

Specification Sheet

ECL-599T

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Outdoor day/night color camera with a tamper/vandal resistant construction and weatherproof casing.



Automatic IR LED Array

Automatically senses low light conditions and when a pre-set threshold is reached 18 IR LEDs are turned on. Images can be seen in total darkness by using reflected IR light technology.

850nm Infrared LEDs

Aspherical lens



An aspherical lens design prevents focus shift during infrared operation.

Weatherproof

IP66 Rated – Resists rain, wind blown debris and moisture, making it safe for placement in most outdoor environments.



Vandal Resistant

Hardened zinc-alloy metal housing can take harsh blows and physical abuse. Tested to withstand 500lb impacts without physical deformation.



Multiple Mounting Possibilities

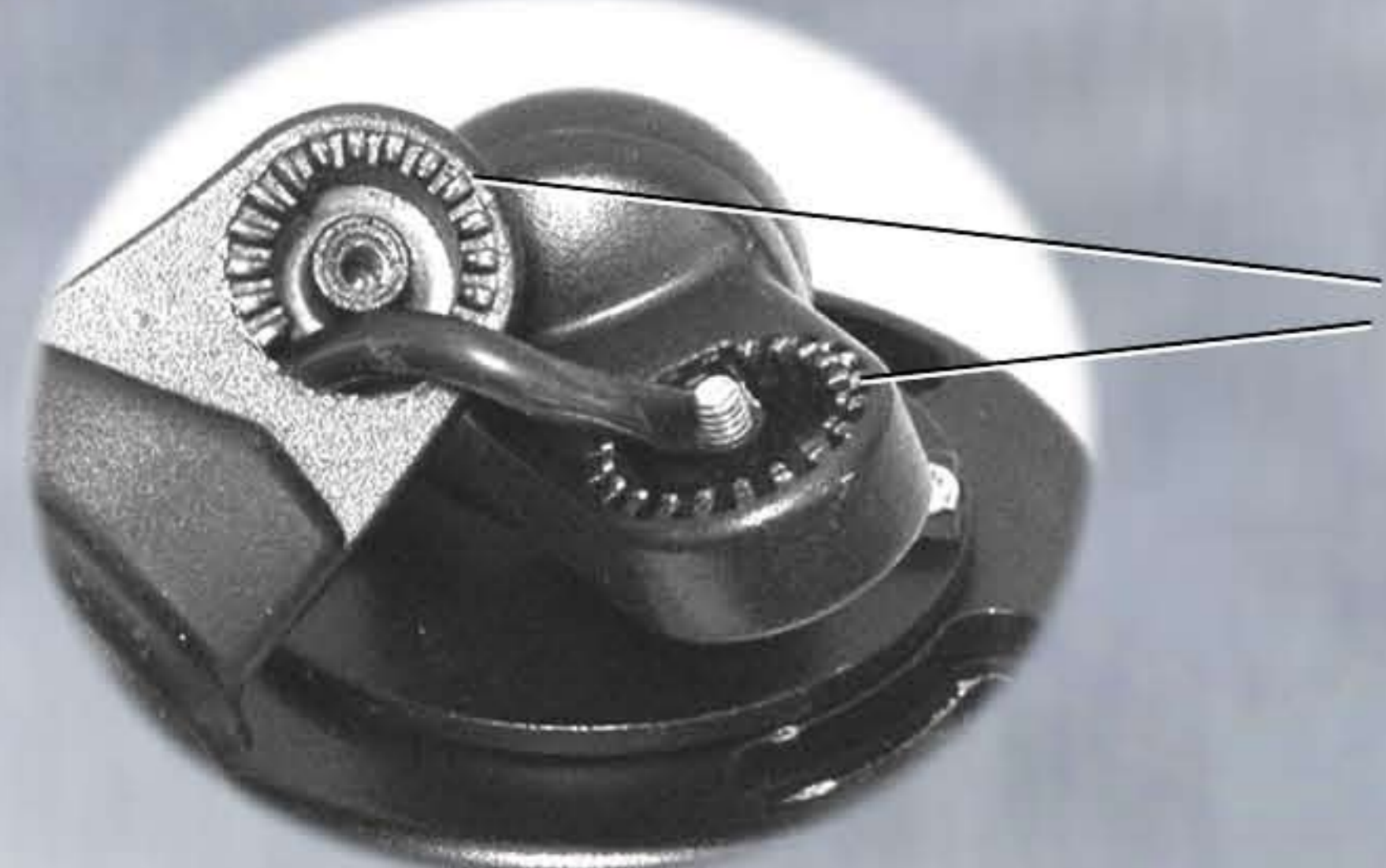
Designed to be mounted securely on the ceiling or a wall, inside or outside.



