
<td>Optical Zoom</td>
<td>30X</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>10X</td>
</tr>
<tr>
<td>Maximum Resolution</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Lens</td>
<td>f/1.6 – f/4.7, focal length 4.3 mm (wide) – 129.0 mm (tele)</td>
</tr>
<tr>
<td>Horizontal Angle of View</td>
<td>59.8° wide - 2.3° tele</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Light Sensitivity</td>
<td></td>
</tr>
<tr>
<td>Color (33 ms)</td>
<td>0.02 lux (Color)</td>
</tr>
<tr>
<td>Color (250 ms)</td>
<td>0.0025 lux (Color)</td>
</tr>
<tr>
<td>Mono (33 ms)</td>
<td>0.013 lux (Mono)</td>
</tr>
<tr>
<td>Mono (250 ms)</td>
<td>0.0016 lux (Mono)</td>
</tr>
<tr>
<td><strong>Note:</strong> Sensitivity in lux for 90% reflectance, f/1.6 (wide angle), 50 dB gain at 30 IRE (30% of signal level) with Sensitivity Boost OFF; 4X improvement to sensitivity with Sensitivity Boost ON</td>
<td></td>
</tr>
<tr>
<td>Day/Night Capabilities</td>
<td>Yes</td>
</tr>
<tr>
<td>Shutter Range</td>
<td>1/1 – 1/10,000 sec</td>
</tr>
<tr>
<td>Signal-to-Noise Ratio</td>
<td>&gt;50dB</td>
</tr>
<tr>
<td>IR Cut Filter</td>
<td>Yes</td>
</tr>
<tr>
<td>Wide Dynamic Range</td>
<td>Up to 130 dB maximum; 120 dB per IEC62676</td>
</tr>
<tr>
<td>Iris Control</td>
<td>Auto iris with manual override</td>
</tr>
<tr>
<td>Backlight Compensation</td>
<td>Yes</td>
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<tr>
<td>Automatic Gain Control</td>
<td>Yes</td>
</tr>
<tr>
<td>Active Noise Filtering</td>
<td>3D Noise Filtering</td>
</tr>
<tr>
<td>Electronic Image Stabilization (EIS)</td>
<td>Yes</td>
</tr>
</tbody>
</table>
SOFTWARE FEATURES

- 256 presets
- 32 tours
- ±0.05° preset accuracy
- 8 configurable scans
- Patterns—8 recordable patterns (up to 5 minutes each)
- Multilingual menus (English, Spanish, Portuguese, Italian, German, French, Russian, Turkish, Simplified Chinese, and Korean)
- Password protection
- 32 window blanks, configurable in size
- "Auto Flip" feature rotates dome 180° at bottom of tilt travel
- Configurable park with actions
- Proportional pan/tilt continually decreases pan/tilt speeds in proportion to depth of zoom
- Pelco analytics including nine user-configurable behaviors
- Multiple DNN analytic behaviors
- Image Defog modes

PELCO ANALYTICS BEHAVIORS

Spectra Enhanced includes nine user-configurable behaviors. The camera is capable of running up to three behaviors simultaneously; although, the number of behaviors is limited to the available processing power of the camera and the type of analytic being used.

- **Abandoned Object**: Detects objects placed within a defined zone and triggers an alarm if the object remains in the zone longer than the user-defined time allows. An airport terminal is a typical installation for this behavior. This behavior can also detect objects left behind at an ATM, signaling possible card skimming.

- **Adaptive Motion Detection**: Detects and tracks objects that enter a scene and then triggers an alarm when the objects enter a user-defined zone. This behavior is primarily used in outdoor environments with light traffic to reduce the number of false alarms caused by environmental changes.

- **AutoTracker**: Detects and tracks movement in the field of view. When the AutoTracker behavior is configured, the system automatically pans and tilts to follow the moving object until the object stops or disappears from the monitored area.

- **Camera Sabotage**: Detects contrast changes in the field of view. An alarm is triggered if the lens is obstructed by spray paint, a cloth, or a lens cap. Any unauthorized repositioning of the camera also triggers an alarm.

- **Directional Motion**: Generates an alarm in a high traffic area when a person or object moves in a specified direction. Typical installations for this behavior include an airport gate or tunnel where cameras can detect objects moving in the opposite direction of the normal flow of traffic or an individual entering through an exit door.

- **Loitering Detection**: Identifies when people or vehicles remain in a defined zone longer than the user-defined time allows. This behavior is effective in real-time notification of suspicious behavior around ATMs, stairwells, and school grounds.

- **Object Counting**: Counts the number of objects that enter a defined zone. This behavior can be used to count the number of people at a store entrance/exit or inside a store where the traffic is light. This behavior is based on tracking and does not count people in a crowded setting.

