

# Spectra® IV SE Horizon Series Dome Systems

## CRYSTAL CLEAR, INTEGRATED LOOK-UP DOME SYSTEM

### Product Features

- Unparalleled Crystal Clear Video at Any Angle
- Vertical Tilt of up to 18° Above Horizontal
- Autofocus, High Resolution Integrated Camera/Optics Package
- Day/Night, 540 TVL, 128X Wide Dynamic Range (WDR), Motion Detection, and Electronic Image Stabilization
- Window Blanking
- Camera Title Overlay, 20 User-Definable Characters
- Horizontal and Zone Blanking
- 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
- Selectable Progressive Scan or Interlaced Output

An important, but often overlooked, component of a high-speed dome system is the relationship between the dome bubble and the camera lens. Special consideration was taken when designing the Spectra® IV SE Horizon 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 and extended vertical angles.

The Spectra IV SE Horizon dome drive's unique **integrated optics package** incorporates many advanced features that allow the system to produce high quality video in the most difficult environments. The camera in the Spectra IV SE Horizon dome drive features vertical tilt of 18° above the horizon, providing optical clarity and the ability to look up. **LowLight™** technology allows the camera to compensate for scenes where minimal light is present. The camera features advanced **128X wide dynamic range** that enables the system to compensate for scenes where dramatic contrasts in lighting are present. **Electronic image stabilization** digitally reduces blurring of the camera image due to vibration caused by external sources such as wind and traffic.

Spectra IV SE Horizon back box options include environmental in-ceiling, standard pendant, and environmental pendant models. Each back box model features built-in **back box memory** to store camera and location-specific dome settings, including labels, presets, patterns, and zones. A **passive UTP circuit** is located on the door assembly for convenient video transmission through



ENVIRONMENTAL  
IN-CEILING MODEL  
SD4H35-F-E0



PENDANT MODEL  
SD4H35-PG-0

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.

Spectra IV SE Horizon 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 up to eight, four-sided, user-defined privacy areas. **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 SE Horizon'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.

Optional diagnostic/installation tools (IPS-RMK and IPS-CABLE) allow the installer to view video, control PTZ, and perform system setup and software upgrades at the installation site.

