

COR-640

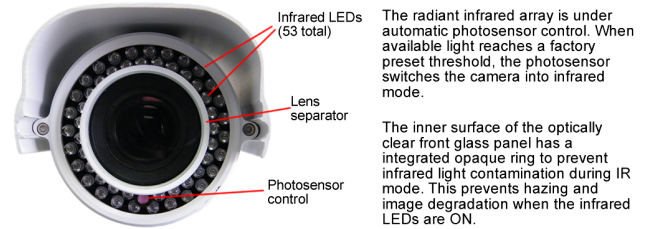
LONG RANGE OUTDOOR BULLET with INFRARED VARIFOCAL LENS

Weatherproof Long Range Outdoor Camera

The COR-640 uses a premium quality 5-50mm varifocal lens to provide long range (manual) zoom capability and an array of 53 infrared LEDs that reach up to 120' or more on the darkest night. An auto-iris and a 1/3" Sony CCD video sensor with a digital processing chipset generates clear images in a wide range of light levels. An adjustable automatic mechanical IR filter helps keep images in focus, minimizing IR shift when switching from standard to infrared mode. All metal housing and removable sunshield. Bracket (model COR-210W) not included.



Radiant Infrared Subsystem



Easy-to-Access Varifocal Adjustment Rings



General Specifications

Video Sensor: 1/3" Sony HQ1 IR sensitive CCD
High Resolution: 540 lines
Effective Pixels: NTSC 768 x 494 (379K), PAL 752 x 582 (437K)
Built-in Digital Signal Processing
IR LED Array: 53 Units operating at 850nm wavelength
IR Range: 120' (36+ meters), depending on atmospheric conditions
Automatic Mechanical IR Filter
Photosensor Controlled IR
Light Level Sensitivity: 0.0 Lux w/IR on
Video Signal Synchronization: Internal
Video Signal Level: 1Vp-p, 75 Ohm impedance
Scanning System: 2:1 Interlace
Signal to Noise Ratio: >48dB
Auto-White Balance (AWB)
Auto-Gain Control with Super-Gain Control (AGC)
Backlight Compensation (BLC)
Electronic Shutter: Auto, 1/60 up to 1/100,000 sec.
Dual Power: 12VDC / 24VAC @ 950mA with IR on (nominal)

Optical Specifications

Lens: 5-50mm manual varifocal
Control: Auto-Iris (selectable)
Material: optical quality glass with anti-reflection coating

Environmental Specifications

Operating Temperature:	-5 degrees to +50 degrees (C) 23 degrees to +122 degrees (F)
Storage Temperature:	-30 degrees to +60 degrees (C) -22 degrees to +140 degrees (F)

Physical Specifications

Dimensions:	Camera body, length - 8.75" (22.23cm) Camera body, width - 3.25" (8.26cm) Sunshield, top (longest dimension) - 10.75" (27.31cm) Sunshield, width - 4.13" (10.49cm)
Weight:	Camera - 3.4lbs (0.73kg)

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