

Spectra® IV Series Dome Systems

HIGH-PERFORMANCE INTEGRATED DOME SYSTEM

Product Features

- 2 Autofocus, High Resolution Integrated LowLight™ Color Camera/Optics Packages
- Zone Blanking
- Window Blanking
- Camera Title Overlay, 20 User-Definable Characters
- On-Screen Compass and Tilt Display
- Password Protection
- Freeze Frame During Presets
- Built-in Surge and Limited Lightning Protection
- Integrated Passive Unshielded Twisted Pair (UTP) Circuit
- Internal Scheduling Clock
- Ability to Add IP Network Capability by Purchasing Optional TXB-IP Module

Modularity

Spectra® IV was designed with ease of installation and ease of maintenance in mind. Each dome system consists of three components: a back box, a dome drive, and a lower dome. These three system components are interchangeable with other Spectra IV dome systems, making retrofitting and application adjustments simple. Also, dome drives and lower domes can be removed and replaced reducing maintenance time.

Back Box

Spectra IV back box options include the following models: environmental in-ceiling (ideal for outdoor soffits), indoor in-ceiling, indoor surface mount, standard and environmental pendant, heavy-duty, pressurized, and stainless steel. A **passive UTP circuit** is located on the door assembly for convenient video transmission through twisted pair wire. For added flexibility, Pelco fiber modules can also be attached to the door assembly for transmission over single-mode or multimode fiber.

Dome Drive

The Spectra IV dome drive's **integrated optics package** incorporates many advanced features that allow the system to produce high quality video in the most difficult environments. The day/night camera features 18X optical zoom and 12X digital zoom. The color camera is equipped with 16X optical zoom and 8X digital zoom. Both cameras in Spectra IV dome drives feature **LowLight™** technology allowing the cameras to compensate for scenes where minimal light is present. The cameras also offer **freeze frame between presets** and **window blanking**.



IN-CEILING MODEL
SD418-F0



ENVIRONMENTAL PENDANT
MODEL SD4TC-PG-E0
(SHOWN WITH SWM-GY WALL MOUNT)

Lower Dome

Special consideration was taken when designing the Spectra IV lower dome bubble to ensure that an optimal optical relationship between the lens and bubble was achieved, providing crystal clear video at long focal lengths.

Dome Systems

Spectra IV dome systems feature many software enhancements that increase performance and make programming and operation easy. An **internal scheduling clock** allows for the scheduling of presets and patterns. **Window blanking** enables a user to program a four-sided, user-defined privacy area. **Password protection** prevents unauthorized users from changing the system settings. Programmable **on-screen compass and tilt display** provides positioning information when needed. Intuitive multilingual on-screen programming can be displayed in English, Spanish, Portuguese, Italian, French, German, Russian, Polish, Turkish, and Czech.

Spectra IV's variable speed capabilities range from a smooth, fast pan motion of 400 degrees per second to a smooth "creep" speed of 0.1 degree per second. The system is capable of continuous 360 degrees rotation and has an **"auto flip"** feature that allows the dome to rotate 180 degrees and reposition itself for uninterrupted viewing of any subject that passes directly beneath the dome.

In addition, with the optional Pelco TXB-IP module, you can add IP network capability at any time to a Spectra IV dome system without losing analog viewing and control. By snapping the TXP-IP module into the back box, you can stream network video to a Web browser, Endura®, Integral Digital Sentry®, or third party software recording solution allowing integration into virtually any IP-based system.



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U.S. Patents 5,931,432; 6,793,415 B2; 6,802,656 B2; 6,821,222 B2; 7,161,615 B2

International Standards
Organization Registered Firm;
ISO 9001 Quality System

