

ViPRO 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	R35-144CI	R35-136CI	R35-132CI
Environment Rating	Outdoor			
Resolution	420 TV lines	420 TV lines	420 TV lines, 600 TV lines optional	500 TV lines
Sensor	1/3" Sharp CCD	1/4" 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=1.7mm, F=2.5	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: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)	3.6mm(H)*2.7mm(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)	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°	150°	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. 750mA	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			