

EER-E361

Rugged IR PTZ Camera

- ❖ 36X zoom camera
- ❖ 530TV Lines
- ❖ Support WDR
- ❖ Vehicle application
- ❖ e-mark



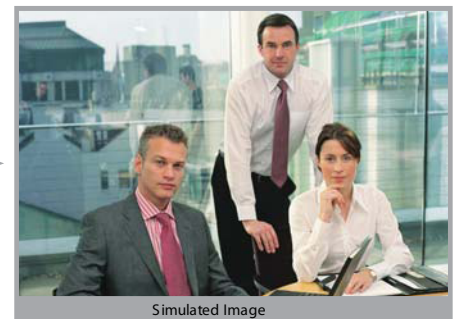
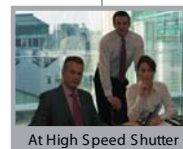
EER-E361

(HIGH-POWERED OPTICAL 36X ZOOM & WDR)

It incorporates a powerful 36x optical zoom lens, allowing for a zoom capacity of up to 432x when used in combination with its 12X digital zoom. The integrated Advanced BLC technology is used to improve the camera's dynamic range by 128 times, resulting in high definition image reproduction during extreme high contrast environments.

WDR (Wide dynamic range)

The Camera delivers clear, high quality pictures even in backlight, by increasing exposure in dark areas while decreasing it in bright areas a corrected image with clear details results.



FEATURES

- 1/4" Exview HAD CCD, Sony optical 36x zoom with WDR
- High-powered 36x optical zoom
- IR/ White LED selectable
 - 5Ø IR LED 46pcs
 - 5Ø White LED 46pcs
- Light distance: 80m (manual focusing)
- IP66 Outdoor Application
- Endless Pan rotation (-22.5 ° to 90 ° Tilt angle)
- Up to 63 programmable preset
- less than $\pm 0.1^\circ$ Preset Accuracy
- 8 programmable Tour, 4 Pattern
- Alarm - Move the camera to programmed Preset position with Alarm trigger.(Max. 2)
- 4 Scan(Programmable speed and diagonal scan)
- Programmable Privacy Masking(2 Zones)
- RS-422, RS-485 communication
- Multiple protocol (Pelco-D, Pelco-P, Wonwoo)
- Built-in Menu System for Setup of Programmable Functions
- Mechanical Auto Flip
- Programmable Zoom Speed(Optional Update tool)
- DC 12V, 1.5A

OPTIONAL(EES-261)

This stable and reliable design makes ideal for car application such as traffic monitoring, car surveillance, because it has IP66 grade, Aluminum die-casting body and Image Stabilizer function.(only 26X zoom Series)

* Additional IR Models are not recommended for car application.



Light Function

It's built-in 45 pcs LED (Infra-red or white), So it provides visible distance up to 80m in dark.(manual focusing)

Auto ICR

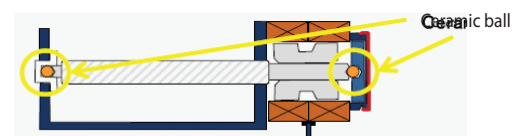
These cameras offer optimal sensitivity in both day and night shooting applications. At a set level of darkness, the IR-cut filter is automatically disabled (ICR ON) and the near-infrared sensitivity is increased. At a set level of brightness, the filter is automatically enabled (ICR OFF). The IR-cut filter automatically engages depending on the ambient light, allowing the camera 24/7 operation in a variety of lighting conditions.

Enhanced Auto Focusing & Smart Lens Control

The newly developed focus motor adopts the special ceramic ball as pedestal of shaft (current one is steel ball). This will greatly enhance the durability of focus motor. By increasing the speed of rotation of zoom motor and redesigning the motor screw, the zoom speed will be faster.(4.0sec \rightarrow 2.5sec)

These cameras feature this function. Each incorporates SMART Lens Control technology, which monitors the focus position of the lens while zooming, and automatically compensates for any mechanical misalignment that may occur over long periods of continuous usage. With this beneficial feature, periodic lens initialization is no longer required during continuous 24-hour operation.

Cross section of focus motor



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SPECIFICATIONS

MECHANICAL	
Pan	360° Endless Pan 0.1° to 100°/sec.
Pan Preset Speed	110°/sec, ± 0.1° Accuracy
Tilt	-22.5° to 90° tilt angle (64steps proportional to zoom)
Tilt Preset Speed	60°/sec, ± 0.05° Accuracy
Weight	2.7kg
Dimensions	138(Ø) x 205.81(H) mm

ENVIRONMENTAL	
Construction	Aluminum
Ingress Protection	IP66 (Outdoor Housing)
Color	Black or Cool Gray
Operating Temp	-20°C to 50°C (Fan&Heater power ON)
Humidity	0% to 90%

FUNCTIONS	
Preset	63 points less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns
Flip	Mechanical / Auto / Off (Rotate 90° at bottom of tilt)
Auto Scan	4 (programmable speed and diagonal scan)
Privacy Zone	2 blocks with title (Masking / Video off)
Address	Up to 255 selectable ID (Rotary switch)
Data Communication	RS-485 / RS-422
Protocol	Multiple protocol
Baud rate	2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
Alarm In	2 alarm (NO/NC, Priority)
Alarm Out	2 relay out (Hold, Latch)
Display	Zone title on/off (start / end zone)

LIGHT BAR SPECIFICATION	
Rated Voltage	DC 12V
Rotation Number of Reflector	80 ~ 120 / Mins

ELECTRICAL	
Power	DC 12V, 22W, 1.5A(with extra IR 3A) (Power adaptor not included)
Consumption	18.0 W (1.0A Max.)
Fan & Heater	42W
Light	5Ø IR LED or White LED 46pcs
Light distance	80m (manual focusing)

CERTIFICATION	
CE, FCC CLASS A, RoHS, e-mark	

CAMERA SELECTION

MODEL	EER-E361-N / EER-E361-P
Image Sensor	1/4" Exview HAD CCD
Effective Pixels	NTSC: 380K, PAL: 440K Pixels
Lens	Optical 36x, Digital 12x f=3.4 to 122.4mm(F1.6 to 4.5)
Digital Zoom	ON/OFF(Max. 12x)
Angle Field of View	H : 57.8°(wide) to 1.7°(tele)
Scanning System	Interlace
Synchronization	Internal
Frequency	NTSC: 15.734 Khz(H), 59.94 Hz(V) PAL: 15.625 Khz(H), 50.00 Hz(V)
Resolution	530 TV Lines
Min. Illumination	0 Lux (IR ON)
S/N (Y signal)	50 dB
Video Output	CVBS : 1.0Vp-p/75Ω
Focus	Auto / Manual / One-Push
IRIS Control	Auto / Manual
Camera Title	ON/OFF
Day & Night	ON/OFF (IR Cut Filter Removable)
Gain Control	Low, Middle, High, Manual, Off
White Balance	1,800K ~ 10,500 K
Image Stabilizer	ON/OFF
Electronic Shutter Speed	22 steps 1/1 to 1/10,000
Control Output	2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
Flip	Mechanical Auto flip ON/OFF
Operating Temperature	-20°~50 °C (Fan /Heater power ON)
Weight	2.7kg
Dimensions	138(Ø) X 205.81(H) (mm)

DIMENSIONS

Unit : mm

