Stainless Steel Spectra® IV SE Series
BACK BOX AND LOWER DOME

Product Features
- All Stainless Steel Construction
- Built-in Back Box Memory
- Integrated Passive UTP Circuit
- 7 Alarm Inputs; 2 Programmable Auxiliary Outputs
- Built-in Surge and Limited Lightning Protection
- Compatible with 29X and 36X Spectra® IV SE Dome Drives
- Bubble Constructed of Optically Clear Acrylic
- Environmental Pendant Model Only
- Indoor/Outdoor Applications
- Meets NEMA Type 4X and IP66 Standards
- Ability to Add IP Network Capability by Purchasing Optional TXB-N Module

Pelco’s Stainless Steel Spectra® IV SE Series is designed for harsh environmental installations and meets NEMA Type 4X and IP66 standards.

The components (back box and lower dome) provide added protection against corrosive conditions. The pendant-style back box (BB4-PSG-E) is constructed of Type 316 Stainless Steel (SS) and includes a sun shield (also constructed of Type 316 SS), heater, and fan. The lower dome features a trim ring constructed of Type 316 SS and an optically clear bubble that is available in smoked (LD53PSB-0) or clear (LD53PSB-1) acrylic.

The Stainless Steel Spectra IV SE Series has all the features of the Spectra IV SE dome system (built-in back box memory, two auxiliary outputs, seven alarm inputs) and is also compatible with all Spectra IV SE dome drives.

Camera and lens options for the Stainless Steel Spectra IV SE Series include:
- Day/night camera, 128X wide dynamic range, motion detection, electronic image stabilization, image enhancement, LowLight™ technology, and 36X optical zoom with 12X digital zoom
- Day/night camera, 128X wide dynamic range, motion detection, LowLight technology, and 29X optical zoom with 12X digital zoom

For an alternative mounting option use the IDM4012SS wall mount. The IDM4012SS mount is designed specifically for the Stainless Steel Spectra IV SE Series and features all stainless steel construction and conduit access in the bottom and back of the mount.
TECHNICAL SPECIFICATIONS

SYSTEM MODEL NUMBERS

<table>
<thead>
<tr>
<th>Back Box Type</th>
<th>Lower Dome</th>
<th>29X Day/Night*</th>
<th>36X Day/Night*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental</td>
<td>Smoke</td>
<td>SD429-PSGEO</td>
<td>SD436-PSGEO</td>
</tr>
<tr>
<td>Pendant</td>
<td>Clear</td>
<td>SD429-PSGE1</td>
<td>SD436-PSGE1</td>
</tr>
</tbody>
</table>

COMPONENT MODEL NUMBERS

<table>
<thead>
<tr>
<th>Back Box</th>
<th>Lower Dome</th>
<th>Dome Drive*</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB4-PSG-E</td>
<td>LD53PSB-0</td>
<td>DD429</td>
</tr>
<tr>
<td>LED Pendant</td>
<td>Smoked, pendant, black trim ring 316 SS</td>
<td>Day/night (NTSC) camera (29X)</td>
</tr>
<tr>
<td>Environmental</td>
<td>LD53PSB-1</td>
<td>DD436</td>
</tr>
<tr>
<td>Pendant</td>
<td>Clear, pendant, black trim ring 316 SS</td>
<td>Day/night (NTSC) camera (36X)</td>
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<tr>
<td></td>
<td></td>
<td>DD5-FM†</td>
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<tr>
<td></td>
<td></td>
<td>Removable, fixed mount bracket only (camera and lens not included); interchangeable with all Spectra IV dome drives</td>
</tr>
</tbody>
</table>

*For PAL and CCIR models add “-X” suffix to part number (for example: SD429-PSGEO-X or DD429-X)

† DD5-FM accepts camera and lens combinations including a BNC connector up to 12.70 x 6.99 x 6.99 cm (5.00” D x 2.75” W x 2.75” H).

ELECTRICAL

Input Voltage 18 to 32 VAC; 24 VAC nominal
Input Power
24 VAC 73 VA nominal
24 VDC 3 A nominal
Fuse 1.6 A
Auxiliary Outputs 2
Alarm Inputs 7

GENERAL

Construction
Back Box 316 stainless steel; gray, polyurethane powder coated finish
Lower Dome 316 stainless steel; black, polyurethane powder coated finish
Trim Ring Acrylic, clear or smoked
Bubble Through a 1.5-inch NPT back box pendant mount
Cable Entry
Weight (approximate) Unit Shipping
Back Box 4.75 lb (2.15 kg) 7 lb (3.18 kg)
Lower Dome 1.83 lb (0.83 kg) 4 lb (1.81 kg)
Dome Drive 3.3 lb (1.48 kg) 4.9 lb (2.22 kg)
Environment Indoor/outdoor
Operating Temperature (Assumes no wind chill factor; for detailed test conditions, contact Pelco)
Maximum 140°F (60°C) absolute maximum; 122°F (50°C) sustained maximum
Minimum –60°F (–51.11°C) absolute minimum; minimal icing at sustained minimum of –50°F (–45.56°C); prevents icing at sustained minimum of –40°F (–40°C); de-ices 0.1 inch (2.5 mm) within 3 hours after power-up

CERTIFICATIONS

- CE, Class B
- FCC, Class B
- UL/CUL Listed
- C-Tick
- S Mark for Argentina
- Meets NEMA Type 4X, IP66 standards when installed properly

OPTIONAL ACCESSORIES

IPS-CABLE Remote monitor cable and software. See www.pelco.com for a list of compatible devices.
IPS-RDPE-2 Remote data port. 24 VAC, wall/pole mount video/data breakout box. Allows ground-level control/programming and software upgrades when used with the IPS-CABLE.
TXB Series Translator boards for AD Manchester, Hernis, Bosch® (Philips, Burle), TASS, and NTICP protocols.
TXB-N Series Network-based communication module that allows you to control and monitor Spectra IV dome systems over an IP network (in-ceiling and pendant models only). When TXB-N is installed in the camera’s back box, the camera system supports Web and Endura connectivity to Pelco products and open architecture connectivity to third-party software. TXB-N provides simultaneous access to the camera from both an analog and IP-based control point.
FS85011A Fiber transmitter sends one unidirectional composite video channel and one bidirectional data channel over one multi-mode or single-mode fiber optic cable.

RECOMMENDED POWER SUPPLIES

WCS Series Single/multiple 24 VAC camera power supply, outdoor

RECOMMENDED MOUNT

IDM4012SS Stainless steel wall mount with feed-through capabilities

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