

SPECTRA III™ SERIES DISCREET DOME SYSTEM, NTSC

TECHNICAL SPECIFICATIONS

SECURITY SYSTEM

DIVISION – 28 ELECTRONIC SAFETY AND SECURITY

LEVEL 1___28 20 00 ELECTRONIC SURVEILLANCE

LEVEL 2___28 23 00 VIDEO SURVEILLANCE

LEVEL 3___28 23 29 VIDEO SURVEILLANCE REMOTE DEVICES AND SENSORS

PART 2 - PRODUCTS

2.01 GENERAL

- A. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in —actual use.
- C. All systems and components shall be provided with the availability of a toll-free (U.S. and Canada), 24-hour technical assistance program (TAP) from the manufacturer.- The TAP shall allow for immediate technical assistance for either the dealer/installer or the end user at no charge for as long as the product is installed.
- D. All systems and components shall be provided with a one-day turnaround repair express and 24-hour parts replacement. The repair and parts express shall be guaranteed by the manufacturer on warranty and nonwarranty items.

2.02 INDOOR/OUTDOOR CCTV CAMERA DOME SYSTEM

- A. The indoor/outdoor CCTV camera dome system shall be a discreet, miniature camera dome system consisting of a dome drive with a variable speed/high speed pan and tilt drive unit with continuous 360° rotation, 1/4-inch high resolution color CCD camera, motorized zoom lens with optical and digital zoom and autofocus; and an enclosure consisting of a back box, lower dome, and a quick-install mounting.
- B. The indoor/outdoor CCTV camera dome system shall meet or exceed the following design and performance specifications.

2.03 DOME DRIVE

- A. The variable speed/high speed pan and tilt drive unit shall meet or exceed the following design and performance specifications:
 - 1. Pan Speed Variable between 250° per second continuous pan to 0.1° per second
 - 2. Vertical Tilt Unobstructed tilt of +2° to -92°
 - 3. Manual Control Speed Pan speed of 0.1° to 80° per second, and pan at 150° per second in turbo mode. Tilt operation shall range from 0.1° to 40° per second
 - 4. Automatic Preset Speed Pan speed of 250° and a tilt speed of 200° per second
 - 5. Presets Ninety-nine preset positions with a 20-character label available for each position; preset programming through control keyboard or through dome system on-screen menu
 - 6. Preset Accuracy +/- 0.25°

7. Proportional Pan/Tilt Speed	Speed decreases in proportion to the increasing depth of zoom
8. Automatic Power-Up	User-selectable to the mode of operation the dome will assume when power is cycled
9. Zones	Eight zones with up to 20-character labeling for each, with ability to blank the video in the zone
10. Motor Drive	Cogged belt with 0.9° stepper motor
11. Motor Operating Mode	Microstep to 0.015° steps
12. Motor	Continuous duty, variable speed, operating at 18 to 30 VAC, 24 VAC nominal
13. Limit Stops	Programmable for manual panning, auto/random scanning, and frame scanning
14. Inner Liner	Rotating black ABS liner inside sealed lower dome
15. Pattern	One user-defined programmable pattern including pan, tilt, zoom, and preset functions; pattern programming through control keyboard or through dome system on-screen menu
16. Pattern Length	One pattern of user-defined length, based on dome memory
17. Autosensing	Automatically sense and respond to protocol utilized for controlling unit whether Coaxitron® or RS-422 P and D protocols; accept competitors' control protocols with the use of optional translator cards
18. Menu System	Built-in for setup of programmable functions; multilingual, including English, French, Italian, Spanish, Portuguese, and German, and alternative languages in Russian, Turkish, Polish, and Czechoslovakian
19. Auto Flip	Rotates dome 180° at bottom of tilt travel
20. Password Protection	Programmable settings with optional password protection
21. Clear	Clear individual, grouped, or all programmed settings
22. Diagnostics	On-screen diagnostic system information
23. Display Setup	User-definable locations of all labels and displays; user-selectable time duration of each display
24. Azimuth/Elevation/Zoom	On-screen display of pan and tilt locations and zoom ratio
25. Compass Display	On-screen display of compass heading; user-definable compass setup
26. Video Output Level	User-selectable: normal, or high to compensate for long video wire runs
27. Dome Drive Compatibility	All dome drives are compatible with all back box configurations
28. RJ-45 Jack	Plug-in jack on dome drive for control and setup of unit and for uploading new operating code and language file updates. Compatible with personal computers and PDAs such as Palm and iPAQ

