

## 1/3" ExView SONY CCD 30m IR Day/Night Camera



SONY  
CCD

### ■ Features

- Advanced 1/3-inch SONY HAD CCD (Charged Coupled Device) with approximately 266,664 pixels in NTSC and 315,444 in PAL
- 480 lines horizontal resolution, sensitivity 0.01 lux at F/1.2, 0 lux (IR ON)
- Combined with IR, CCD color image automatically changed into B/W image in the dark. Capable for day/night monitoring
- Allows for an effective range of up to 30M under optimum conditions
- High 56dB S/N ratio, zero color rolling
- Low smear, 48 zone BLC and edge enhancement
- 2X Digital Zoom, Mirror Function, Audio Output (Optional)
- Auto Electronic Shutter 1/60(1/50)--1/120,000 sec. linear (ON/OFF)
- Video-Driver and DC Driver lens are available
- Either C-mount or CS-mount lens capable

### ■ Specifications

Pickup Device	1/3" SONY HAD CCD Image Sensor
Picture Elements	768(H) X 494(V) (NTSC) 752(H) X 582(V) (PAL)
Scanning System	525 lines, 60 field/sec. (NTSC) 625 lines, 50 field/sec. (PAL)
SYNC System	Internal (option Line-lock)
Minimum Illumination	0.01 lux at F/1.2, 0 lux (IR ON)
Horizontal Resolution	480 TV lines
White Balance	ATW/AWB switchable (3200-10000°K)(Zero color rolling)
Auto Gain Control	AGC ON/OFF switchable
S/N Ratio	More than 56 dB (AGC OFF)
Electronic Shutter	1/60-1/120,000sec.(NTSC) 1/50-1/120,000sec.(PAL)
Auto Iris	Video/DC/A.E.S.
B.L.C. Function	ON/OFF switchable
Mirror Function	ON/OFF switchable (Optional)
2X Digital Zoom	ON/OFF switchable (Optional)
Audio Output	ON/OFF switchable (Optional)
Video Output	1.0 Vp-p at 75 ohm composite, BNC connector
Gamma Correction	0.45
Operation Temp.	-20°C to +50°C
IR LED	4 units 840nm IR LED, DC12V 80mA
IR Distance	30M
View Angle	80°
LED Average Life	20000hrs
LED Warranty Life	6000hrs
Lens Mount	CS mount (C mount capable with adaptor)
Power Source	DC 12 V(±10 %) 120mA AC 24V (Optional)
Construction	Aluminum, with light grey baked enamel finish
Dimensions	58(W)X52(H)X98(D) mm
Weight	350g (0.77 lb)