

## ECL-557HIM Varifocal Lens & Auto-Iris Camera

This indoor/outdoor dome incorporates tamper resistant features, an anti-ergonomic design that discourages casual vandalism, and can be aimed in almost any direction. 30 infrared LEDs turn on when light reaches a pre-set threshold, allowing operation in total darkness. A mechanical IR filter enhances video quality under all conditions.



### 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 HQ1 Infrared Sensitive CCD**

# of Pixels: NTSC - 768(h) x 494(v) PAL - 752(h) x 582(v)

**Horizontal Resolution: 540 TV lines**

Scanning System: 2:1 Interlace

Light Level Sensitivity: 0.5 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

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.

Dual Power Capable: 12VDC or 24VAC (installers choice)  
300mA (nominal), 600mA with IR on

## Optical Specifications

**Lens: 3.8-9.5mm varifocal, auto iris**

**Mechanical IR filter**

## 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.: 157mm x 96mm (6.18" x 3.78")

Weight: 630.5g (1.39lbs)

## Suggested Uses:

Public transit, boardwalks, malls, lobbies, theaters, strip malls, trains, town squares, window displays, classrooms, security centers, controlled access rooms, factory floors, cafeterias, kitchens, sports arenas, arcades, playgrounds, taverns, restaurants, carnivals, bus stops, food prep areas, exit doors, ticket booths, party stores, kwiikee marts, checkout lines, customer service desks, teller counters, any kind of waiting area open to the public.