

## 1/3" CCD Day/Night Camera



The SI-C558IR is a 1/3" CCD that is equipped with day/night capabilities and audio. It is built for mobile applications and designed to withstand the rigorous conditions of mass transit and law enforcement environments. With built-in infrared illuminations and integrated audio you can see as well as hear what is behind your vehicle. Special features include the premiere Sony Super HAD/EXview 1/3" CCD sensor which provides 520 TV Lines of resolution and light sensitivity as low as 0 lux (with IR). It is available in NTSC or PAL.

### *Product Features*

- 1/3" Sony Super HAD CCD/EXview HAD CCD image sensor
- Specially designed for challenging 24 hour surveillance applications
- Excellent picture quality 520 TV Lines
- Day & Night mode (0 Lux with IR)
- LED lighting distance up to 10 meters (850nm)
- Auto white balance and AGC
- Optional audio output



SI-C558IR 1/3" CCD

# SI-C558IR Specifications



## Power

Power Source	10V DC ~ 14V (Recommended DC 12 +/- 0.5V)
Power Consumption	Less than 150mA

## Sensor and General Information

Processing Image Sensor	Sony Super HAD 1/3" Sony Super HAD CCD/ EXview HAD CCD
Pixel Element	NTSC: 280K x 410K PAL: 320K x 470K
Sync. System	Internal

## Video & Audio

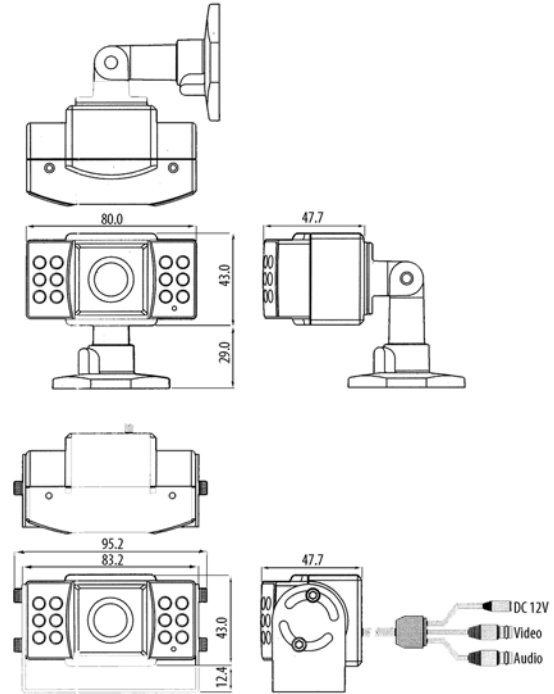
Resolution	520 TV Lines 480 TV Lines 380 TV Lines
Minimum Illumination	0 Lux with IR LED
Video Output	1.0 Vp-p (75 ohm, composite)
S/N Ratio	More than 48dB (AGC off)
Audio Output	2 Vp-p

## Functions & Lens

Lens	Fixed (f=2.5mm/f3.6mm)
Angle of View	f=2.5mm: 145° f=3.6mm: 90°
White Balance	Auto
AGC	Auto
Shutter Speed	NTSC: 1/60 ~ 100,000 sec PAL: 1/50 ~ 100,000 sec
IR LED/Sensor	850nm 11 EA (Option: 940nm), CDS Sensor
LED Lighting Distance	10m (850nm), 5m (940nm)

## Connector and Mechanical

Power Input	Red Jack
Video Output	Yellow Jack
Audio Connector	Optional



*Design and specifications subject to change without notice.*

*Conversion: 1" = 25.4mm*

*Measurement conversions are approximate.*