



Waterproof, High Resolution, Tamper Resistant

# Specification Sheet

# ECL-599HT

## ECL-599HT

High resolution day/night outdoor 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



### 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.



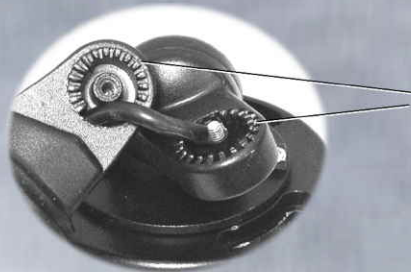
### Multiple Mounting Possibilities

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

Ceiling Mount



Wall Mount



### 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" Panasonic High Resolution CCD
Number of Pixels: NTSC - 768 x 494 (379k), PAL - 752 x 582 (437k)
Horizontal Resolution: >480 TV lines
Scanning System: 2:1 Interlace
Light Level Sensitivity: 0.5 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
-----------------------------------

## 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 0.5 LUX / F1.6



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

