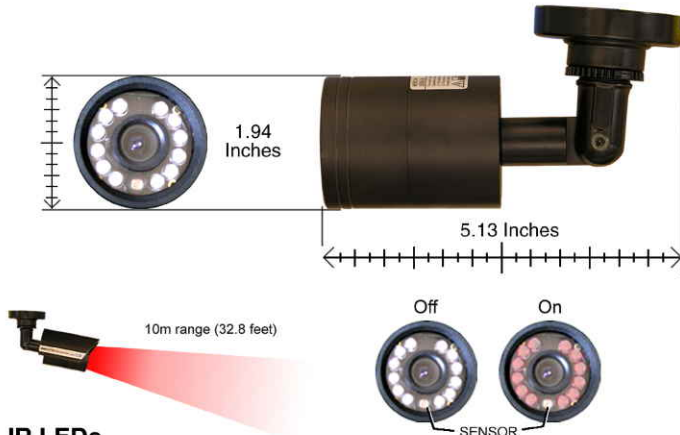


Specification Sheet

STI-597

STI-597

This outdoor color bullet camera measures approx. 5 1/8 inches long (from back of bracket to front of camera) and is approx. 1 15/16 inches in diameter. It runs on 12VDC and provides NTSC or PAL standard video through an attached 1-foot long combination power/video cable. It includes an adjustable bracket and a combination power cord/video cord.



IR LEDs

When a pre-set light level is reached automatic technology takes over and activates a 12-element array of infrared LEDs. This projected infrared light reflects off objects in total darkness allowing images to be seen.

Adjustable Bracket

The 2-axis bracket is composed of a hard zinc-aluminum alloy base that can be screwed onto almost any hard surface. Once secured, a knurled fitting on the base can be tightened to secure the lateral (horizontal) position of the camera, and a second gear/tooth elbow pivot joint can be tightened to lock the camera into the desired vertical angle.



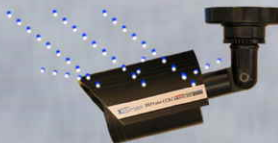
Secure Pivot Joint

The power/video cable is routed through the elbow pivot joint as shown at right. This allows the cable to be routed completely out of sight. Please note the gear/tooth design of the pivot joint, which prevents the final position of the camera from changing due to tampering or other environmental factors.



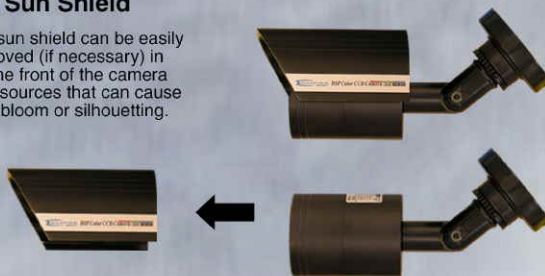
Weatherproof

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.)



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.



General Specifications

Video Sensor: 1/4" color Digital Signal Processing CCD
Horizontal Resolution: 420 TV lines
Effective Pixels: NTSC - 512 x 492 (251k), PAL - 512 x 582 (297k)
Scanning System: 2:1 Interlace
Light Level: 0.0 Lux with IR on
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-Gain Control: YES
Auto Electronic Shutter: 1/60 - 1/100,000 sec.
Power: 12VDC, 110mA (nominal), 240mA with IR on

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

Infrared Specifications

Units: 12 elements IR LEDs operating @ 820nm
Control: Auto-on/auto-off light sensing technology
Range: 10 meters (32+ feet)

Daytime Color Nighttime B/W (IR LEDs ON)

