

Specification Sheet

ECL-596

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This outdoor color bullet camera measures only 3 9/16 inches long and is approx. 1 3/16 inches thick. It runs on 12VDC and includes an adjustable bracket and a 5 foot long combination power cord/video cord. With an IP-66 rating it can be placed outside without fear of damage from inclement weather. The included color coordinated sun shield snaps on/off for easy adjustment so it can be placed in sunlight or near light sources, if necessary.



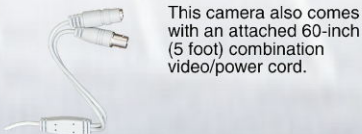
Weatherproof

IP66 Rated - Resists rain, wind blown debris and moisture, making it safe for placement in most outdoor environments. (Weatherproof ability does not depend on presence or absence of sun shield.)



Multiple Mounting Possibilities

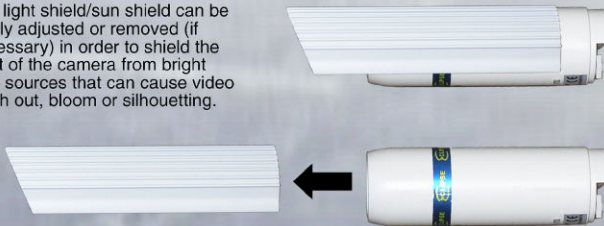
An articulated ball-and-socket joint bracket is included that allows adjustment on 3-axis. A tough acrylic base and an extension are also included, which allows a wide variety of mounting positions.



This camera also comes with an attached 60-inch (5 foot) combination video/power cord.

Adjustable Sun Shield

The light shield/sun shield can be easily adjusted or removed (if necessary) in order to shield the front of the camera from bright light sources that can cause video wash out, bloom or silhouetting.



Sony Super HAD Video Sensor Provides Superior Video

Sony Super HAD CCD video sensors are designed to provide a superior image in low light conditions.

HAD stands for **Hole Accumulation Diode**, which is a manufacturing technique developed by Sony Corporation to reduce the effect of so-called "dark" current that originates spontaneously in CCD sensors in the absence of light. Heat and unavoidable imperfections at the atomic level can cause random electrons to move about in the semi-conductor of the imaging chip. This electron displacement creates a positive charge, or a "hole". By placing another semi-conductor layer (a diode layer) beneath the CCD imaging layer this charge can be automatically accumulated and pulled out of the imaging layer, thus eliminating "dark" current video noise at the source. The end result is a clearer image generated in low light conditions, making this camera a great choice for settings where you need to deal with unavoidable shadows and large areas that are deliberately kept in subdued light.

General Specifications

Video Sensor: 1/4" color Sony Super HAD CCD
Horizontal Resolution: 420 TV lines
Scanning System: 2:1 Interlace
Light Level: 0.5 Lux / F2.0
Video Signal Synchronization: Negative internal
Video Signal Level: 1Vp-p, 75 Ohm impedance
Signal to Noise Ratio: >48dB
Gamma Correction: 0.45
Auto-White Balance: YES
Auto Electronic Shutter: 1/60 - 1/100,000 sec.
Power: 12VDC, 120mA (nominal), 1.44W

Environmental Specifications

Operating Temperature: -10 degrees to +50 degrees (C) 14 degrees to +122 degrees (F)
Storage Temperature: -30 degrees to +60 degrees (C) -22 degrees to +140 degrees (F)
Water/Weatherproof Level: IP-66 - suitable for outdoor placement

Physical Specifications

Approx. Dim.: 90.42mm x 30.23mm (3.56" x 1.19")
Approx. Weight: 142.0g (5.0oz)

Optics Specifications

Lens: 3.6mm optical glass F2.0

