

## 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



**ENVIRONMENTAL PENDANT  
BB4-PSG-E AND LD53PSB-1  
(SHOWN WITH IDM4012SS WALL MOUNT)**

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

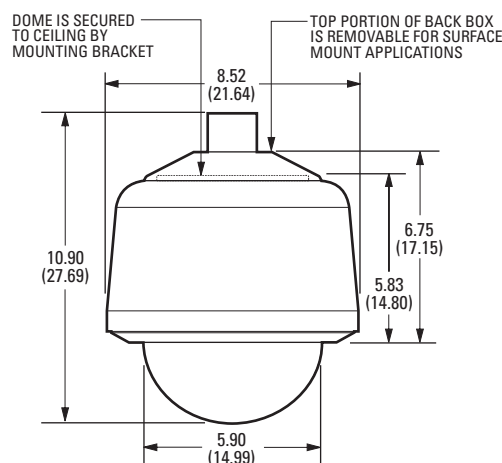
The components (back box and lower dome) provide added protection against corrosive conditions. The pendant-style back box (**BB4-PSG-E**) is constructed of Type 316 Stainless Steel (SS) and includes a sun shield (also constructed of Type 316 SS), heater, and fan. The lower dome features a trim ring 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.



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



by **Schneider Electric**

International Standards  
Organization Registered Firm;  
ISO 9001 Quality System



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# TECHNICAL SPECIFICATIONS

## SYSTEM MODEL NUMBERS

| Back Box Type         | Lower Dome | 29X Day/Night* | 36X Day/Night* |
|-----------------------|------------|----------------|----------------|
| Environmental Pendant | Smoked     | SD429-PSGE0    | SD436-PSGE0    |
|                       | Clear      | SD429-PSGE1    | SD436-PSGE1    |

## COMPONENT MODEL NUMBERS

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

\*For PAL and CCIR models add "-X" suffix to part number (for example: SD429-PSGE0-**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            |                                                                                                                                                                                                          |
| Trim Ring             | 316 stainless steel; black, polyurethane powder coated finish                                                                                                                                            |
| Bubble                | Acrylic, clear or smoked                                                                                                                                                                                 |
| Cable Entry           | Through 1.5-inch NPT back box pendant mount                                                                                                                                                              |
| 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 <a href="http://www.pelco.com">www.pelco.com</a> 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 NTCIP 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.                                                                                                                                                                                                                                                                                        |

†If TXB/TXB-N Series or FS85011A boards are installed, it is not possible to upgrade system operating software through the remote data port (IPS-RDPE-2).

## RECOMMENDED POWER SUPPLIES

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

## RECOMMENDED MOUNT

|           |                                                           |
|-----------|-----------------------------------------------------------|
| IDM4012SS | Stainless steel wall mount with feed-through capabilities |
|-----------|-----------------------------------------------------------|

▲ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).  
▲ **ADVERTENCIA:** Cáncer y Daño Reproductivo - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).  
▲ **AVERTISSEMENT:** Cancer et Troubles de l'appareil reproducteur - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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