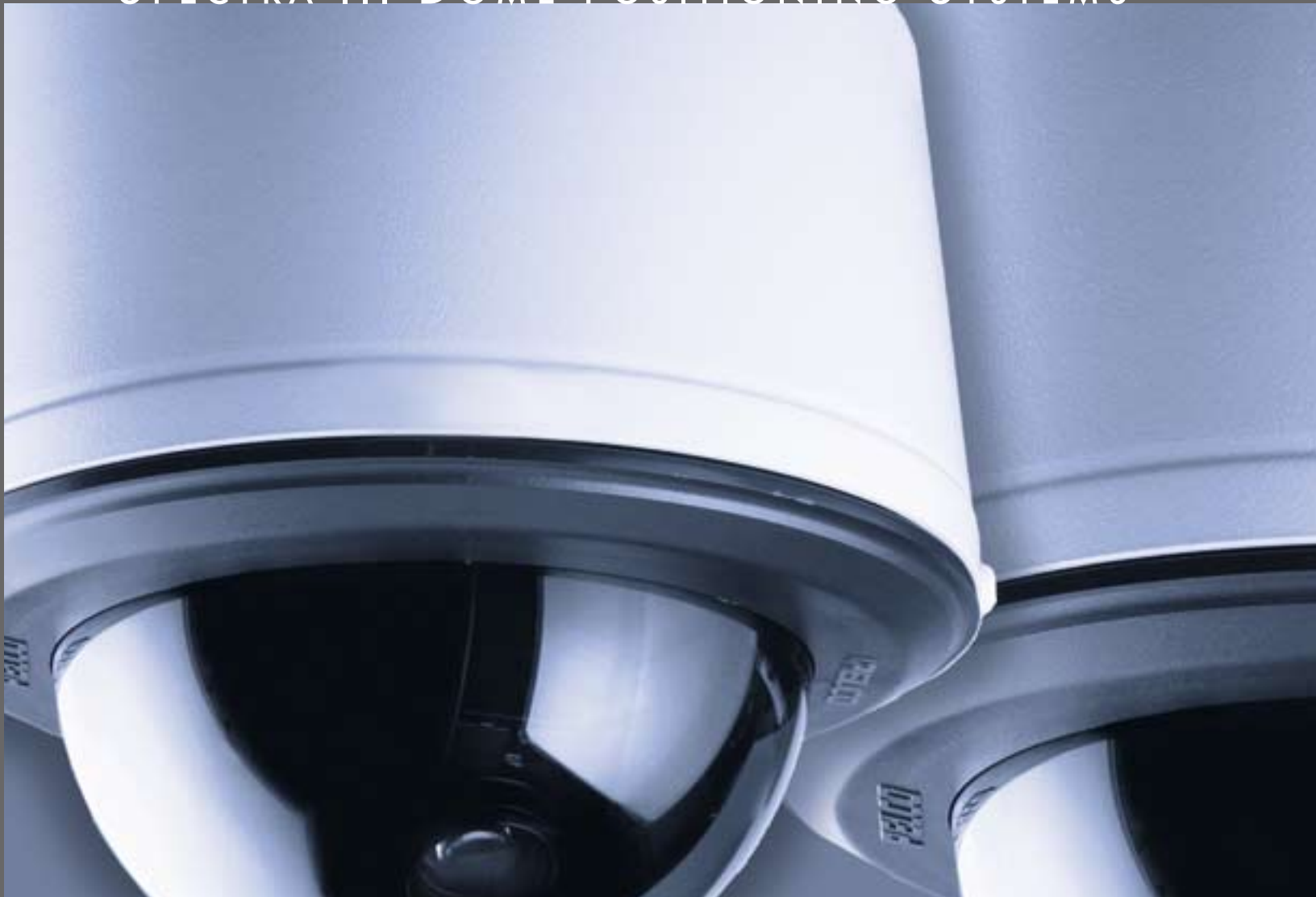


PELCO

SPECTRA III DOME POSITIONING SYSTEMS



PROTECTING

PEOPLE AND PROPERTY IN A
MILLION LOCATIONS WORLDWIDE



SPECTRA III SERIES DISCREET VIDEO SECURITY DOME SYSTEMS.

