

## Auto Focus/Auto Iris Infrared LED Camera

IR Distance of 164 Feet (50M)

### Features

- Day: near-far capture clear image 16.4~328 Feet (5~100m)
- Night: near-far capture clear image 16.4~164 Feet (5~50m)
- Unique 25mm Auto Focus, Auto Iris lens (patented)
- "Condenser" can increase the view angle and by adjusting the distance between condenser and LED, the view angle also can be adjusted.
- Built-in color SONY CCD camera
- Auto focal without any mechanic adjusts all optics only

### How it Works

Standard IR Cameras can only capture a clear image of objects either close or far in proximity; not both. With the AAC Auto Focus/Auto-Iris, IR Camera, you can capture a clear image of objects both near and far without any manual manipulation.

### General Specifications

Scanning System	NTSC: 525 lines, 2:1 interlace	PAL: 625 lines, 2:1 interlace
Scanning Frequency (H x V)	NTSC: 15,734 Hz x 60 Hz	PAL: 15,625 Hz x 50 Hz
Electronic Shutter	NTSC: 1/60 ~ 100,000 sec.	PAL: 1/50 ~ 100,000 sec.
Power Supply	12V DC / 24V AC / 85 ~ 260V AC (50/60Hz)	
Signal to Noise	More than 50dB (AGC on)	
Gain Control	Automatic (AGC)	
White Balance	Auto ATW 2500 ~ 9500°K	
BLC	Auto	
Gamma Correction	0.45	
SYNC System	Internal	
Lens	25mm Auto Focus, Auto Iris Lens	
Video Output	Composite 1.0 Vp-p at 75 ohm	
IR Illuminator	12 LEDs and an adaptable condenser lens	
LED Type	AlGaInP, High-Light LED, High Performance	
IR View Angle / Beam Spread	50° ~ 80° / 30° per LED	
IR Wavelength	850nm	
IR Distance	Daytime: 5M ~ 100M; Nighttime: 5M ~ 50M	
IR Status	< 10 lux by CDS auto control	
LED Life	> 20,000 hours	



### Specifications

Model	RIRC-C1-50A	RIRC-C1-50C	RIRC-C1-50B	RIRC-C1-50D
		RIRC-C2-50A	RIRC-C2-50C	RIRC-C2-50B
Horizontal Resolution	380 TV Lines	380 TV Lines	520 TV Lines	480 TV Lines
Image Sensor	1/3" Sony CCD	1/3" Extra View CCD	1/3" Sony CCD	1/3" Extra View CCD
Effective Pixels (H x V)	NTSC	537 x 505	537 x 505	811 x 508
	PAL	537 x 597	537 x 597	795 x 596
Sensitivity (IR off / IR on)	0.05 lux / 0 lux	0.01 lux / 0 lux	0.06 lux / 0 lux	0.05 lux / 0 lux

### Physical/Environmental Characteristics

Model Series	RIRC-C1-50 series	RIRC-C2-50 series
Dimensions (mm)	95 (Φ) x 250 (L)	95 (Φ) x 150 (L)
Weight	2.91 lbs / 1.32 kg	1.54 lbs / 0.7 kg
Power Consumption	IR on	460mA
	IR off	100mA
Power Supply	12V DC / 24V AC / 85~260V AC	
Construction	Aluminum with sunshield weatherproof	
Heat Dissipation	Special metal board device	
Protection Class	IP 66 classification	
Operating Temperature	-4°F ~ 122°F / -20°C ~ 50°C	
Storage Temperature	-4°F ~ 158°F / -30°C ~ 70°C, Humidity 0 ~ 95% RH	

