

R35

IR Backup Camera



- ✓ *Super wide angle (150°)*
- ✓ *Embedded-type, specially designed for car rear view systems*
- ✓ *IP69K Waterproof and weather resistant housing for outdoor use*
- ✓ *Night vision with infrared lights; auto switch to B/W mode.*
- ✓ *IR distance: approx. 8m*
- ✓ *Day/Night sensor for automatic adjustment*

Technical Specifications

Product series	IR Backup Camera		
	R35-134CI	R35-136CI	R35-132CI
Environment Rating	Outdoor		
Resolution	420 TV lines	420 TV lines, 600 TV lines optional	500 TV lines
Sensor	1/3" Sharp CCD	1/3" Sony Super HAD CCD	Pixelplus 1/3" Color CMOS PC1089
TV System	PAL/NTSC		
Lens	f=2.8mm, 3.6mm, F=2.0	f=2.8mm, 3.6mm optional	f=2.8mm, F=2.0
Effective pixels	PAL:512(H)*582(V) / NTSC:512(H)*492(V)	PAL:500(H)*582(V) / NTSC:510(H)*492(V)	728(H)*488(V)
Sensing Area	4.9mm(H)*3.7mm(V)	4.9mm(H)*3.7mm(V)	4.6mm(H)*3.6mm(V)
Horizontal Sync. Frequency	15.625KHz/15.734KHz		
Vertical Sync. Frequency	50Hz/60Hz		
Minimum Illumination	0Lux / F=1.2 (with IR on)	0.05Lux(day)/ F=1.2, 0Lux (with IR on)	0.1 Lux (day), 0Lux (with IR on)
Scanning System	2:1 Interlace		
Sync System	Internal		
S/N	More than 48dB		
Electronic Shutter	1/50(PAL)~1/100,000 sec, 1/60(NTSC)~100,000 sec		
White Balance	Auto		
Auto Gain Control	Auto		
Back Light Compensation	Auto		
Gamma Correction	0.45		
Adjust Angle	120° / 92°	120° / 92°	120°
Audio (Microphone)	Optional		
Video Output	1.0Vp-p composite / 75Ω, 4 PIN DIN connector		
IR	6 IR LEDs		
IR Distance	Approx. 8 meters		
Power supply	DC 12V		
Current consumption	Max. 230mA	Max. 250mA	Max. 140mA
Working temperature	-20°C~70°C / -4°F~158°F		
Storage temperature	-40°C~80°C / -40°F~176°F		
Working Humidity	RH95% Max.		
Waterproof level	IP69K		
Weight	0.17kg / 0.3748lbs		
Size (DxWxH)	57mm x 52.2mm x 48mm / 2.244" x 2.055" x 1.89"		
Certifications	CE, FCC		