- **Object Removal**: Triggers an alarm if an object is removed from a user-defined zone. This behavior is ideal for customers who want to detect the removal of high value objects, such as painting from a wall or a statue from a pedestal.

- **Stopped Vehicle**: Detects vehicles stopped near a sensitive area longer than the user-defined time allows. This behavior is idea for airport curbside drop-offs, parking enforcement, suspicious parking, traffic lane breakdowns, and vehicles waiting at gates.
VIDEO
Video Encoding  H.264 and H.265 High, Main, or Base profiles and MJPEG
Video Streams  Up to 3 simultaneous streams; the second stream is variable based on the setup of the primary stream
Frame Rate  Up to 60, 50, 30, 25, 15, 12.5, 10, 8.333, 7.5, 6, 5, 3, 2.5, 2 (depending on the coding, resolution, and stream configuration)
Available Resolutions

<table>
<thead>
<tr>
<th>Resolution</th>
<th>H.264 High Profile (IP GOP structure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPx</td>
<td>Width</td>
</tr>
<tr>
<td>2.07</td>
<td>1920</td>
</tr>
<tr>
<td>2.07</td>
<td>1920</td>
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<tr>
<td>0.92</td>
<td>1280</td>
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<tr>
<td>0.36</td>
<td>800</td>
</tr>
<tr>
<td>0.23</td>
<td>640</td>
</tr>
<tr>
<td>1.23</td>
<td>1280</td>
</tr>
<tr>
<td>0.48</td>
<td>800</td>
</tr>
<tr>
<td>0.31</td>
<td>640</td>
</tr>
<tr>
<td>0.08</td>
<td>320</td>
</tr>
</tbody>
</table>

NETWORK
Supported Protocols  TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, IPv6*, SNMP V2c/v3, QoS, HTTP, HTTPS, SSH, TLS, SMTP, FTP, 802.1x (EAP), and NTCIP 1205
Users  Unicast: Up to 20 simultaneous users depending on resolution settings (2 guaranteed streams)  Multicast: Unlimited users
Security Access  Password protected
Software Interface  Web browser view and setup
Pelco System Integration  Endura 2.0 (or later)  Digital Sentry 7.3 (or later)
Open API  Pelco API or ONVIF Profile S, G, Q, and T
Mobile Application  Integrated to Pelco Mobile App
Video Motion Detection  Simple motion detection and camera sabotage
Local Storage  SD card slot with support for SDXC cards  Capture 1–5–10 second video clips on camera sabotage, motion detection, or alarm input; record video continuously in the case of network outage with option to overwrite; access video through FTP protocol and ONVIF Profile G

MINIMUM SYSTEM REQUIREMENTS
Processor  Intel® Core™ i3 Processor, 2.4 GHz
Operating System  Windows® 7 (32-bit and 64-bit) with DirectX® 11, Windows XP Service Pack 3 with DirectX 9.0c, or Mac® OS X 10.4 (or later)
Memory  4 GB RAM
Network Interface Card  100 megabits (or greater)
Monitor  Minimum of 1024 x 768 resolution, 16- or 32-bit pixel color resolution

Analytic Systems  Pelco Interface: VideoXpert; VX Toolbox; Endura 2.0 (or later); Digital Sentry 7.3 (or later)
Open API  The Pelco API can transmit behavior alarm data to third-party applications, available at pdn.pelco.com

GENERAL
Construction  Back Box: Aluminum  Dome Drive: Aluminum, thermo plastic  Lower Dome: Nylon for 2 MP models
Light Attenuation  Smoked: f/0.5 light loss  Clear: f/0.0 light loss
Cable Entry (back box)  In-Ceiling: 0.75-inch conduit fitting  Pendant: Through 1.5-inch NPT pendant mount
Weight (1080p models)  In-Ceiling, Indoor: 3.0 kg (6.6 lb)  In-Ceiling, Environmental: 3.4 kg (7.5 lb)  Pendant, Environmental: 3.9 kg (8.6 lb)
Effective Projected Area (EPA)  Without mount and without sun shield, 43 square inches  Without mount with sun shield, 47 square inches  With IWM Series mount without sun shield, 92.5 square inches  With IWM Series mount with sun shield, 96.5 square inches

ALARM
Unsupervised  Detects open or closed alarm state
Supervised  Detects open and short alarm state with external 1-kohm resistor
Inputs (4)  3.5 VDC maximum, 3.5 mA maximum
Relay Outputs (2)  ±32 VDC maximum, 150 mA maximum

AUDIO
Input/Output  Line level; 600-ohm differential, 1Vp-p maximum signal level
Streaming  Embedded audio

