



ECO SERIES

ECO-CPH37

High Resolution Conical Pinhole Lens Camera

High Resolution High Sensitivity camera designed by industry specialists to meet the stringent demands of today's CCTV Professional.

The newest addition in our history of elite quality cameras, Ikegami is proud to announce the ECO-CPH37 Mini Cube camera. This camera comes with higher resolution- an impressive 700TVL- plus the added benefit of a 3.7 mm conical pinhole lens for your discreet surveillance requirements. The result is higher sensitivity in lower light levels with highest resolution available in a compact analog camera.

0.05 lx, 700TVL High Resolution Pictures

The ECO-CPH37 achieves a horizontal resolution of 700 TVL with 518,000 NTSC / 607,000 PAL pixels, enabling reproduction of exceptionally clear and detailed images in ultra-low light conditions. The ECO-CPH37 performs at levels as low as 0.05lux minimum scene illumination performance!

>52dB, High Picture Quality, Low Smear and Noise

The improved DSP circuit permits 52dB Signal-to-Noise ratio with Low Smear.

By the factor, a clear image can be captured even under strong light.

960H Image Sensor

The ECO-CPH37 goes to a whole new level performance with our 1/3" format 960H CCD sensor that provides wide-screen formats covering more blind spots than the regular 4:3 aspect ratio format.

If needed, it has switchable capability to set it at 4:3 regular aspect ratio format.

Auto White Balance

The ECO-CPH37 features automatic tracking white balance control (ATW) and automatic white balance control (AWC).

The result is better color tracking in difficult lighting conditions (such as sodium light).

RECOMMENDED POWER SUPPLY



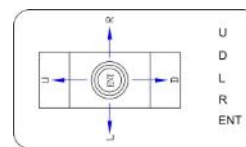
IK-12500

- 12V DC 500MA Plug In Power Supply
- Primary: 120 Volt 60 Hz
- Secondary: 12 VDC 500MA
- 2.1mm Coax plug
- 6 foot cord
- UL Approved
- Individually Boxed

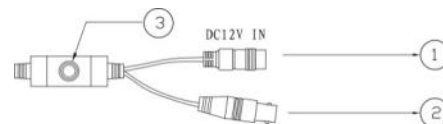
OSD Capability

A joystick button located at the camera connecting cable provides access to the unit OSD for easy selection of the unit adjustable parameters such as;

- 8 Languages
- Lens
- Shutter
- White Balance
- Noise Reduction
- Picture Adjust
- BLC
- ATR
- Privacy
- Motion Detection
- Camera ID
- Camera Reset
- Day/Night



- 1) Press "U" for screen choice
- 2) Press "D" for screen choice
- 3) Press "L" for screen choice
- 4) Press "R" for screen choice
- 5) Press "ENT" for screen choice



- ①. DC in
- ②. Video out
- ③. OSD Panel



ECO SERIES

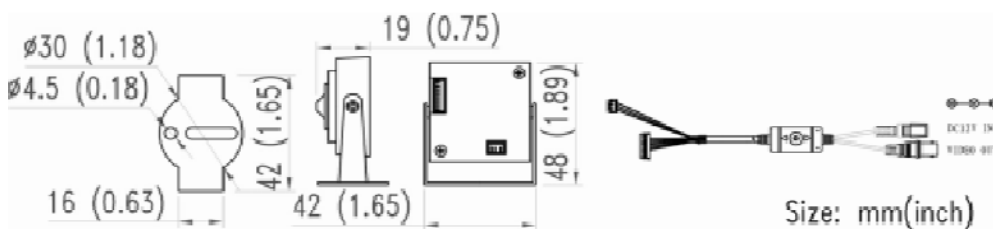
ECO-CPH37

High Resolution Conical
Pinhole Lens Camera

Specifications	Function
Type	Color
Image Sensor	1/3" 960H CCD
Signal Format	NTSC
Picture Elements	NTSC:1020Hx508
Horizontal Frequency	NTSC:15.734KHz
Vertical Frequency	NTSC:60Hz
Clock Frequency	NTSC: 36MHz
Scanning System	2:1 Interlace
Horizontal Resolution	700 TVL
S/N Ratio	≥52dB
Min Illumination	0.05Lux
Auto Electronic Shutter	NTSC:1/60-1/100,000S PAL:1/50-1/100,000S
White Balance	ATW
BLC	OFF
Auto Gain Control	ON
IR SMART	ON
Lens	3.7mm Pin Hole Lens
Video output	1Vp-p,75Ω
Gamma Correction	0.45
Current Consumption	75mA
Power Supply **	DC 12V±10%
Weight	70g (2.47 oz.)
Dimensions	48x42x19mm (1.89"x1.65"x0.75")
Storage Temperature	-30°~+60°C (-22°F~+140°F)
Operating Temperature	-30°~+45°C (-22°~+113°F)

** Note: The camera are only operated with regulative adaptor DC 12V, AC to DC non-regulative adaptor may cause camera damaged.

DIMENSIONS



Design and specifications are subject to Change without notice.