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| 29. Remote Data Port Compatibility | Ability to control and setup unit and to upload new operating code and language file updates through optional remote data port that is located in area with easy access. Compatible with personal computers and PDAs such as Palm and iPAQ |
| 30. UTP Compatibility | Ability to plug into back box an optional board that converts video output to passive, unshielded twisted pair transmission |
| 31. Fiber Optic Compatibility | Ability to plug into back box an FS85011 board that converts video output and control input to fiber optic transmission |
| 32. Third-Party Control Systems | Ability to plug in optional board that converts control signals from selected third-party controllers |
| 33. Power Consumption | Maximum 70 VA |
| 34. Text Overlay | Allows for a 20-character camera title |
- B. The high resolution, color CCD camera shall meet or exceed the following design and performance specifications:

Color (16X)

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| 1. Image Sensor | 1/4-inch |
| 2. Scanning System | 2:1 interlaced output |
| 3. Effective Pixels | NTSC – 768 X 494 |
| 4. Horizontal Resolution | NTSC – >470 TVL |
| 5. Lens | F1.4 (f=4-64 mm optical, 16X optical zoom, 8X electronic zoom) |
| 6. Programmable Zoom Speeds | 1.9, 3.6, or 6.0 seconds |
| 7. Horizontal Angle of View | 43° at 4 mm wide zoom – 3° at 64 mm telephoto zoom |
| 8. Focus | Automatic with manual override |
| 9. Sensitivity at 35 IRE | NTSC, color: 0.05 lux at 1/2-second shutter speed |
| 10. Synchronization System | AC line lock phase adjustable via remote control, V-sync |
| 11. White Balance | Automatic with manual override |
| 12. Shutter Speed | NTSC – 1/2-1/30,000 |
| 13. Iris Control | Automatic with manual override |
| 14. Gain Control | Automatic with manual override |
| 15. Video Output | 1 volt peak to peak, 75 ohms |
| 16. Video Signal-to-Noise | >50 dB |

Day/Night (18X)

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|-----------------------------|---|
| 1. Image Sensor | 1/4-inch |
| 2. Scanning System | 2:1 interlaced output |
| 3. Effective Pixels | NTSC – 724 X 494 |
| 4. Horizontal Resolution | NTSC – >470 TVL |
| 5. Lens | F1.6 (f=3.8~68.4 mm optical, 18X optical zoom, 10X electronic zoom) |
| 6. Programmable Zoom Speeds | 2.9, 4.2, or 5.8 seconds |
| 7. Horizontal Angle of View | 51° at 3.8 mm wide zoom – 3° at 68.4 mm telephoto zoom |

8. Focus	Automatic with manual override
9. Sensitivity at 35 IRE	0.08 lux at 1/2-second shutter speed (color) 0.3 lux at 1/60-second shutter speed (B-W) 0.013 lux 1/1.5-second shutter speed (B-W)
10. Synchronization System	Internal/AC line lock phase adjustable via remote control, V-sync
11. White Balance	Automatic with manual override
12. Shutter Speed	NTSC – 1/2-1/30,000
13. Iris Control	Automatic with manual override
14. Gain Control	Automatic/off
15. Video Output	1 volt peak to peak, 75 ohms
16. Video Signal-to-Noise	>50 dB

2.04 BACK BOX AND LOWER DOME

The back box and lower dome shall meet or exceed the following design and performance specifications:

