

Cruiser™ Indoor PTZ Domes



- 700 TVL high-resolution Sony EXview HAD CCD II
- 22X optical zoom
- 0.5 lux color
- Flush and surface mount design
- Privacy masks
- Vicon and Pelco protocols (RS-485/422)

Description

The Cruiser™ S660 PTZ camera dome includes a high resolution camera/lens combination that provides analog video transmission over coaxial cable. It is the perfect solution for indoor applications.

Construction and Installation

The S660 is designed for easy installation. The dome can be surface mounted or it can be flush-mounted in-ceiling.

The lower dome is constructed of impact-resistant, polycarbonate and is secured by tamper-proof screws, providing anti-vandal security. Several mounting accessories are available to fit almost any installation need.

Camera Optics and PTZ Features

The S660 includes an integral camera and lens. A 3.9-85.8 mm varifocal lens with an optical 22X zoom provides superb sharpness and excellent sensitivity. The day/night camera is an EXview™ HAD CCD device with a resolution of 700 TV lines. DNR corrects imperfections in the image to provide a clearer image.

The camera provides a full 360° continuous rotation and a 0° to 90° tilt range. 240 programmable presets are provided, as well as 8 tours, 8 patterns and 16 auto scans (sectors). Autopan capability is provided, as are two alarm inputs and one alarm output.

A multi-language OSD menu system allows setting many of the camera features, including motion detection, 8 privacy zones and titling.

Video Transmission

Video Output Impedance:	1.0 V p-p. 75 ohms composite.
Control Protocol Formats:	RS-485/422 protocol; built-in RS-485/422 receiver. Baud Rate 2400 - 19.2k bps.

Electrical

Input Voltage:	12 VDC.
Current:	0.65 A
Power Consumption:	8 W.
Maximum Power Cable Distance:	See Table.
Certifications:	CE; FCC Class A.

Operational

Pan Range:	360° continuous.
Pan Speed:	Preset & Manual: 380°/sec, max.
Tilt Range:	0 - 90°, auto flip.
Tilt Speed:	Preset: 380°/sec; Manual: 300°/sec, max.
Variable Speed:	0.1°/sec to 380°/sec.
Communication Protocol:	RS-485. Vicon, Pelco-P, Pelco-D, Fastrax II, Fastrax IIE. DIP switch selectable.
Preset Capability*:	240 programmable (59 with Vicon keypad).
Tour Capabilities:	8 tours available. 42 functions per tour.
Pattern Capabilities*:	8 patterns available with PTZ dwell time up to 200 sec (4 with Vicon keypad).
Alarm Capabilities:	2 alarm inputs, programmable NC/NO. 1 (5VTTL) output.
Control Display:	On-screen, menu-driven system allowing full configuration of the dome.
Auto Scan (Sectors)*:	16 programmed angles at programmable speeds (8 with Vicon keypad); 1 autopan.
Multi-Language Menu:	English, French, German, Italian, Spanish, Polish and Portuguese.
Camera Titling Auto Baud:	On/Off, 6 characters per title. Auto baud detection in RS-485/RS-422 mode. 2400, 4800, 9600, 19,200 bps baud rates supported. DIP switch selectable.

* These numbers will vary depending on the keypad used.

Camera and Optics

Image Device:	1/4-inch EXview day/night HAD CCD.
Sensitivity:	Color: 0.05 fc (0.5 lux).
Horizontal Resolution:	700 TV lines.
S/N Ratio:	Greater than 50 dB.
Synchronization:	Internal.
Gain Control:	Automatic/Manual.
Day/Night:	True day/night (IR cut filter). Auto/Color/BW/Global, selectable.
Backlight Compensation:	Off/On
Adaptive Tone Reproduction:	Off/On.
Iris Control:	Automatic/Manual.
Digital Noise Reduction:	2D.
Video Focus:	Automatic/Manual.
White Balance:	Automatic/Manual; Red/Blue adjustable.
Privacy Masks:	8.
Motion Detection:	Yes.
Electronic Shutter Speed:	1/60 (1/50, PAL) - 1/10,000.
Focal Length:	3.9 - 85.8 mm
Aperture:	f/1.6 - f/3.7.
Minimum Object:	3.3 ft (1 m).
Optical Zoom Ratio:	22X.
Horizontal Angle of View:	49.5° wide, 2.4° tele.

Mechanical

Mounting:	Surface or in-ceiling mount.
Construction:	Plastic; tamperproof screws.
Dimensions:	H: 5.9 in. (151 mm); diam: 6.1 in. (154 mm). Dome diameter: 4.3 in. (110 mm).
Weight:	2.4 lb (1.1 kg);.

Environmental

Operating Temperature Range:	32 to 104° F (0 to 40° C).
Operating Humidity Range:	Up to 90% relative, non-condensing.

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Specifications subject to change without notice.

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Descriptions and Models

Housing	Mount	Model
Indoor	Surface (Wall or Ceiling Mount)	S660 (NTSC)
		S660-P (PAL)

Accessories

	Description	Model Number
	Indoor or outdoor wall-mount arm	V660-HDB243
	Pole-mount adapter	V660-HDA202
	Corner Mount	V660-HCM150
	Corner Mount Adapter Plate	V660-HCM155
	Pole Adapter	V660-HCM151

Maximum Power Cable Distance (@12 VDC)

Wire Size (AWG)	Distance ft (m)
20	296 (90)
18	473 (144)
16	752 (229)
14	1193 (363)
12	1899 (579)

Dimensional Drawings