Web Browser  Internet Explorer® 8.0 (or later) or Firefox 3.5 (or later); Internet Explorer 8.0 (or later) is recommended for configuring analytics

* Supports mixed IPv4 and IPv6 installations, but not IPv6-only deployments.
† Pelco Media Player is recommended for control, smoothness, and reduced latency as compared to QuickTime.
TECHNICAL SPECIFICATIONS

OPERATING TEMPERATURE
In-Ceiling (Indoor):
- Operating Temperature: –10°C to 55°C (50°F to 131°F)
- Cold Start: –10°C
Environmental Units:
- Sustained Operating Temperature: –50°C to 60°C (–58°F to 140°F)
- Absolute Max Operating Temperature: 65°C (4 hours per day)
- Cold Start: –40°C (–40°F)
- Ice Free: –20°C (–4°F)
- De-Ice: –20°C (–4°F)
- Storage Temperature: –20°C to 65°C (–4°F to 149°F)

OPERATING HUMIDITY
In-Ceiling (Indoor) 10 to 90% RH (noncondensing)
Environmental In-Ceiling, Environmental Pendant 10 to 100% RH

MECHANICAL
(Dome Drive Only)
- Variable Speed: 0.05° to 100°/sec (manual pan speed)
- Preset Accuracy: ±0.05°
- Pan Movement: 360° continuous pan rotation
- Vertical Tilt: +1° to –90°
- Maximum Pan Speed: Up to 700° per second
- Maximum Tilt Speed: Up to 500° per second
- Manual Pan/Tilt Speeds
  - Pan: 0.05° to 100°/sec manual operation
  - Tilt: 0.05° to 50°/sec manual operation
- Preset Speeds
  - Pan: 700°/sec
  - Tilt: 500°/sec

PELCO’S H.264 SMART COMPRESSION TECHNOLOGY
Pelco’s H.264 Smart Compression Technology lowers bandwidth and storage requirements by up to 70%, while reducing storage requirements.

Pelco’s Smart Compression Technology dynamically analyzes motion occurring within live video in real-time, to intelligently compress the information you don’t need, while retaining details with clear quality in the areas that are important in the scene. By enabling Dynamic GOP, an added feature of Smart Compression, the number of I-frames are automatically reduced in scenes with low motion. Based on the complexity of scenes and motion occurring, such as a store room that has limited entry and exit, up to 70% bandwidth savings can be achieved.

PELCO CAMERA LINK
Pelco Camera Link technology brings together the best of two flagship Pelco products: You get the seamless and continual situational awareness of Optera across a wide space along with the ability to automatically zoom in for great detail with nearby Spectra Enhanced and follow people and vehicles closely.
### ELECTRICAL

<table>
<thead>
<tr>
<th>Port</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ-45</td>
<td>RJ-45 connector for 100Base-TX as well as 1000Base-TX</td>
</tr>
<tr>
<td>Auto MDI/MDI-X</td>
<td>Auto MDI/MDI-X</td>
</tr>
<tr>
<td>Autonegotiate/manual setting</td>
<td></td>
</tr>
<tr>
<td>Cabling Type</td>
<td>Cat5e or better</td>
</tr>
<tr>
<td>SFP/FSFP Interface</td>
<td>Supports Pelco FSFP Series transceivers and third-party MSA compliant transceivers</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>20 to 32 VAC; 24 VAC nominal</td>
</tr>
<tr>
<td></td>
<td>42 to 53 VDC; 48 VDC nominal</td>
</tr>
<tr>
<td>Input Power</td>
<td>2 A (30 VA) maximum for indoor or environmental units without heater</td>
</tr>
<tr>
<td></td>
<td>4.8 A (71 VA) maximum for environmental unit with heater</td>
</tr>
<tr>
<td>24 VAC</td>
<td>1 A (40 W) maximum for indoor or environmental units without heater</td>
</tr>
<tr>
<td></td>
<td>1.9 A (80 W) maximum for environmental unit with heater</td>
</tr>
<tr>
<td>48 VDC</td>
<td>0.7 A (32 W) maximum for indoor or environmental units without heater</td>
</tr>
<tr>
<td>PoE (802.3bt)</td>
<td>1.3 A (70 W) maximum for environmental unit with heater</td>
</tr>
</tbody>
</table>

### CERTIFICATIONS/RATINGS/PATENTS

- CE, Class A
- FCC, Class A
- ICES-003, Class A
- UL/cUL Listed
- BIS
- NOM
- RCM
- NEMA TS-2 para 2.2.7 - 2.2.9
- ONVIF Profile S
- ONVIF Profile G
- ONVIF Profile Q
- Cisco® Medianet Media Services Proxy 2.0 compatible
- IEC 62676 Part 5
- Environmental models were tested in accordance with:
  - IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, and IEC 60068-2-78, IEC 60068-2-6, and IEC 60068-2-27, EN61373 (Category 1, Class B)
- Environmental models meet Type 4X, IP66, and IP67 standards when installed properly
- U.S. Patents 5,931,432; 6,793,415 B2; 6,821,222 B2; 6,802,656 B2; 6,793,415 B2
- IK10 impact-resistant housing and bubble on all models were tested in accordance with:
  - IEC 62262
TECHNICAL SPECIFICATIONS