A. Pendant Environmental

1. Connection to Dome Drive	Quick, positive mechanical and electrical disconnect without the use of any tools
2. Trap Door	Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics
3. Terminal Strips	Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes
4. Installation	Quick-mount wall, corner, pole, parapet, or ceiling adapter
5. Cable Entry	Through a 1.5-inch NPT fitting
6. Environmental Features	Factory-installed heaters, blowers, and sun shroud
7. Operating Temperatures	Maximum temperature range of -60° to 140°F (-51.1° to 60°C) for two hours, and a continuous operating range of -50° to 122°F (-51.1° to 50°C) continuous operation
8. Color	Gray, baked-on enamel powder coat
9. Construction	Aluminum
10. Lower Dome Material	Acrylic, optically clear, with no distortion in any portion of the dome up to +2° above the horizontal
11. Dome Color	Clear and smoked versions
12. Trim Ring Connection	Two captivated screws

B. In-Ceiling Environmental

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|-----------------------------|---|
| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes |
| 4. Installation | Quick-mount spring clips |
| 5. Cable Entry | Through a 0.75-inch conduit hole |
| 6. Environmental Features | Factory-installed heaters and blowers |
| 7. Operating Temperatures | Maximum temperature range of -60° to 140°F (-51.1° to 60°C) for two hours, and a continuous operating range of -50° to 122°F (-51.1° to 50°C) continuous operation |
| 8. Color | Black, baked-on enamel powder coat |
| 9. Construction | Aluminum |
| 10. Lower Dome Material | Acrylic, optically clear, with no distortion in any portion of the dome up to +2° above the horizontal |
| 11. Dome Color | Clear and smoked versions |
| 12. Trim Ring Connection | Two captivated screws |

C. In-Ceiling Interior

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|-----------------------------|---|
| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes |
| 4. Installation | Quick-mount spring clips |
| 5. Cable Entry | Through a 0.75-inch conduit hole |
| 6. Operating Temperatures | Maximum temperature range of 32° to 122°F (0° to 50°C) |
| 7. Color | Black back box, baked-on enamel powder coat; white trim ring |
| 8. Construction | Aluminum |
| 9. Lower Dome Material | Acrylic, optically clear, with no-distortion in any portion of the dome up to +2° above the horizontal |
| 10. Dome Color | Clear, smoked, chrome, and gold versions |
| 11. Trim Ring Connection | Snap in place |
| 12. Safety Cable | Plastic tether |

D. Pendant Standard

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|-----------------------------|---|
| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes |
| 4. Installation | Quick-mount wall, corner, pole, parapet, or ceiling adapter |
| 5. Cable Entry | Through a 1.5-inch NPT fitting |
| 6. Operating Temperatures | Maximum temperature range of 25° to 113°F (-4° to 45°C) for two hours, and a continuous operating range of 25° to 95°F (-4° to 35°C) continuous operation |
| 7. Colors | Gray or black, baked-on enamel powder coat |
| 8. Construction | Aluminum |
| 9. Lower Dome Material | Acrylic, optically clear, with no distortion in any portion of the dome up to +2° above the horizontal |
| 10. Dome Color | Clear, smoked, chrome, and gold versions |
| 11. Trim Ring Connection | Two captivated screws |

E. Surface Mount Interior

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|-----------------------------|---|
| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes. |
| 4. Installation | Surface mount |
| 5. Cable Entry | Through a 0.75-inch conduit hole |
| 6. Operating Temperatures | Maximum temperature range of 32° to 122°F (0° to 50°C) |
| 7. Colors | Black or white finish |
| 8. Construction | Plastic |

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| 9. Lower Dome Material | Acrylic, optically clear, with no distortion in any portion of the dome up to +2° above the horizontal |
| 10. Dome Color | Clear, smoked, chrome, and gold versions |
| 11. Trim Ring Connection | Snap in place |
| 12. Safety Cable | Plastic tether |

