

V660B-312IR Weatherproof Analog 3-12 mm Bullet Camera



- Day/Night, IR illumination and Wide Dynamic Range
- External remote controller for setup of motorized 2.8-12 mm lens
- Privacy masking
- 560 TV lines
- 42 LEDs provide illumination up to 131 feet (40 m)
- 3D Digital Noise Reduction
- Ceiling or wall mounting
- Easy to install and set up

The V660B-312IR weatherproof, bullet camera offers a durable fixed camera with integrated IR illumination. The camera may be mounted on a wall or ceiling. Day/Night, Infrared Illumination (IR) and WDR are standard as is 3D DNR. NTSC and PAL versions are available.

Camera and Optics Provide Outstanding Performance and Value

The V660B-312IR includes an integral camera and lens. A 2.8-12 mm varifocal lens provides superb sharpness and excellent sensitivity. The camera has a 1/3-inch color Sony® Super HAD™ II CCD device with a resolution of 560 TV lines.

Built in 3D digital noise reduction improves image quality, minimizes video interference and triggering of false alarms and provides a better compression ratio, which decreases storage requirements. WDR improves detail in bright and low light areas of the image.

Durable Construction and Easy Installation

The V660B-312IR is constructed of aluminum with an IP66 rating. Tamper-resistant screws make the unit resistant to vandalism. The cameras may be mounted on a wall or ceiling.

The cameras are designed for easy installation and setup. The extensive on-screen display menus allow set up of white balance, AGC, backlight compensation, exposure, titling, privacy masks and many other functions. A remote controller cable is provided and enables remote setup of the camera functions. All wiring is routed through the mount.

The included camera mount is adjustable, allowing for adjustment of pan (180°) and tilt (90° from vertical). The lens zoom and focus can be easily adjusted with the remote control.

Ordering Information

Description	Model Number
Outdoor Bullet camera. 2.8-12 mm integral varifocal lens, 1/3-inch day/night, WDR, IR camera with 560 TV Line resolution. 12 VDC/24 VAC.	V660B-312IR
Outdoor Bullet camera. 2.8-12 mm integral varifocal lens, 1/3-inch day/night, WDR, IR camera with 560 TV Line resolution. 12 VDC/24 VAC. PAL version.	V660B-312IR-P

Camera and Optics

Image Device:	1/3-inch Sony Super HAD II CCD
Picture Elements:	NTSC: 811 (H) x 508 (V), 410,000 pixels PAL: 795 (H) x 596 (V), 470,000 pixels
Scanning Frequency:	NTSC: 15.734 KHz (H) x 60 Hz (V) PAL: 15.625 KHz (H) x 50 Hz (V)
Scanning System:	2:1 interlace
Synchronization:	Internal/Line Lock
Shutter Speed:	NTSC: 1/60-1/100,000 sec PAL: 1/50-1/100,000 sec
Resolution:	560 TV lines
Sensitivity:	0.15 fc (1.5 lux) color @ f/1.2 30 IRE 0.00 fc (0 lux) with LEDs on
Video Output:	1.0 V p-p @75 ohms, composite.
S/N Ratio:	50 dB (AGC off).
Camera Control:	RS-485 or external remote controller
IR LED/Sensor:	42 LEDs/1 sensor each
IR Distance:	Up to 131 feet (40 m)
Dynamic Range:	Digital WDR
Backlight Compensation:	BLC/HSBLC/Off
Sense Up:	Off/Auto (X2 - X128)
Privacy Mask:	8 programmable zones
White Balance:	AWB/AWC/Manual/Indoor/Outdoor/ATW
Automatic Gain Control (AGC):	Selectable: Off, Low, Middle, High
Exposure:	1/60 (1/50), Flickerless, 1/250-1/100,000 seconds
Digital Noise Reduction:	On/Off, 0-50
Digital Zoom:	0-32 zoom. D-PTZ support enables pan and tilt functionality within zoomed scene.
Focal Length :	2.8-12 mm motorized
Aperture:	f/1.4
Field of View:	2.8 mm: 94.2° H 12 mm: 26.2° H

Operational

Control Display:	On-screen, menu-driven system allowing full configuration of the camera
Lens Adjustment:	External remote control
Motion detection:	On/Off
Day/Night:	Color/B&W/Auto
Effects:	V-Flip (Rotate)/Neg or Pos/Mirror
Titling:	Alpha-numeric character set. 8 characters.

Electrical

Input Voltage:	12 VDC or 24 VAC
Current:	0.46 A @ 12 VDC 0.23 A @ 24 VAC
Power Consumption:	5.5 W
Connectors:	Power: 2-pin connector Video: BNC on pendant cable
Certifications:	Pending

Mechanical

Application:	Indoor/Outdoor. Ceiling or wall mount
Dimensions:	Length: 5.2 inches (132 mm) Length (with mount): 10 inches (252 mm) Diameter: 3 inches (78 mm)
Weight:	2.5 lb (1.1 kg)
Construction:	Aluminum. Rated IP66.

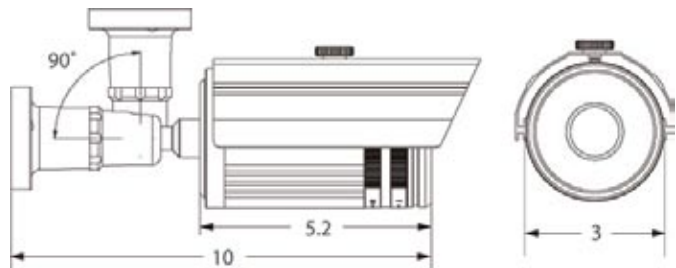
Environmental

Operating Temperature Range:	14 to 122° F (-10 to 50° C)
Operating Humidity Range:	Up to 90% relative, non-condensing

Warranty

3 years parts and labor

Dimensional Data



Data Sheet Number: V230-00
Dated: 06/2011

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Specifications subject to change without notice.

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