PELCO IS PROUD TO OFFER THE SPECTRA III SERIES POSITIONING SYSTEM – THE PREMIER INTEGRATED DOME AND CAMERA SYSTEM FOR THE VIDEO SECURITY INDUSTRY. SPECTRA III OFFERS A NUMBER OF INNOVATIVE FEATURES AND TECHNOLOGIES THAT GREATLY ENHANCE THE BENEFITS OF USING INTEGRATED DOME SYSTEMS. FROM NEW MEMORY STORAGE AND DATA TRANSFER TECHNOLOGIES TO WINDOW BLANKING FEATURES AND EVEN PRESSURIZED MODELS, SPECTRA III IS A PERFECT FIT FOR A WIDE RANGE OF APPLICATIONS.

HIGHLIGHTS

- FOUR AUTO-FOCUS, HIGH-RESOLUTION INTEGRATED CAMERA/OPTICS PACKAGES; MANY BACK BOX MODELS
- DAY/NIGHT (COLOR/BLACK-WHITE), WIDE DYNAMIC RANGE, AND MOTION DETECTION (DD53CBW)
- BUILT-IN BACK BOX MEMORY*
- EXVIEW HAD™ CCD (DD53M22 AND DD53C22)
- LOWLIGHT TECHNOLOGY
- WINDOW BLANKING*
- HORIZONTAL AND ZONE BLANKING*
- RJ-45 DATA PORT FOR SOFTWARE UPDATE AND SETUP
- ON-SCREEN COMPASS AND TILT DISPLAY
- MULTI-LANGUAGE ON-SCREEN MENUS
- PASSWORD PROTECTION
- FREEZE FRAME DURING PRESETS*
- 7 ALARM INPUTS; 2 PROGRAMMABLE AUXILIARY OUTPUTS*
- BUILT-IN POWER LINE SURGE AND LIGHTNING PROTECTION
- EASY TO INSTALL-QUICK AND SIMPLE ELECTRICAL CONNECTIONS
- INDOOR/OUTDOOR APPLICATIONS

*SPECTRA III SE FEATURE

THE INDUSTRY'S LEADING INTEGRATED DOME SYSTEM

PELCO SPECTRA III

Pelco's Spectra III and Spectra III SE offering ensures that virtually every installation challenge can be met. From harsh environments to upscale office buildings, there is a Spectra III system that perfectly meets your video security needs.

Each of the four distinct camera/optics packages includes LowLight Technology capabilities for excellent low-light sensitivity. Among these, the premier model features a 23x optical zoom lens, 80x Wide Dynamic Range imager, programmable motion detection, and Infrared Cut Filter removal for day/night operation. All Spectra III dome drive camera/optics packages are compatible with Spectra III, Spectra II, Spectra Lite, and original Pelco Spectra dome enclosure options.

Patent-Pending Back Box Memory

Traditionally, memory for location-specific operating parameters such as Preset Positions, Alarm Functions, and Camera Settings based upon lighting, resided in the dome drive – the component of the system that is most likely to be changed or moved to another location. With Spectra III SE, all location-specific settings are stored in non-volatile memory within the dome enclosure (the hard-mounted component least likely to be changed). All programming for a site location is retained regardless of how many times the dome drive is changed or moved, eliminating the need for reprogramming site-specific settings.

Local Control and Software Upload

Spectra III is the first dome system to feature local access to control, view video, and upload system software upgrades via a PC or PDA (Personal Digital Assistant) Handhelds. Exclusive PC/PDA software allows installers the ability to verify system functionality at the camera's installed location, without needing assistance.

Additionally, software upgrades can be performed locally without having to take the system off line, allowing users to guarantee that their system has the latest operating software.

Remote Data Port

The Spectra III Remote Data Port makes system control and programming easier than ever by providing a local interface to Spectra III Systems when using the Remote Monitor Kit or Cable. Such "bottom-of-the-pole" access offers an unprecedented level of control to verify camera settings and video output as well as to update system software, saving you time and money.

The Remote Data Port is compatible with coaxial video and UTP video control systems using Pelco D, P, or Coaxitron protocols. And Spectra III software upgrades can be performed without removing the system or requiring lifts or ladders.

System Performance

Spectra III SE's variable speed capabilities range from a smooth, fast pan motion of 360 degrees per second to a smooth "creep" speed of .1 degrees per second. The system is capable of 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 object that passes directly beneath the dome.



DAY/NIGHT CAPABILITY

Spectra III SE's 23x camera/optics package features automatic cut filter removal for Day/Night operation that provides high quality color images by day and higher sensitivity black and white images in nighttime conditions.



DYNAMIC WINDOW BLANKING

Window Blanking – the blocking of specific areas, such as open windows – is increasingly required to satisfy privacy issues. In Spectra III SE, you will be able to define up to eight, four-sided polygons, with sides of any length, and turn on the blanking at specific zoom ratios.