F. Heavy Duty In-Ceiling Interior

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|-----------------------------|--|
| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes |
| 4. Auxiliary Connections | One Form-C relay output at <40 V, 2 A maximum, and a second open collector output at 32 VDC maximum at 30 mA |
| 5. Alarm Inputs | Seven alarm inputs |
| 6. Installation | Quick-mount spring clips |
| 7. Cable Entry | Through a 0.75-inch conduit hole |
| 8. Operating Temperatures | Maximum temperature range of 32° to 122°F (0° to 50°C) |
| 9. Memory | Built-in memory storage of camera and location-specific dome settings such as presets and patterns. If new dome drive is installed in back box, all settings to download automatically into new dome drive |
| 10. Color | Black, baked-on enamel powder coat |
| 11. Construction | Aluminum, with 0.090-inch thick, clear polycarbonate lower dome and aluminum trim ring |
| 12. Trim Ring Connection | Barrel type key locks |
| 13. Lower Dome Protection | Available with optional stainless steel cage around lower dome. Bars of cage not to interfere with picture at medium to high zoom rates |

G. Heavy Duty Pendant Environmental

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|-----------------------------|---|
| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect, without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes |

4. Auxiliary Connections	One Form-C relay output at <40 V, 2 A maximum, and a second open collector output at 32 VDC maximum at 30 mA
5. Alarm Inputs	Seven alarm inputs
6. Installation	Quick-mount wall, corner, pole, parapet, or ceiling adapter
7. Cable Entry	Through a 1.5-inch NPT fitting
8. Environmental Features	Factory-installed heaters, blowers, and sun shroud
9. Operating Temperatures	Maximum temperature range of -60° to 140°F (-51.1° to 60°C) for two hours, and a continuous operating range of -50° to 122°F (-51.1° to 50°C) continuous operation
10. Memory	Built-in memory storage of camera and location- specific dome settings such as presets and patterns. If new dome drive is installed in back box, all settings to download automatically into new dome drive
11. Color	Gray, baked-on enamel powder coat
12. Construction	Tough, dual wall aluminum enclosure with a 0.090-inch thick, clear polycarbonate lower dome and aluminum trim ring
13. Trim Ring Connection	Barrel type key locks
14. Lower Dome Protection	Available with optional stainless steel cage around lower dome. Bars of cage not to interfere with picture at medium to high zoom rates

H. Heavy Duty Pendant Standard

1. Connection to Dome Drive	Quick, positive mechanical and electrical disconnect without the use of any tools
2. Trap Door	Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics
3. Terminal Strips	Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes
4. Auxiliary Connections	One Form-C relay output at <40 V, 2 A maximum, and a second open collector output at 32 VDC maximum at 30 mA
5. Alarm Inputs	Seven alarm inputs
6. Installation	Quick-mount wall, corner, pole, parapet, or ceiling adapter
7. Cable Entry	Through a 1.5-inch NPT fitting
8. Operating Temperatures	Maximum temperature range of 25° to 113°F (-4° to 45°C) for two hours, and a continuous operating range of 25° to 95°F (-4° to 35°C) continuous operation

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| 9. Memory | Built-in memory storage of camera and location- specific dome settings such as presets and patterns. If new dome drive is installed in back box, all setting to download automatically into new dome drive |
| 10. Colors | Gray baked-on enamel powder coat |
| 11. Construction | Tough, dual wall aluminum enclosure with a 0.090-inch thick, clear polycarbonate lower dome and aluminum trim ring |
| 12. Trim Ring Connection | Barrel type key locks |
| 13. Lower Dome Protection | Available with optional stainless steel cage around lower dome. Bars of cage not to interfere with picture at medium to high zoom rates |

