OUTDOOR COLOR INFRARED BULLET w/ VARIFOCAL LENS

Outdoor Color Security Camera with Infrared

Our COR-598V outdoor bullet camera has a Sony color CCD video sensor, digital signal processing, and internal radian infrared array and a varifocal lens. It has an all metal housing and is designed for quick placement and easy adjustability.



Radiant Infrared Subsystem



The radiant infrared array is under automatic photosensor control. When available light reaches a factory preset threshold, the photosensor switches the camera into infrared mode.

The inner surface of the optically clear front glass panel has integrated opaque ring to prevent infrared light contamination during IR mode. This prevents hazing and image degradation when the infrared LEDs are ON.

Removable Sun / Light Shield



Easy-to-Access Varifocal Adjustment Rings



The varifocal lens has the normal manual adjustments for focus that you would find on any varifocal lens. To make adjustments, unscrew the knurled barrel cover and slide back, as shown in figure 1. This will expose the internal adjustment rings, as shown in figure 2. Adjust the lens using the inner knurled rings.

This weatherproof indoor/outdoor color surveillance camera has a varifocal lens and an array of 42 infrared LEDs. Varifocal lens adjustment can be performed with the camera in place and aimed at a target, making final setup easy.

Infrared operation is enhanced through the use of an integrated lens seperator that eliminates "haze" created by stray infrared light, and a mechanical IR filter. The filter activates/deactivates as necessary to cut down on focus shift when the camera switches from daylight mode to infrared mode. All metal case, removable sun/light shield and metal bracket. Attached DC power/video cable.

General Specifications

Video Sensor: 1/4" Sony CCD w/DSP
of Pixels: NTSC - 512(h) x 492(v) PAL- 512(h) x 582(v)

Very Horizontal Resolution: 420TV lines

Light level Sensitivity: 0.0 LUX with IR on

IR LED Array: 42 Units Operating at 850nm Wavelength

IR filter: Improves focus when switching between day & night mode

Scanning System: 2:1 Interlace

Video Signal Synchronization: Internal

Video Signal Level: 1Vp-p, 75 Ohm impedance

Signal to Noise Ratio: >48dB (AGC off)

Wide Dynamic Range: 52dB (x128)

Gamma Correction: 0.45

Auto Gain Control

Optical Specifications

Lens: 3.5-8 manual varifocal

Material: optical quality glass with anti-reflection coating

Environmental Specifications

Operating Temperature: -5 degrees to +50 degrees (C)
23 degrees to +122 degrees (F)

StorageTemperature: -30 degrees to +60 degrees (C)
-22 degrees to +140 degrees (F)

Waterproof Rating: IP68 - superior weather resistance

Physical Specifications

Dimensions: Camera Body,lenght - 13.40cm 5.28 inches Camera Body, width - 7.20cm 2.83 inches Sunshield, top,lenght - 5.88cm 5.00cm 3.50cm 3.50cm 3.50cm

Weight: Camera w/o bracket - 0.27 kg 0.6lbs



Auto White Balance

Auto-Electronic Shutter: Auto 1/60 to 1/100,000 sec.

Power: 12VDC @ 600mA with IR on (nomnal)