Tamper Resistant

All joints are constructed with interlocking gear/teeth that securely lock the position where you set it. A special tool is required to open the joints for adjustment, further increasing tamper resistance potential.

In addition to the interlocking gear/teeth, all power and video signal cables are routed through the housing and joints so they cannot be severed or clipped.



General Specifications

Video Sensor: 1/3" Sony CCD
Number of Pixels: NTSC – 512 x 492 (251k), PAL – 512 x 582 (297k)
Horizontal Resolution: 500 TV lines or greater
Scanning System: 2:1 Interlace
Light Level Sensitivity: 0.1 Lux (day) / F1.6, (0.0 Lux night)
Video Signal Synchronization: Internal
Video Signal Level: 1Vp-p, 75 Ohm impedance
IR LED Array: 18 Units Operating at 850nm Wavelength
Signal to Noise Ratio: >48dB
Gamma Correction: 0.45
Auto-White Balance: Multi-Color Temperature AWB
Gain Control: Full Auto-Gain Control (AGC)
Back Light Compensation: Full Auto BLC
Aperture Correction: 2H mode of H.V
Electronic Shutter: Auto, up to 1/100,000 sec.
Power: 12VDC (+/- 10%), 75mA (255mA w/IR on)

Optical Specifications

Lens: 4.3mm aspherical wide angle prevents focus shift

Environmental Specifications

Operating Temperature:	-10 degrees to +45 degrees (C) 14 degrees to +113 degrees (F)
Storage Temperature:	-30 degrees to +60 degrees (C) -22 degrees to +140 degrees (F)
Water/Weatherproof Level:	IP66

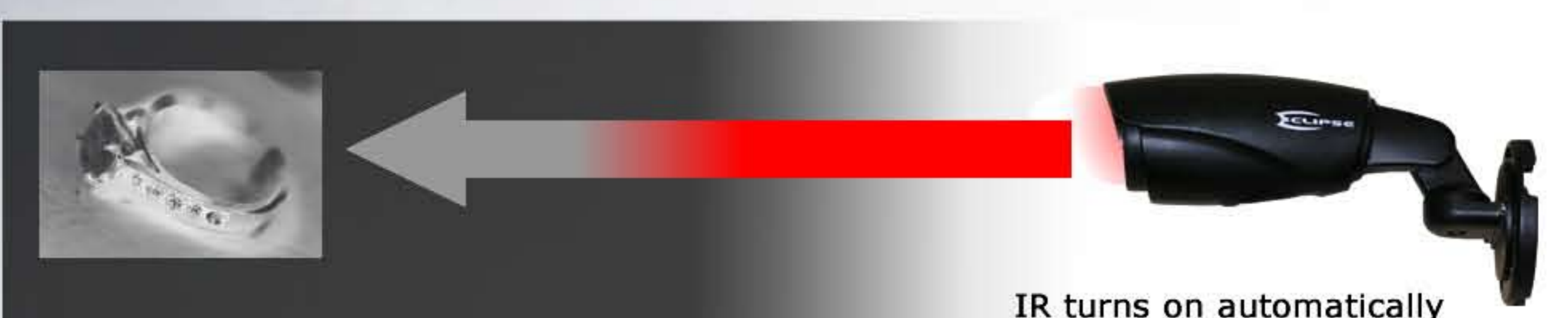
Physical Specifications

Dim.: 67mm x 218mm (2.64" x 8.58"), 85mm base (3.35")
Weight: 850g (29.98oz)

Color Video in Daylight to 0.1 LUX / F1.6



Monochrome (B/W) in 0.0 LUX with IR ON



IR turns on automatically