

ECL-5A

Indoor Color Camera with Sony Video Sensor and Varifocal Lens

This indoor color dome camera can accept 12VDC or 24VAC on a non-polarized power connector. It uses a Sony color CCD that provides a high quality video image with automatic white balance and backlight compensation. An internal 3-axis bracket lets you mount the camera in almost any position and still get a properly oriented picture. A 2.8-11mm manual varifocal lens (with auto-iris) makes up the front end of the image capture process, which can operate in light levels as low as 0.1 LUX.



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 should that operation be required.



120° Vertical Camera Angle Adjustment



360° Horizontal Camera Angle Adjustment



90° Lens Angle Adjustment

Easy setup and testing thanks to an internal composite test monitor output. (You'll need a portable test monitor - like our ECL-LCD4, not included). No need for a second trip to a remote location or a second person in the guard shack to verify camera aim and focus.



RCA connector

General Specifications

Video Sensor: 1/3" Sony Super HAD Color CCD
Output: Composite NTSC or PAL
Effective Pixels: NTSC 512 x 492 (251K), PAL 512 x 582 (297K)
Horizontal Resolution: 420 eTV* lines (500 iTV* lines)
Scanning System: 2:1 Interlace
Light Level Sensitivity: 0.1 LUX / F1.6
Video Signal Synchronization: Internal
Video Signal Level: 1Vp-p, 75 Ohm impedance
Signal to Noise Ratio: >48dB
Gamma Correction: 0.45
Auto-White Balance: YES - Multi-Color Temp. White Balance
Auto-Backlight Compensation: YES (ABC)
Aperture Correction: 2H mode of H.V. aperture correction
Gain Control: Full Auto-Gain Control (AGC)
Electronic Shutter: Auto, 1/60 sec. to 1/100,000 sec.
Dual Power: 12VDC/24VAC (140mA nominal, +/- 10%)

* - eTV: Established Eclipse benchmark TV line rating
iTV: Industry suggested TV line rating

Optical Specifications

Lens: 2.8-11mm varifocal, auto-iris

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.: 127mm x 86mm (6.18" x 3.78")

Weight: 308.5g (0.64lbs)

Suggested Uses:

Public transit stations, 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.