

Cruiser™ Outdoor PTZ Network Camera Domes



- High-resolution, day/night camera optics package
- H.264, M-JPEG or MPEG-4 compression; Onvif compliant
- 22X optical zoom and 16X digital zoom; total 352X zoom
- Triple streaming
- Powered by 12 VDC/24 VAC
- Designed for easy installation and servicing
- Outdoor; IP66 rated

Description

The Cruiser™ SN660V PTZ camera dome includes a high resolution camera/lens combination that provides video transmission over a network. The camera provides triple-streaming video and supports H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth.

Construction and Installation

The SN660V is designed for easy installation. The dome can be surface mounted.

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.

Descriptions and Models

Housing	Mount	Model
Outdoor	Surface (Wall or Ceiling Mount)	SN660V





Camera Optics and PTZ Features

The SN660V 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 digital 16X zoom. Wide Dynamic Range (WDR) improves detail in bright or low light areas of the image and 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. Additionally, the camera can be set up using a web browser, including Internet Explorer®, Safari®, Firefox® and Google® Chrome®.

Accessories

	Description	Model Number
	Indoor or outdoor wall-mount arm	V660-HDB243
	Pole-mount adapter	V660-HDA202
	In-ceiling mount	V660-HCS256
	Outdoor Wall/Ceiling Pendant Arm	V660-HVPWCB2

Network Video Transmission

Compression:	H.264, M-JPEG, MPEG-4.
Resolution Supported:	4 CIF, CIF, VGA, QVGA.
Frame Rate:	30 fps @ all compressions/resolutions.
Multiple Streaming:	Triple.
Video Streams:	10 concurrent max.
Protocols:	IPv4/IPv6, TCP/IP, UDP, HTTP, RTP, RTSP, QoS, DHCP, uPnP, ARP, HTTPS, RTCP, FTP, Zeroconf, Bonjour, DDNS.
Ethernet:	10/100 Mbps.

Electrical

Input Voltage:	12 VDC/24 VAC.
Current:	1.0 A/0.5 A.
Power Consumption:	12 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 - 180°, digital flip.
Tilt Speed:	Preset: 380°/sec; Manual: 300°/sec (Turbo), max.
Variable Speed:	0.1°/sec to 380°/sec.
Alarm Communication:	RS-485; 6-pin terminal.
Preset Capability:	240 programmable.
Tour Capabilities:	8 tours available. 42 functions per tour.
Pattern Capabilities:	8 patterns available with PTZ dwell time up to 200 sec.
Alarm Capabilities:	1 alarm input, programmable NC/NO. 1 output.
Audio Capability:	1 audio in; 1 audio out (G.711); RCA jacks.
Video Output:	Composite; 1 BNC
Control Display:	On-screen, menu-driven system allowing full configuration of the dome.
Auto Scan (Sectors):	16 programmed angles at programmable speeds; 1 autopan.
Multi-Language Menu:	English, French, German, Italian, Spanish, Polish, Portuguese.
Camera Titling:	On/Off, 6 characters per title.
Local Storage:	Micro SD.
Security:	Password protection, IP filtering, HTTPS, SSL.

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Dated: 06/2012

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Specifications subject to change without notice.

Camera and Optics

Image Device:	1/4-inch Sony EXview day/night HAD CCD (580 TVL).
Sensitivity:	Color: 0.05 fc (0.5 lux). B&W, slow shutter: 0.0001 fc (0.001 lux), 30 IRE.
Gain Control:	Automatic/Manual.
Day/Night:	True day/night (IR cut filter). Auto/Color/BW/Global, selectable.
Backlight Compensation:	On/Off.
Wide Dynamic Range:	On/Off.
Iris Control:	Automatic/Manual.
Digital Noise Reduction:	3D/2D.
Video Focus:	Automatic/Manual.
White Balance:	Automatic/Manual; Red/Blue adjustable.
Privacy Masks:	8 windows.
Motion Detection:	16 windows.
Digital Slow Shutter:	On/Off.
Electronic Shutter Speed:	1/60 (1/50, PAL) - 1/100,000.
Digital Zoom:	16X.
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

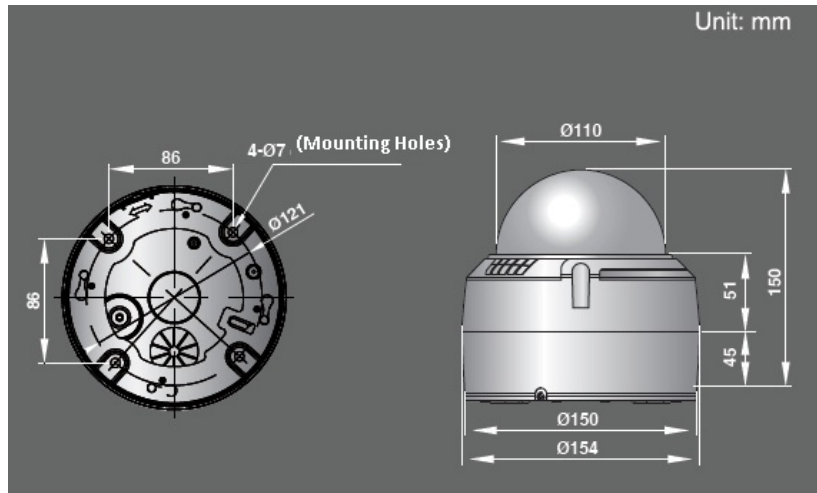
Mounting:	Surface mount.
Construction:	Aluminum, steel and plastic; tamperproof screws.
Weatherproof:	IP66 compliance.
Dimensions:	H: 5.9 in. (150 mm); diam: 6.1 in. (154 mm). Dome diameter: 4.3 in. (110 mm).
Weight:	3.5 lb (1.6 kg).

Environmental

Operating Temperature Range:	32 to 113° F (0 to 45° C).
Operating Humidity Range:	Up to 90% relative, non-condensing.

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Dimensional Drawings



Maximum Power Cable Distance
(@24 VAC)

Wire Size (AWG)	Distance ft (m)
20	385 (117)
18	614 (187)
16	973 (297)
14	1550 (472)
12	2469 (753)