WIDE DYNAMIC RANGE

With Spectra III's Wide Dynamic Range technology, bright areas within a scene are softened and visually improved while dark areas are brightened to provide a usable, identifiable image.



MOTION DETECTION

The system's advanced camera optics can sense motion and create an alarm signal to trigger a recording device, sound an alarm, or initiate any number of contact open/close responses (DD53CBW and DD53CBW-X).



RJ45 DATA PORT

This innovative RJ-45 Data Port allows for future dome-drive software uploads and for on-site programming, setup, and complete pan/tilt/zoom local control.



MULTI-LANGUAGE MENUS

Off the shelf and out of the box, Spectra III is ready for multi-language duty. Menus can be accessed in English, Spanish, French, German, Italian, or Portuguese. An excellent global video security solution.



ON-SCREEN FEEDBACK

When selected, On-Screen Feedback displays the camera's directional orientation and zoom position. An excellent feature for instant field-of-view reference.



ANY DOME DRIVE FITS ANY BACK BOX.

The Spectra III series boasts the widest range of installation and dome drive options in the industry, making a dome enclosure for virtually every known, high-speed camera dome application, From Indoor In-Ceiling Mounts and Outdoor Pendants to Impact Resistant and Pressurized models, Spectra III has the model to meet your exact needs.

SURFACE-MOUNT BACK BOX

New surface-mount back box. An excellent choice for cost-effective indoor applications. Pendant adapter plate also available.



ENVIRONMENTAL IN-CEILING

Environmental in-ceiling design for use in outdoor overhangs and soffits. Rated for -60°F to 140°F.



IN-CEILING BACK BOX

In-ceiling back box for use in suspended and hard ceilings where a discreet presence is of high importance.



STANDARD PENDANT

Standard Pendant for use in indoor or outdoor moderate climates. Also available in black finish.



HEAVY-DUTY PENDANT

Heavy-duty Pendant for use in indoor and outdoor heavy traffic areas where vandalism is a concern. Available with or without protective cage.



HEAVY-DUTY IN-CEILING BACK BOX

Heavy-duty in-ceiling back box for use in indoor areas where vandalism is a concern. Available with or without protective cage.



ENVIRONMENTAL PENDANT

Environmental Pendant, for use in the most extreme climate conditions, ranging from -60°F to 140°F.



STAINLESS STEEL

All 316L stainless steel construction is designed to resist corrosion. Ideal for installation in all challenging environmental conditions, as it provides excellent external protection.



PRESSURIZED

All 316L stainless steel construction and nitrogen pressurization protect camera, lens and system electronics from the most extreme environmental conditions.



SPECTRA III DOME POSITIONING SYSTEMS



SPECTRA III

CAMERA / OPTICS

HIGH RESOLUTION

AUTO FOCUS

AC LINE LOCK WITH ADJUSTABLE PHASE AND AUTO V-SYNC
16X OPTICAL, 8X DIGITAL, LowLight TECHNOLOGY, COLOR, .05 LUX

SPECTRA III SE

CAMERA / OPTICS

HIGH RESOLUTION

AUTO FOCUS

AC LINE LOCK WITH ADJUSTABLE PHASE AND AUTO V-SYNC
22X OPTICAL, 12X DIGITAL, LowLight TECHNOLOGY, MONOCHROME,
ExView HAD CCD, .005 LUX

22X OPTICAL, 12X DIGITAL,
LowLight TECHNOLOGY,
COLOR, ExView HAD
CCD, .02 LUX

23X OPTICAL, 10X DIGITAL,
LowLight TECHNOLOGY,
Day/Night w/LowLight
TECHNOLOGY (COLOR .08
LUX/BLACK-WHITE.013 LUX)

80X WIDE DYNAMIC
RANGE
MOTION
DETECTION

HARDWARE

INTEGRAL, AUTO-SENSING, MULTI-PROTOCOL RECEIVER
5.9-INCH ACRYLIC BUBBLE
VARIABLE SPEED, 0.1 TO 250 DEGREES PER SECOND
+/- 0.25 DEGREE PRESET ACCURACY
360 DEGREE CONTINUOUS ROTATION
QUICK DISCONNECT DOME DRIVE
(COMPATIBLE WITH ALL OLDER SPECTRA BACK BOXES)
AUTO-FLIP DOME ROTATION
INDOOR SURFACE MOUNT MODELS
IN-CEILING MODELS NEMA 1/IP40 RATED
STANDARD PENDANT MODELS NEMA 4X/IP66 RATED
ENVIRONMENTAL PENDANT NEMA 4X/IP66 RATED
IN-CEILING ENVIRONMENTAL MODELS NEMA 4/IP66 RATED
ADVANCED PENDANT LOWER DOME SEAL WITH CAPTIVATED SCREWS
RJ-45 PORT FOR SOFTWARE UPLOAD AND LOCAL CONTROL
BUILT-IN SURGE PROTECTION