I. Stainless Steel Pendant Environmental

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| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes |
| 4. Auxiliary Connections | One Form-C relay output at <40 V, 2 A maximum, and a second open collector output at 32 VDC maximum at 30 mA |
| 5. Alarm Inputs | Seven alarm inputs |
| 6. Installation | Quick-mount wall, corner, pole, parapet, or ceiling adapter |
| 7. Cable Entry | Through a 1.5-inch NPT fitting |
| 8. Environmental Features | Factory-installed heaters, blowers, and sun shroud |
| 9. Operating Temperatures | Maximum temperature range of -60° to 140°F (-51.1° to 60°C) for 2 hours, and a continuous operating range of -50° to 122°F (-51.1° to 50°C) continuous operation |
| 10. Memory | Built-in memory storage of camera and location- specific dome settings such as presets and patterns. If new dome drive is installed in back box, all settings to download automatically into new dome drive |
| 11. Color | Gray, baked-on enamel powder coat |
| 12. Construction | All 316 stainless steel enclosure, sun shroud, trim ring, and mounting plate |
| 13. Lower Dome Material | Acrylic, optically clear, with no distortion in any portion of the dome up to +2° above the horizontal |
| 14. Dome Color | Clear and smoked versions |
| 15. Trim Ring Connection | Two screws |

J. Pressurized Stainless Steel Pendant Environmental

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|-----------------------------------|--|
| 1. Connection to Dome Drive | Quick, positive mechanical and electrical disconnect without the use of any tools |
| 2. Trap Door | Easy-access trap door that allows complete access to the installation wiring and, when closed, provides complete separation of the wiring from the dome drive mechanics |
| 3. Terminal Strips | Removable terminal strips with screw-type terminals for use with a wide range of wire gauge sizes |
| 4. Auxiliary Connections | One Form-C relay output at <40 V, 2 A maximum, and a second open collector output at 32 VDC maximum at 30 mA |
| 5. Alarm Inputs | Seven alarm inputs |
| 6. Installation | Quick-mount wall, corner, pole, parapet, or ceiling adapter |
| 7. Cable Entry | Through a pre-wired pressure rated multi-conductor fitting |
| 8. Environmental Features | Factory-installed heaters, blowers, and sun shroud |
| 9. Operating Temperatures | Maximum temperature range of -60° to 140°F (-51.1° to 60°C) for two hours, and a continuous operating range of -50° to 122°F (-51.1° to 50°C) continuous operation |
| 10. Memory | Built-in memory storage of camera and location-specific dome settings such as presets and patterns. If new dome drive is installed in back box, all settings to download automatically into new dome drive |
| 11. Color | Gray, baked-on enamel powder coat |
| 12. Construction | All 316 stainless steel enclosure, sun shroud, trim ring, and mounting plate |
| 13. Lower Dome Material | Polycarbonate, optically clear, with no distortion in any portion of the dome up to +2° above the horizontal |
| 14. Dome Color | Clear and smoked versions |
| 15. Trim Ring Connection | Stainless steel V-band |
| 16. Pressure Ports | Schrader valve and pressure relief valve |
| 17. Operating Pressure | 5 psig typical, 7 psig pressure relief |
| 18. Internal Sensors | Pressure, dew point, and temperature |
| 19. Internal Sensor Reporting | On-screen display |
| 20. Sensor Out-of-Range Reporting | On-screen alerts with acknowledgment options and selectable position on the display monitor. |
| 21. Fiber Optic Feedthrough | User-programmable activation of AUX output
Optional single-mode or multimode fiber optic feedthrough connector |

