

ECL-599

Outdoor Color Security Camera with 15 IR LEDs

This outdoor security camera has a 420-line CCD video sensor and a digital signal processing (DSP) chipset. This combination provides color video images in normal light and monochrome images in complete darkness thanks to an array of 15 infrared LEDs under automatic photosensor control. The radiant infrared sub-system casts a beam of invisible IR light up to 30' or more, depending on atmospheric conditions. This camera operates on a standard 12VDC supply and features auto-gain control (AGC), auto-white balance (AWB) and an automatic electronic shutter that operates from 1/60 second to 1/100,000 second.

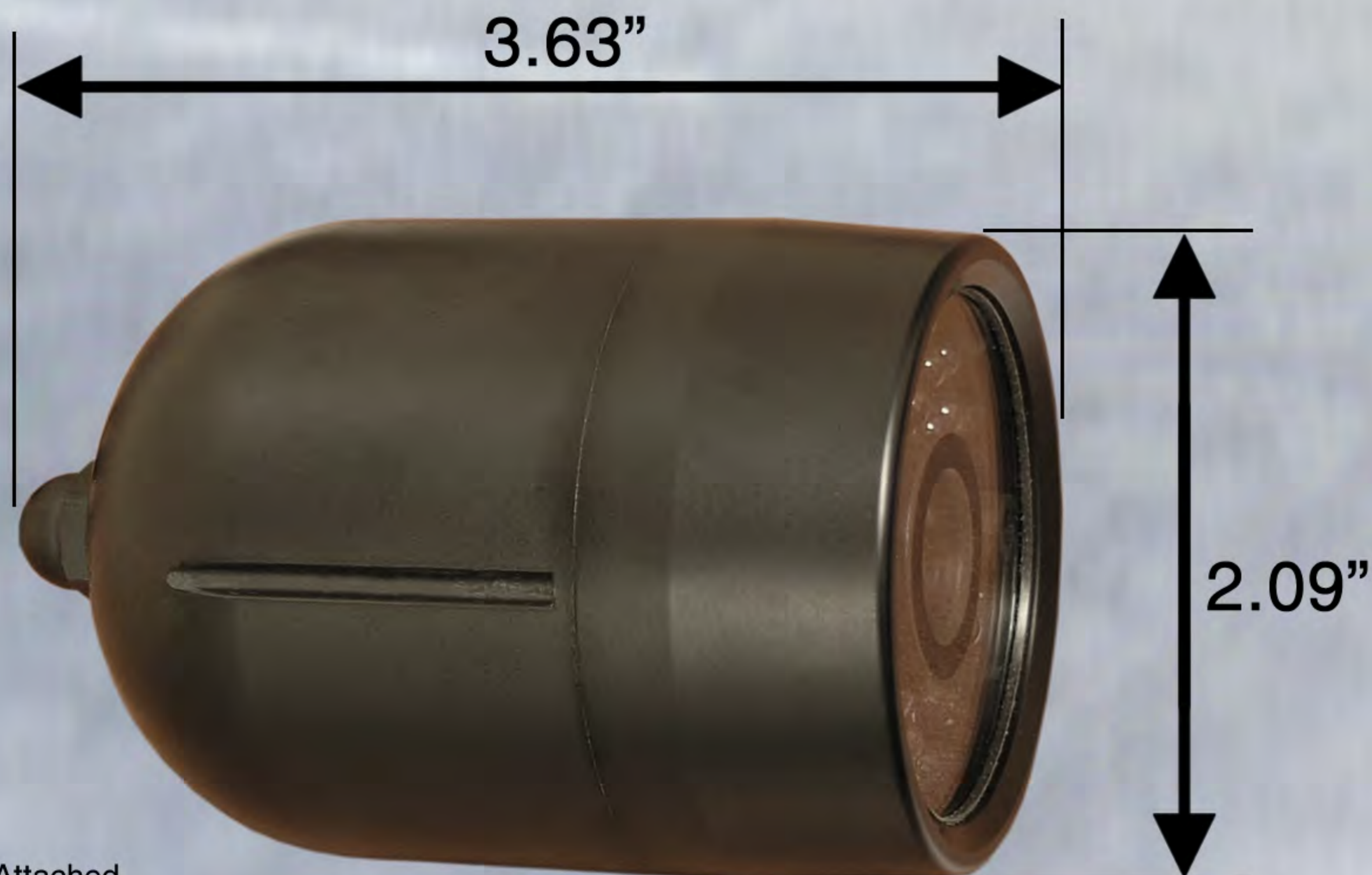


Specifications

Video Resolution: 420 lines
Video Sensor: 1/3" Color CCD
Digital Signal Processing (DSP) chipset
Video Format: Available with NTSC or PAL output
Effective Pixels: NTSC – 270k
Video Signal Output: composite signal, 1Vp-p @ 75 Ohm impedance
Lens: 3.6mm optical glass (F2.0) with IR pass optical filter
Signal-to-noise Ratio > 48db (AGC off)
Minimum Illumination: 0.0 LUX with Infrared ON
Synchronization: internal, negative sync.
Electronic Shutter: NTSC – 1/60 to 1/100,000 sec. PAL – 1/50 to 1/100,000 sec.
White Balance: Automatic
Radiant Infrared Control: Automatic, photosensor controlled
Infrared Source: 15 LEDs, 850nm wavelength
Infrared Range: up to 30' or more depending on atmospheric conditions
Power: 12VDC @ 150mA nominal (~300mA with IR on)
Operating Temperature: -10° to +50 Centigrade -14° to +122 Fahrenheit
Weatherproof rating: IP66, suitable for outdoor placement

Attached video and DC power cables

Bracket



Attached cables not shown for clarity

Detachable sun/light shield

