



ECMD100i

Non-Working PIR with Invisible IRs

The EverFocus Illuminator® Series ECMD100i covert PIR case camera is based on a Sony Super HAD II Color CCD to produce high quality color images with a minimum of 600 horizontal TV lines of resolution (700HTVL in monochrome mode). Hidden behind a window that appears white to the eye but is transparent to IR, this unique camera incorporates 24 'invisible' IR LEDs for clear images in low or NO illumination. These 'fully covert' IR LEDs show no red glow (940nm wavelength), but can capture subjects to distances of 32 feet or more when the lights are off.

This PIR look camera is equipped with an easy to use snap-on bracket that allows 3-axis positioning. While the camera does not contain an actual PIR motion detector device, the camera does include a video motion detection 'pixel change' output (open collector type) output if local signaling is required.

Looks like a PIR, works like an IR - with no telltale 'red glow'. This is the covert PIR style camera you have been waiting for to deploy indoor covert surveillance that is virtually undetectable yet quietly delivers highly detailed images in total darkness.

Features

- PIR Case with Built in Invisible IR LEDs (24 LEDs)
- 32' or more IR range (depends on IR reflectivity)
- 3.7mm Pinhole Lens
- High Resolution of 600TVL color, 700TVL B/W
- 1/3" Sony Super HAD II Color CCD
- Digital WDR
- Digital Noise Reduction
- Built in Motion Detector with Alarm Output (TTL)
- DC 12V only 300mA

Model	ECMD100i
Imaging Device	1/3" Sony Super HAD II Color CCD
Effective Picture Elements	NTSC: 768(H) x 494(V)
Horizontal Resolution	Color : 600TV lines B/W : 700 TV Lines
Scanning System	2:1 Interlace
S/N Ratio	More than 50dB
IR LEDs	24 LEDs with wavelength of 940nm
IR Range	32 feet or more (depends on scene and subject IR reflectivity)
Minimum illumination	0.1 Lux – at F1.4 0.000 Lux (IR ON)
Digital Noise Reduction	2D DNR On
Digital Wide Dynamic Range	DWDR On
Power Source	12VDC ±10%
Power Consumption	70mA Nominal / 300mA IR ON
Operating Temperature	-10°C to 50°C (14°F~122°F)
Operating Humidity	30% to 80%
Lens	Pinhole Lens 3.7mm
Dimensions:	Body: 62(W) x 90(H) x 48(D)mm / 2.44"(W) x 3.54"(H) x 1.89"(D) Mount adds minimum 27mm/1.06" to depth (see drawing)
Weight	120 g (4.23 oz)
Certifications	CE / FCC



Ordering Information

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