2.05 DOME SYSTEM DIMENSIONS

A. All Models Diameter of Bubble	Maximum of 5.9 inches
B. Pendant Environmental	Pendant 10.76-inch (27.33 cm) overall length (including dome) by 9.03-inch (22.94 cm) diameter
C. In-Ceiling Environmental	4.47 inches (11.35 cm) above ceiling, 4.21 inches (10.69 cm) below ceiling, 8.52-inch (20.96 cm) diameter; lower dome 4.3 inches (10.9 cm) below ceiling
D. In-Ceiling Interior	5.22 inches (13.26 cm) above ceiling, 3.53 inches (8.97 cm) below ceiling, 8.52-inch (20.96 cm) diameter; lower dome maximum of 2.75 inches (6.7 cm) below ceiling
E. Pendant Standard	Pendant 10.76-inch (27.33 cm) overall length (including dome) by 9.03-inch (22.94 cm) diameter
F. Surface Mount Interior	8.87 inches (22.53 cm) by 7.63-inch (19.38 cm) diameter
G. Heavy Duty In-Ceiling Interior	5.22 inches (13.26 cm) above ceiling, 3.53 inches (8.97 cm) below ceiling, 8.52-inch (20.96 cm) diameter; lower dome maximum of 2.75 inches (6.7 cm) below ceiling
H. Heavy Duty Pendant Environ.	Pendant 10.76-inch (27.33 cm) overall length (including dome) by 9.7-inch (24.7 cm) diameter
I. Heavy Duty Pendant Standard	Pendant 10.76-inch (27.33 cm) overall length (including dome) by 9.7-inch (24.7 cm) diameter
J. Stainless Steel Pendant Environ.	Pendant 10.76-inch (27.33 cm) overall length (including dome) by 9.7-inch (24.7 cm) diameter

2.06 DOME SYSTEM WEIGHTS

A. Pendant Environmental	6.5 lb (2.9 kg)
B. In-Ceiling Environmental	5.1 lb (2.3 kg)
C. In-Ceiling Interior	4.1 lb (1.9 kg)
D. Pendant Standard	5.4 lb (2.4 kg)
E. Surface Mount Interior	3.5 lb (1.6 kg)

F. Heavy Duty In-Ceiling Interior	
With Cage	8.2 lb (3.7 kg)
Without Cage	6.2 lb (2.8 kg)
G. Heavy Duty Pendant Environ.	
With Cage	11.0 lb (5.0 kg)
Without Cage	9.0 lb (4.1 kg)
H. Heavy Duty Pendant Standard	
With Cage	10.7 lb (4.8 kg)
Without Cage	8.7 lb (3.9 kg)
I. Stainless Steel Pendant Environ.	9.0 lb (4.1 kg)

2.07 MANUFACTURER'S WARRANTY

Repair or replacement of defective parts for a period of two years from the date of shipment, including continuous motion modes

2.08 CERTIFICATIONS AND RATINGS

A. Certifications

All Models	UL and cUL, FCC Class B, and CE Class B
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B. Ratings

Pendant Environmental, In-Ceiling Environmental, Pendant Standard, Heavy Duty Pendant Environ., Heavy Duty Pendant Standard, Stainless Steel Pendant Environ.	Meets NEMA Type 4X, IP66 standards
In-Ceiling Interior, Heavy Duty In-Ceiling Interior	Meets NEMA Type 1, IP40 standards
Pressurized Pendant Environ.	Meets NEMA Type 6P, IP67 standards

2.09 MODELS

The discreet CCTV camera dome system shall be the Pelco Spectra III Series:

A. 16X Color

<u>Type</u>	<u>Back Box</u>	<u>Model</u>	<u>Dome</u>
Surface Mount	White	SD53TC-SMW-0	Smoked
		SD53TC-SMW-1	Clear
		SD53TC-SMW-2	Chrome
		SD53TC-SMW-3	Gold
Surface Mount	Black	SD53TC-SMB-0	Smoked
		SD53TC-SMB-1	Clear
		SD53TC-SMB-2	Chrome
		SD53TC-SMB-3	Gold
In-Ceiling, Indoor		SD53TC-F0	Smoked
		SD53TC-F1	Clear
		SD53TC-F2	Chrome
		SD53TC-F3	Gold
In-Ceiling, Environmental	Black	SD53TC-F-E0	Smoked
		SD53TC-F-E1	Clear
		SD53TC-HF1	Clear
		SD53TC-HCF1	Clear
Heavy Duty In-Ceiling, Indoor, Without Cage Heavy Duty In-Ceiling, Indoor, With Cage Pendant, Standard	Black	SD53TC-PB-0	Smoked
		SD53TC-PB-1	Clear
		SD53TC-PB-2	Chrome
		SD53TC-PB-3	Gold
Pendant, Standard	Lt. Gray	SD53TC-PG-0	Smoked
		SD53TC-PG-1	Clear
		SD53TC-PG-2	Chrome
		SD53TC-PG-3	Gold
Heavy Duty Pendant, Standard Without Cage	Lt. Gray	SD53TC-HP1	Clear
Heavy Duty Pendant, Standard With Cage	Lt. Gray	SD53TC-HCP1	Clear
Pendant, Environmental	Lt. Gray	SD53TC-PG-E0	Smoked
		SD53TC-PG-E1	Clear
Heavy Duty Pendant, Environmental, Without Cage	Lt. Gray	SD53TC-HPE1	Clear
Heavy Duty Pendant, Environmental, With Cage	Lt. Gray	SD53TC-HCPE1	Clear
Stainless Steel Pendant, Environmental	Lt. Gray	SD53TC-PSGE0	Smoked
		SD53TC-PSGE1	Clear
Stainless Steel Pendant, Pressurized Environmental	Lt. Gray	SD53TC-PRE0	Smoked
		SD53TC-PRE1	Clear