SYSTEM MODEL NUMBERS

<table>
<thead>
<tr>
<th>Type</th>
<th>Back Box Color</th>
<th>Lower Dome</th>
<th>System Resolution</th>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-ceiling, Indoor</td>
<td>Black</td>
<td>Smoked</td>
<td>2 MP 30X</td>
<td>S7230L-FW0</td>
<td>Spectra Enhanced Dome 1080p</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clear</td>
<td>2 MP 30X</td>
<td>S7230L-FW1</td>
<td>Spectra Enhanced Dome 1080p</td>
</tr>
<tr>
<td>In-ceiling, Environmental</td>
<td>Black</td>
<td>Smoked</td>
<td>2 MP 30X</td>
<td>S7230L-YB0</td>
<td>Spectra Enhanced Dome 1080p</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clear</td>
<td>2 MP 30X</td>
<td>S7230L-YB1</td>
<td>Spectra Enhanced Dome 1080p</td>
</tr>
<tr>
<td>Pendant, Environmental</td>
<td>White</td>
<td>Smoked</td>
<td>2 MP 30X</td>
<td>S7230L-EW0</td>
<td>Spectra Enhanced Dome 1080p</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clear</td>
<td>2 MP 30X</td>
<td>S7230L-EW1</td>
<td>Spectra Enhanced Dome 1080p</td>
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<tr>
<td>Pendant, Environmental</td>
<td>Black</td>
<td>Smoked</td>
<td>2 MP 30X</td>
<td>S7230L-EB0</td>
<td>Spectra Enhanced Dome 1080p</td>
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<tr>
<td></td>
<td></td>
<td>Clear</td>
<td>2 MP 30X</td>
<td>S7230L-EB1</td>
<td>Spectra Enhanced Dome 1080p</td>
</tr>
</tbody>
</table>

COMPONENT MODEL NUMBERS

<table>
<thead>
<tr>
<th>Back Box</th>
<th>High Definition (HD) Lower Dome*</th>
<th>Dome Drive</th>
</tr>
</thead>
<tbody>
<tr>
<td>B7-F</td>
<td>LD7F-0 Indoor, White, Smoked, 1080p</td>
<td>D7230L 30X</td>
</tr>
<tr>
<td>B7-F-E</td>
<td>LD7F-1 Indoor, White, Clear, 1080p</td>
<td></td>
</tr>
<tr>
<td>B7-PW-E</td>
<td>LD7PB-0 Environmental, Black, Smoked, 1080p</td>
<td></td>
</tr>
<tr>
<td>B7-PB-E</td>
<td>LD7PB-1 Environmental, Black, Clear, 1080p</td>
<td></td>
</tr>
</tbody>
</table>

RECOMMENDED MOUNTS

Pendant Domes
- IWM-SW: Wall mount, white finish; can be adapted for corner, parapet, or pole application
- IWM24-SW Series: Wall mount, with integral 24 VAC, 100 VA transformer; white finish; can be adapted for corner, parapet or pole application
- PP350/PP351: Parapet wall/roof mount
- SWM Series: Compact wall mount, white or black finish; can be adapted for corner or pole applications
- IDM4012SS-SW: Mount arm feed-thru, stainless steel, RAL 9003
- IDM4018-SW: Mount arm feed-thru, white, RAL 9003

WIND SPECIFICATIONS
- Full Motion Control: 0 to 130 knots (150 mph/241 kmh)

OPTIONAL ACCESSORIES
- POE90U1BT-EUK: 90W HPoE 802.3BT single port injector EU and UK power cord included
- POE90U1BT-US: 90W HPoE 802.3BT single port injector US power cord included
- POE90U1BT: 90W HPoE 802.3BT single port injector power cord not included
- WCS1-4 Model (WCS Series): Outdoor single 24 VAC power supply
- ECPS-48VDC-5A: 48 VDC indoor power supply

In-Ceiling Domes
- SD5-P: 2’ x 2’ ceiling panel, aluminum construction; replaces 2’ x 2’ ceiling tile
- SCA1: Support rails for B7-F; for use in ceiling tile applications

Corrosion Resistance
- IWM-MKIT: Marine kit is designed to protect the Spectra Series dome system mounted to the IWM arm from galvanic corrosion.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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