

ViPRO R69

Waterproof Reverse Camera



- ✓ IP69K Waterproof and weather resistant housing for outdoor use
- ✓ Excellent night vision, day/night sensor for automatic adjustment
- ✓ IR distance: approx. 22m
- ✓ Infrared LED light: 28
- ✓ Distance label selectable for open or closed
- ✓ IR-CUT optional, effectively avoid color aberration in daylight
- ✓ Mirror/Normal image switch (depending on the chips)
- ✓ Wide power supply: 8V~32V; Working temperature: -40°C~70°C

Technical Specifications

Product series	Waterproof Reverse Camera for Heavy Duty			
	R69-134CAI	R69-144CAI	R69-136CAI	R69-132CAI
Environment Rating	Outdoor			
Resolution	420 TV lines	420 TV lines	420 TV lines, 600 TV lines optional	500 TV lines
Sensor	1/3" Sharp Color CCD	1/4" Sharp Color CCD	1/3" Sony Super HAD Color CCD	Pixelplus 1/3" Color CMOS PC1089
TV System	PAL/NTSC			
Lens	f=2.8mm / 3.6mm, F=2.0	f=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: 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	0.1Lux / F=1.2, 0Lux (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			
BLC	Auto			
Gamma Correction	0.45			
Adjust Angle	120° / 92°	69°	120° / 92°	120°
Audio(Microphone)	Optional			
Video Output	1.0Vp-p composite / 75Ω, 4 PIN DIN connector			
IR	28 IR LEDs			
IR Distance	Approx. 22 meters			
Power supply	8~32V	DC 12V	DC 12V	8~32V
Current consumption	Day: 12V/70mA, 24V/45mA; Night: 12V/245mA, 24V/145mA	Max. 300mA	Max. 300mA	Day: 12V/55mA, 24V/40mA; Night: 12V/230mA, 24V/140mA
Working temperature	-20°C~70°C / -4°F~158°F			
Storage temperature	-40°C~80°C / -40°F~185°F			
Working Humidity	RH95% Max.			
Waterproof level	IP69K			
Weight	0.58kg / 1.279lbs			
Size (DxWxH)	102mm x 72.34mm x 59.5mm / 4.016" x 2.848" x 2.343"			
Certifications	CE, E13, FCC			