Stainless Steel Pendant, Pressurized Environmental With Single-Mode Fiber Optic Feedthrough	Lt. Gray	SD53TC-PRSE0 SD53TC-PRSE1	Smoked Clear
Stainless Steel Pendant, Pressurized Environmental With Multimode Fiber Optic Feedthrough	Lt. Gray	SD53TC-PRME0 SD53TC-PRME1	Smoked Clear

or approved equal

B. 18X Day/Night

<u>Type</u>	<u>Back Box</u>	<u>Model</u>	<u>Dome</u>
Surface Mount	White	SD5318-SMW-0 SD5318-SMW-1 SD5318-SMW-2 SD5318-SMW-3	Smoked Clear Chrome Gold
Surface Mount	Black	SD5318-SMB-0 SD5318-SMB-1 SD5318-SMB-2 SD5318-SMB-3	Smoked Clear Chrome Gold
In-Ceiling, Indoor		SD5318-F0 SD5318-F1 SD5318-F2 SD5318-F3	Smoked Clear Chrome Gold
In-Ceiling, Environmental	Black	SD5318-F-E0 SD5318-F-E1 SD5318-HF1	Smoked Clear Clear
Heavy Duty In-Ceiling, Indoor, Without Cage			
Heavy Duty In-Ceiling, Indoor, With Cage		SD5318-HCF1	Clear
Pendant, Standard	Black	SD5318-PB-0 SD5318-PB-1 SD5318-PB-2 SD5318-PB-3	Smoked Clear Chrome Gold
Pendant, Standard	Lt. Gray	SD5318-PG-0 SD5318-PG-1 SD5318-PG-2 SD5318-PG-3	Smoked Clear Chrome Gold
Heavy Duty Pendant, Standard Without Cage	Lt. Gray	SD5318-HP1	Clear
Heavy Duty Pendant, Standard With Cage	Lt. Gray	SD5318-HCP1	Clear
Pendant, Environmental	Lt. Gray	SD5318-PG-E0 SD5318-PG-E1	Smoked Clear
Heavy Duty Pendant, Environmental, Without Cage	Lt. Gray	SD5318-HPE1	Clear
Heavy Duty Pendant, Environmental, With Cage	Lt. Gray	SD5318-HCPE1	Clear

Stainless Steel Pendant, Environmental	Lt. Gray	SD5318-PSGE0 SD5318-PSGE1	Smoked Clear
Stainless Steel Pendant, Pressurized Environmental	Lt. Gray	SD5318-PRE0 SD5318-PRE1	Smoked Clear
Stainless Steel Pendant, Pressurized Environmental With Single-Mode Fiber Optic Feedthrough	Lt. Gray	SD5318-PRSE0 SD5318-PRSE1	Smoked Clear
Stainless Steel Pendant, Pressurized Environmental With Multimode Fiber Optic Feedthrough	Lt. Gray	SD5318-PRME0 SD5318-PRME1	Smoked Clear

or approved equal