

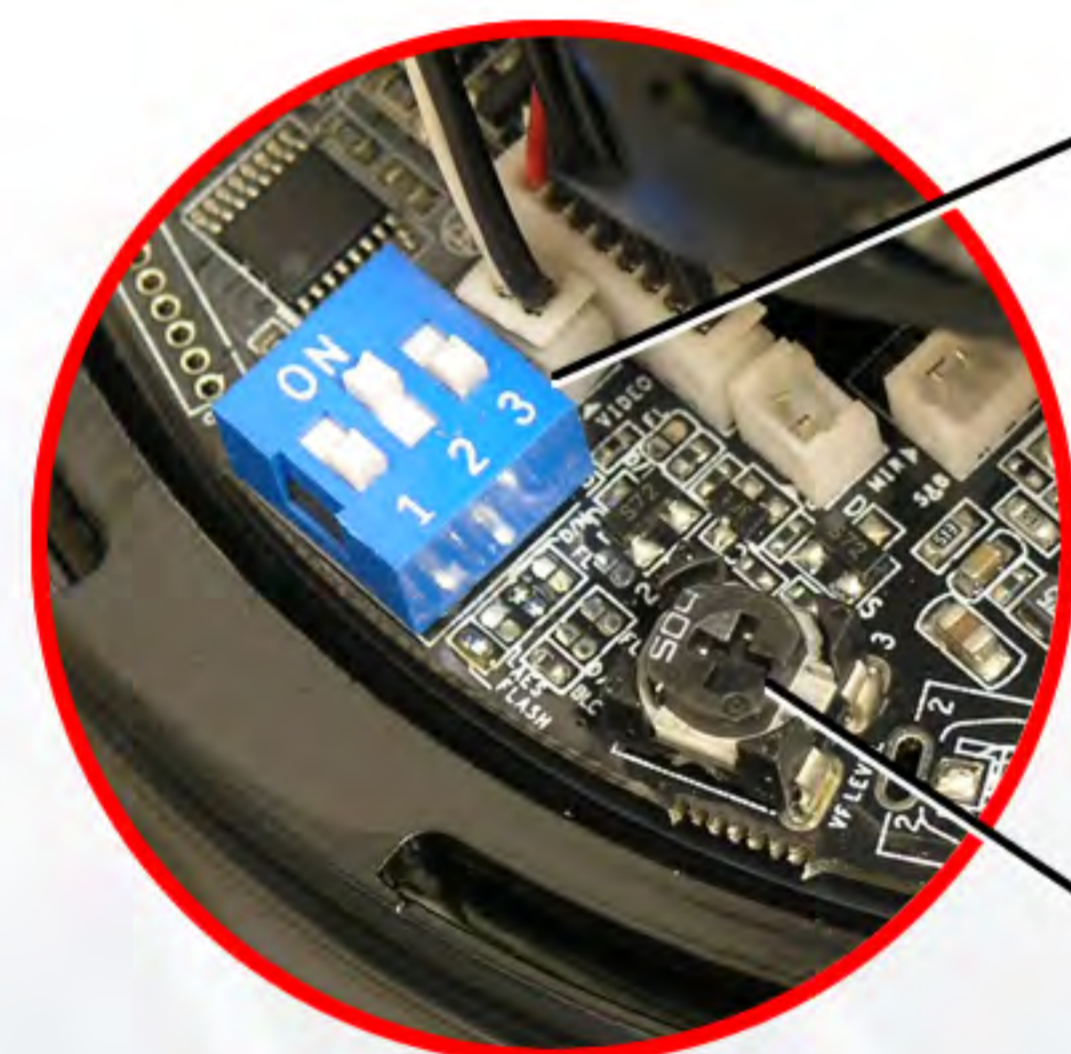
# ECL-5HIM

## Sony Sensor Equipped Camera with SMART Infrared

This indoor color dome camera can accept 12VDC or 24VAC. It provides a high quality video image using a Sony© 1/3" CCD video sensor, a 2.8-11mm varifocal lens, and a DSP chipset with automatic white balance and switch selectable backlight compensation. An internal 3-axis bracket lets you mount the camera in almost any position. SMART infrared control switches IR LEDs on/off in groups (segmented group control - 7/14/21/28) in order to guard against too much or too little IR light when working in infrared mode.



**Deterrence Strobe LED** - bright white LED can be set to strobe (warning intruders of the presence of CCTV surveillance) or turned off.



**Switch** - Set LED strobe on or off, set backlight compensation on or off, and set delay for switching to infrared mode when a low light condition is detected (accounts for transient low light or shadow conditions). See Switch Settings table at right.

**Day/Night Threshold** - Adjust those potentiometer to control at what LUX level the camera switches to night mode (b/W video, SMART IR system turns on).

### Easy to Aim and Adjust

Remove the base (using the tool provided) and easily access the 3-axis bracket to point and aim the lens in any direction you require.

