

# COR-597E

## HIGH RESOLUTION OUTDOOR INFRARED BULLET



### Advanced Engineering and Design Features

Some manufacturers of outdoor infrared cameras using this kind of physical design have encountered various performance issues such as IR glare or “haloing”, excessive current draw and video quality degradation during IR operation. Our design and combination of components and materials reduce and eliminate these common problems.

Our combination of materials and physical design eliminates problems associated with low light and night time video, like random on-screen artifacts and noise.

### FEATURES

- AUTOMATIC INFRARED ARRAY
- ECONOMICAL DESIGN FITS TIGHT BUDGETS
- MECHANICAL IR FILTER
- CABLE FEED - THROUGH BRACKET
- HEAVY DUTY ALUMINUM HOUSING
- A PERFECT PRODUCT FOR SMALL BUSINESS
- OUTPERFORMS CAMERAS THAT COST TWICE AS MUCH

Simple design modifications remove the need for an internal foam ring commonly seen in cheaper cameras. What’s wrong with a foam ring? It’s an add-on to fix IR glare and is only partially effective, and they loosen up overtime and shift or deteriorate into tiny particles that end up all over the inside of your camera, including on the lens and image sensor. These kind of problems are fixed in our design stage so remedial actions (like gluing on a foam ring) are never necessary. IR glare and haloing are never a problem with our cameras.

### SPECIFICATIONS

Video Sensor	1/3" High Resolution color CMOS
Resolution	1100 TV lines
Lens	3.6mm precision glass
Illumination Range	0.5 LUX (F1.2) / 0.0 LUX IR ON
White Balance	Automatic
Infrared	26 LEDs, 850nm, 90' + range
Electronic Shutter	Automatic, 1/60 sec. to 1/100,000 sec.
Signal-to-noise Ratio	>48db
Effective Pixels	712 x 494
Weatherproof Rating	IP66 (indoor/outdoor)
Vandal Resistance	Metal case, cable feed-through bracket, security screw elbow joint
Power	12VDC
Power / Consumption	100mA nominal (~300mA with IR on)
Housing	Heavy duty vandal resistant aluminum alloy
Dimension(inches)(mm)	5.5" long, 2" diameter (139.7mm long, 50.8mm diameter)
Operating Temperature	-4 to 113°F (-20 to 45°C)



**The heavy duty aluminum-alloy** base provides a cable feed-through path that protects the video and power cables from being vandalized. A cable access notch is provided in installation cases when wall access is impossible and must be flush mounted.

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