

V660B-488IR Weatherproof Analog 4.1-88 mm Bullet Camera



- Day/Night, IR illumination and Wide Dynamic Range
- External remote controller for setup of motorized 4.1-88 mm lens
- Privacy masking
- 600 TV lines
- 22X optical zoom
- 78 LEDs provide illumination up to 197 feet (60 m)
- 2D Digital Noise Reduction
- Ceiling or wall mounting; IP66 rated
- Easy to install and set up

The V660B-488IR weatherproof, bullet camera provides a durable camera with integrated IR illumination and 22X zoom. The camera may be mounted on a wall or ceiling. Day/Night, Infrared Illumination (IR) and 2D DNR are standard. NTSC and PAL versions are available.

Camera and Optics Provide Outstanding Performance and Value

The V660B-488IR includes an integral camera and lens. A 4.1-88 mm optical zoom lens provides superb sharpness and excellent sensitivity. The camera has a 1/4-inch Sony® Super HAD™ II CCD with a resolution of 600 TV lines.

Built in 2D digital noise reduction improves image quality, minimizes video interference and triggering of false alarms and provides a better compression ratio, which decreases storage requirements.

Durable Construction and Easy Installation

The V660B-488IR 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. 4.1-88 mm optical zoom lens, 1/4-inch day/night, WDR, IR camera with 600 TV Line resolution. 12 VDC/24 VAC.	V660B-488IR
Outdoor Bullet camera. 4.1-88 mm optical zoom lens, 1/4-inch day/night, WDR, IR camera with 600 TV Line resolution. 12 VDC/24 VAC. PAL version.	V660B-488IR-P

Camera and Optics

Image Device:	1/4-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
Shutter Speed:	NTSC: 1/60-1/100,000 sec PAL: 1/50-1/100,000 sec
Resolution:	600 TV lines
Sensitivity:	0.01 fc (0.1 lux) color @ f/1.2 50 IRE 0.004 fc (0.04 lux) B&W @ f/1.2 50 IRE 0 fc (0 lux) with LEDs on.
Video Output:	1.0 V p-p @75 ohms, composite
S/N Ratio:	50 dB (AGC off)
IR LED/Sensor:	78 LEDs/1 sensor each
IR Distance:	Up to 197 feet (60 m)
Camera Control:	RS-485 or external remote controller
Dynamic Range:	Digital WDR
White Balance:	ATW1/ATW2/AWC-Set/Manual (Indoor, Outdoor, User)
Backlight Compensation:	HLC (0-255)/BLC (Area Select, Area State, Gain, Area Size)
Privacy Mask:	8 programmable zones
Day/Night:	Auto/Color/B&W (Burst, IR Smart)/External
Automatic Gain Control (AGC):	Selectable: Off, Low, Middle, High
Exposure:	Auto/Manual Shutter/FlickerlessAGC
Digital Noise Reduction:	On/Off
Optical Zoom:	22X
Focal Length :	4.1-88 mm, motorized
Aperture:	f/1.6-f/3.7
Field of View:	4.1 mm: 48° H 88 mm: 2.6° H

Operational

Control Display:	On-screen, menu-driven system allowing full configuration of the camera External remote control
Lens Adjustment:	On/Off (Area 1-4)
Motion detection:	Lens Shade/Neg or Pos/Mirror
Effects:	5
Presets:	Alpha-numeric character set. 8 characters.
Titling:	

Electrical

Input Voltage:	12 VDC or 24 VAC
Current:	0.84 A @ 12 VDC 0.88 A @ 24 VAC
Power Consumption:	10 W @ 12 VDC 15 W @ 24 VAC
Connectors:	Power: 2-pin connector Video: BNC on pendant cable
Certifications:	Pending

Mechanical

Application:	Indoor/Outdoor. Ceiling or wall mount
Dimensions:	Length: 6.5 inches (166 mm) Length (with mount): 10.9 inches (277.8 mm) Diameter: 3.4 inches (88 mm)
Weight:	2.86 lb (1.3 kg)
Construction:	Aluminum. Rated IP66.

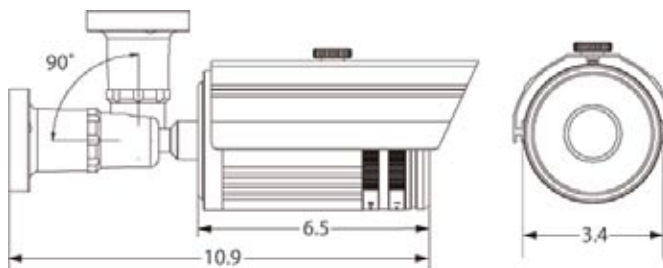
Environmental

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: V234-00

Dated: 05/2011

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