



ED230

1/3" Color Sony CCD IR-LED Dome Camera

The NEW Infrared ED series from EverFocus combines 6 pieces of IR-LED with advanced color digital signal processing for an economical yet full featured color mini dome camera.

The camera's built in 6 pieces of IR-LED offers long life luminary for 20,000 hours with an effective range of up to 15M. Other features include auto gain control, white balance (2500~9500^ok), and auto electronic shutter at 1/60(1/50) ~ 1/100,000 sec.

ED230

1/3" Color Sony CCD IR-LED Dome Camera

Specifications:

Model	ED230
Horizontal Resolution	380TVL
Image Device	1/3" SONY
Effective Pixels	510x492(NTSC); 500x582(PAL)
Sensitivity	0.95lux/F=1.2(AGC ON); 0lux (IR ON)
Electronic Shutter	NTSC: 1/60-100,000sec, PAL: 1/50-100,000sec
PowerSupply	12VDC
Signal to Noise	over 48dB
Gain Control	AGC
White Balance	ATW 2500-9500 ^o K
BLC	Auto
Gamma Correction	0.45
SYNC System	Internal
Lens	4.3/6mm optional
Video Output Composite	1.0Vp-p at 75 ohm
IR LED	High-light LED x6pcs
LED Component	AlGainP
IR View Angle	View angle:80~100 ^o , Beam spread:20~30 ^o /per LED
IR Wavelength	850nm
IR Distance	10~15M
IR Status	Under 25 lux by CDS auto control
LED Life	More than 20,000 hours
Protection Class	N/A (indoor use)
Power Consumption	IR on:280mA,IR off:100mA
Housing Construction	Plastic
Heat Dissipating	Special metal board device
Operating Conditions	Working:-20~50 ^o C, Storage:-30~60 ^o C, Humidity:0~95%RH
Dimensions	106mm (D) x 88mm(H)
Weight	330g

Features:

- Special optical low pass filter (inside) for high IR response
- Automatically switches to black and white image when light levels fall below 25lux.
- View angle 80~100^o deg-Range, IR distance 15 meters
- Zero color rolling, low smear

Ordering Information:

- ED230-4D: IR Dome Camera, f=4.3,
White base and black shell
- ED230-6D: IR Dome Camera, f=6.0,
White base and black shell
- ED230-4A: IR Dome Camera, f=4.3,
Black base and black shell
- ED230-6A: IR Dome Camera, f=6.0,
Black base and black shell

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 0.95lux is achieved by using the advanced 1/3" interline transfer color SONY CCD with picture element up to up to 510x492 (NTSC). 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