120° Vertical Camera Angle Adjustment



360° Horizontal Camera Angle Adjustment



90° Lens Angle Adjustment



### 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 eTV lines / 600+ iTV lines*
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: 28 Units Operating at 850nm wavelength with selectable delay time (Smart IR technology control).
IR Range: 60' or more
Deterrence LED: White strobe / ON or OFF state selectable
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 / switch selectable
Electronic Shutter: Auto, 1/60 sec. to 1/100,000 sec.
Dual Power Capable: 12VDC or 24VAC (installers choice) ~330mA, ~750mA (minimum) with IR on
* - eTV: Established Eclipse benchmark TV line rating iTV: Industry suggested TV line rating

### Optical Specifications

Lens: 2.8-11mm manual varifocal, IR optimized aspherical, 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.: approx . 127mm x 86mm (5" x 3.39")
Weight: 331.1g (0.73lbs)

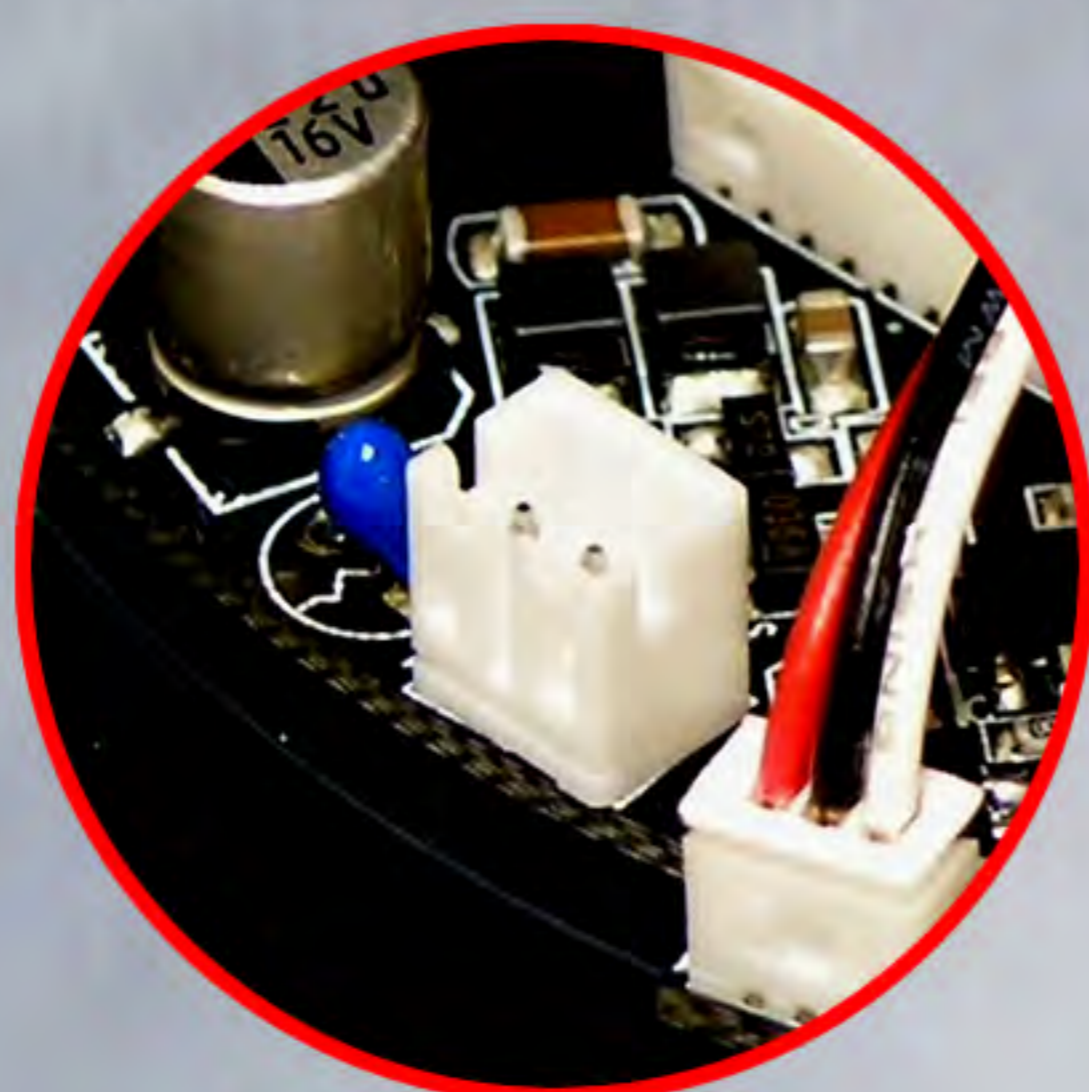
### SWITCH SETTINGS

ON	SWITCH	ON	OFF
	1 - IR Delay	15 seconds	5 seconds
	2 - LED Strobe	OFF	ON
	3 - BLC	OFF	ON

BNC Test Cable



Test Cable Connector Close-Up



### BNC Video Test Cable Included

Each camera comes with a BNC video test cable you can use with a portable test monitor (like our ECL-LCD4 battery powered portable LCD monitor) to check camera aim and focus during installation - no need to leave the ladder.

Attach the test cable, make sure the image is what you want, then remove the test cable. Put the case on the camera, tighten the screws - and then it's on to your next task.