



Stainless Steel Spectra III™ Series

BACK BOX AND LOWER DOME

Product Features

- All Stainless Steel Construction
- Built-in Back Box Memory
- 7 Alarm Inputs; 2 Programmable Auxiliary Outputs
- Built-in Surge and Limited Lightning Protection
- Compatible with All Spectra III SE and Spectra III Dome Drives
- Bubble Constructed of Optically Clear Acrylic
- Environmental Pendant Model Only
- Indoor/Outdoor Applications
- Meets NEMA Type 4X and IP66 Standards



**ENVIRONMENTAL PENDANT
BB53-PSG-E AND LD53PSB-1
(SHOWN WITH IDM4012SS WALL MOUNT)**

Pelco's **Stainless Steel Spectra III™** is designed for harsh environmental installations and meets NEMA Type 4X and IP66 standards.

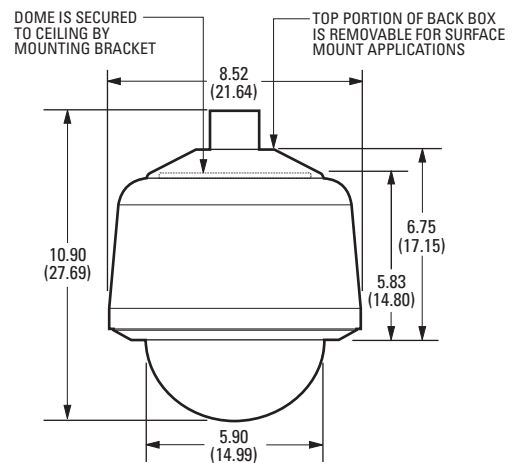
The components (back box and lower dome) provide added protection against corrosive conditions. The pendant-style back box (**BB53-PSG-E**) is constructed of Type 316 Stainless Steel (SS) and includes a sun shield (also constructed of Type 316 SS), heater and fan. The lower dome features a trim ring 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 III** has all the features of the Spectra III SE dome system (built-in back box memory, two auxiliary outputs, seven alarm inputs) and is also compatible with all Spectra III SE and Spectra III dome drives.

Camera and lens options for the **Stainless Steel Spectra III** include:

- Day/night camera, 80X wide dynamic range, motion detection, LowLight™ technology, and 23X optical zoom with 10X digital zoom
- Day/night camera, LowLight technology, and 18X optical zoom with 10X digital zoom
- High-resolution color camera with an EXview HAD™ CCD, LowLight technology 22X optical zoom with 12X digital zoom
- High-resolution black-white camera with an EXview HAD CCD, LowLight technology and a 22X optical zoom with 12X digital zoom
- High-resolution color camera with LowLight technology 16X optical zoom with 8X digital zoom

For an alternative mounting option use the **IDM4012SS** wall mount. The **IDM4012SS** mount is designed specifically for the **Stainless Steel Spectra III 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.



C2437 / REVISED 2-06

IP66



International Standards
Organization Registered Firm,
ISO 9001 Quality System



TECHNICAL SPECIFICATIONS

SYSTEM MODEL NUMBERS

Back Box Type	Lower Dome	SPECTRA III		SPECTRA III SE		
		16X Color*	18X Day/Night*	23X Day/Night*	22X Color*	22X Black-White*
Environmental Pendant	Smoked	SD53TC-PSGE0	SD5318-PSGE0	SD53CBW-PSGE0	SD53C22-PSGE0	SD53M22-PSGE0
	Clear	SD53TC-PSGE1	SD5318-PSGE1	SD53CBW-PSGE1	SD53C22-PSGE1	SD53M22-PSGE1

COMPONENT MODEL NUMBERS

Back Box	Lower Dome	Dome Drive*
BB53-PSG-E Environmental Pendant mount, gray 316 SS	LD53PSB-0 Smoked, pendant, black trim ring 316 SS	DD53TC16 Color (NTSC) camera (128X)
	LD53PSB-1 Clear, pendant, black trim ring 316 SS	DD53CBW18 Day/night (NTSC) camera (180X)
		DD53CBW Day/night (NTSC) camera (230X)
		DD53C22 Color (NTSC) camera (264X)
		DD53M22 Black-white (EIA) camera (264X)
		DD5-FM** Removable, fixed mount bracket only (camera and lens not included). Interchangeable with all Spectra III dome drives.

*For PAL and CCIR models add "-X" suffix to part number. (Example: SD53C22-PSGE0-X or DD53C22-X)

**DD5-FM is ideal for use with Pelco's CCC1380, CCC1390, and MCC1380 Series cameras with selected Pelco lenses.

ELECTRICAL

Input Voltage	18-30 VAC; 24 VAC nominal
Input Power	75 VA nominal
Fuse	1.6A
Auxiliary Outputs	2
Alarm Inputs	7

GENERAL

Construction	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	2.4 lb (1.09 kg)	4 lb (1.81 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.	

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 Spectra III OS software upgrades when used with the IPS-RMK or IPS-CABLE.
IPS-RMK TXB Series	Remote monitor kit. Translator boards for AD Manchester, Bosch (Philips, Burle), Sensomatic, Vicon, and NTCIP protocols.
VC-UTP	Converts video for use with unshielded twisted pair (UTP); maximum distance to passive receiver 500 feet (152 m). Plugs into TXB connector in Spectra back box. Coaxitron-ready when used with passive receiver. Works with all major suppliers of UTP modules. Not for use in conjunction with TXB boards.
FS85011 [†]	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 or FS85011 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
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RECOMMENDED MOUNT

IDM4012SS	Stainless steel wall mount with feed-through capabilities
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CERTIFICATIONS

- CE, Class B
- UL Listed
- UL Listed to Canadian safety standards
- FCC, Class B
- Meets NEMA Type 4X, IP66 standards when installed properly
- Complies with Argentina compliance requirements under Res. 92/98



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