

# EZ230/EZ235

## 1/3" Color Sony CCD INFRARED Outdoor Camera

### Specifications:

Model	EZ230	EZ235
Horizontal Resolution	380TVL	
Image Device	1/3" SONY	
Effective Pixels	N:537(H)x505(V), P:537(H)x597(V) (EZ230)	
Sensitivity	0.05lux,0lux IR on	
Scanning System	NTSC: 625lines 2:1 interlace, PAL:625lines 2:1 interlace	
Scanning Frequency	NTSC:15734Hz(H),60Hz(V), PAL:15625Hz,50Hz	
Electronic Shutter	NTSC: 1/60-100,000sec, PAL:1/50-100,000sec	
PowerSupply	90-265V	
Signal to Noise	More than 48 dB(AGC OFF)	
Gain Control	AGC	
White Balance	ATW 2500-9000°K	
BL C	Auto	
Gamma Correction	0.45	
SYNC System	Internal	
Lens	6mm,8mm,12mm optional - for EZ230 8mm, 12mm, 16mm optional - for EZ235	
Video Output Composite	1.0Vp-p at 75 ohm	
IR LED	High-light LED x12pcs	
LED Component	AlGainP	
IR View Angle	View angle:80-100° Beam spread:20-30°/per LED	
IR Wavelength	850nm	
IR Distance	30M	50M
IR Status	Under 10 lux by CDS auto control	
LED Life	More than 20,000 hours	
Protection Class	N/A (indoor use)	
Power Consumption	IR on:460mA,IR off:100mA	
Housing Construction	Plastic	
Heat Dissipating	Special metal board device	
Operating Conditions	Working:-20-50°C, Storage:-30-70°C, Humidity:0-95%RH	
Dimensions	95(f x)250(L)	
Weight	1.32kgs	
Weatherproof ratings	IP66	

### Features:

- Special optical low pass filter (inside) for high IR response
- Automatically switches to black and white image when light levels fall below 1 lux.
- Zero color rolling, low smear

### Ordering Information:

EZ230-6: IR Camera, with f=6.0mm lens,  
EZ230-8: IR Camera, with f=8.0mm lens,  
EZ230-12: IR Camera, with f=12.0mm lens,  
EZ235-8: IR Camera, with f=8.0mm lens,  
EZ235-12: IR Camera, with f=12.0mm lens,  
EZ235-16: IR Camera, with f=16.0mm lens



EZ235



EZ230

### Night-vision cameras provide Owl Vision

The general purpose color CCD Camera series features 10-bit A/D converter offers clean, vivid and reliable pictures. The camera has low light sensitivity 0.05lux is achieved by using the advanced 1/3" interline transfer color SONY CCD with picture element up to 537x597. This allows the camera to produce natural looking images even in poor lighting conditions, which make an outstanding camera executes security duty at economic cost.



▲ Day(Color mode)

▲ Night (B/W mode)  
at low-light condition

# EZ230/EZ235

## 1/3" Color CCD Infrared Camera

The Infrared EZ series from EverFocus combines 12 IR-LED pieces with advanced color digital signal processing for an economical yet full featured color weatherproof camera. The EZ IR Series camera features 1/3" Sony color CCD sensor, sensitivity illumination of 0.05 lux with optional lens lengths of 6.0, 8.0 and 12.0 mm.

The 12 IR-LED pieces offer more than 20,000 hours of illumination with an effective range of up to 50 meters in the dark (EZ235). Other features include auto gain control, white balance (2500~9000k) and auto electronic Shutter at 1/60(1/50) ~ 1/100,000

