



Specification Sheet

ECL-557I

Daytime Operation

This tamper and vandal resistant dome camera contains a 1/3" Sony infrared sensitive CCD video sensor that provides excellent quality video images with auto white balance, auto gain control and automatic backlight compensation in daylight conditions down to a light level of 0.1 Lux at night.

Deterrent LED

High visibility white light LED strobes every 2 seconds to indicate camera location and power-on status. This can be used as a crime deterrent and to increase awareness of your business at night. This feature can be turned off by the user if necessary.



Nighttime Operation

Smart Technology circuits control an array of 30 infrared LEDs and turns them on/off in pre-set groups as required. When targets get closer to the lens this technology automatically adjusts the amount of IR emitted to avoid washing out the image. A built-in fan automatically turns on to help keep internal temperatures down.

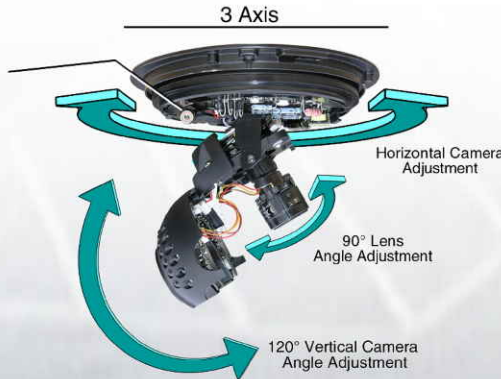
With superior operation during the day and during the night, you won't need to rely on two different cameras for varying light conditions.



Easy to Aim, Focus, and Adjust

Remove the base (using the tool provided) and easily access the internal brackets/hinges to point and focus the camera and vari-focal lens in any direction you require. This also makes it easy to replace the lens or any other components should such operations be required.

After you adjust the camera a handy internal test monitor output is available so you can check your aim without having to go to a remote location and possibly having to return and re-adjust the camera for fine tuning.



Vandal & Tamper Resistant

Constructed with public placement in mind, this camera has several features making it difficult to vandalize or disable.

Conical base is hard to grip and is made of hardened aluminum.

Screws on base require a special tool.

Polycarbonate dome is designed to withstand impacts and hard blows.



Flexible Mount and Route

Mount at any angle and route your video and power cords either through the base or use the external access portal. Use a metal conduit for added security.

Threaded portal provides protected access point.



Adjustable IR Control

Switchable setting to control IR delay from 5 seconds to 15 seconds to account for variable light conditions such as shadows, clouds, or other unpredictable concerns.



General Specifications

Video Sensor: 1/3" Sony Infrared Sensitive CCD
Resolution: 420 TV lines
Effective Pixels: NTSC 512 x 492 (251k), PAL 512 x 582 (297k)
Scanning System: 2:1 Interlace
Light Level Sensitivity: 0.1 Lux (day) / F1.2, (0.0 Lux w/IR on)
Video Signal Synchronization: Internal
Video Signal Level: 1Vp-p, 75 Ohm impedance
IR LED Array: 30 Units Operating at 850nm Wavelength
Deterrent LED: White LED strobes approx. every 2 seconds
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, 1/60 sec. to 1/100,000 sec.
Dual Power Capable: 12VDC or 24VAC (installers choice) 300mA (nominal), 600mA with IR on

Optical Specifications

Lens: 3.6mm aspherical infrared optimized - 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)

Physical Specifications

Dim.: approx . 157mm x 95.25mm (6.18" x 3.75")
Weight: 630.5g (1.39lbs)