HARDWARE

INTEGRAL, AUTO-SENSING, MULTI-PROTOCOL RECEIVER
5.9-INCH ACRYLIC BUBBLE
VARIABLE SPEED, 0.1 TO 360 DEGREES PER SECOND
+/- 0.1 DEGREE PRESET ACCURACY
360 DEGREE CONTINUOUS ROTATION
QUICK DISCONNECT DOME DRIVE
(COMPATIBLE WITH ALL OLDER SPECTRA BACK BOXES)
AUTO-FLIP DOME ROTATION
INDOOR SURFACE MOUNT MODELS
IN-CEILING MODELS NEMA 1/IP40 RATED
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IN-CEILING ENVIRONMENTAL MODELS NEMA 4/IP66 RATED
ADVANCED PENDANT LOWER DOME SEAL WITH CAPTIVATED SCREWS
RJ-45 PORT FOR SOFTWARE UPLOAD AND LOCAL CONTROL
BUILT-IN SURGE PROTECTION
ALARM INPUTS (7), SELECTABLE BETWEEN N/O AND N/C
PROGRAMMABLE AUXILIARY OUTPUT (2), EXPANDED FUNCTIONS
NON-VOLATILE BACK BOX MEMORY STORES ALL CAMERA AND
SITE-SPECIFIC DOME SETTINGS

SOFTWARE

40 PRESETS WITH ON-SCREEN LABELS
AUTO, FRAME, AND RANDOM SCAN
AUTO FLIP
PROGRAMMABLE POWER-UP ACTION MODE
PROGRAMMABLE PARK
MULTI-LANGUAGE ON-SCREEN MENUS
PASSWORD PROTECTION
PROPORTIONAL PAN AND TILT
ONE PATTERN OF VIRTUALLY UNLIMITED LENGTH,
INCLUDES PRESET CALLS
ZONES (8) WITH ON-SCREEN LABELS
ZONE VIDEO BLANKING
USER-DEFINED, ON-SCREEN LABEL AND INDICATOR PLACEMENT
ON-SCREEN COMPASS AND ZOOM READOUTS
ON-SCREEN SYSTEM INFORMATION
REMOTE RESET AND CYCLE POWER COMMANDS

SOFTWARE

80 PRESETS WITH ON-SCREEN LABELS AND CUSTOM CAMERA
SETTINGS FOR EACH PRESET
AUTO, FRAME, AND RANDOM SCAN
AUTO FLIP
PROGRAMMABLE POWER-UP ACTION MODE, INCLUDING AUTO RESUME
PROGRAMMABLE PARK WITH MULTIPLE PARK ACTIONS
MULTI-LANGUAGE ON-SCREEN MENUS
PASSWORD PROTECTION
PROPORTIONAL PAN AND TILT
FOUR PATTERNS OF VIRTUALLY UNLIMITED LENGTH, INCLUDES PRESET CALLS
ZONES (8) WITH ON-SCREEN LABELS
ZONE VIDEO BLANKING
USER-DEFINED, ON-SCREEN LABEL AND INDICATOR PLACEMENT
ON-SCREEN COMPASS AND ZOOM READOUTS
ON-SCREEN SYSTEM INFORMATION
REMOTE RESET AND CYCLE POWER COMMANDS
HORIZONTAL VIDEO BLANKING
DYNAMIC WINDOW BLANKING WITH USER-DEFINED, FOUR-SIDED SHAPES
WINDOW BLANKING ON/OFF BASED ON ZOOM RATIO
INDOOR/OUTDOOR SELECTABLE CAMERA PREFERENCES
PROGRAMMABLE ALARM ACTION WITH THREE PRIORITY LEVELS
PROGRAMMABLE FREEZE FRAME BETWEEN PRESETS

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EINDHOVEN, THE NETHERLANDS

SINGAPORE

PELCO, SPECTRA III, ESPRIT, LowLight

AND WINDOW BLANKING ARE

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