

SKY-50IRS Series

Day & Night

Waterproofing (IP-68) of IR Camera



The dual-glasses



The camera waterproofing setting box



The electric cable waterproofing nut is easy to be under construction.

Product Feature



Built-in IR cut filter

- With 1/3" Sony Super HAD color CCD sensor.
- The image resolution is including 420 TV lines and 480 TV lines. The minimum illumination is 0.5 Lux/F2.0, 0Lux(IR ON).
- The lens have 4, 6, 8 (12, 16mm Option).
- With 70 units IR LED and could make the picture bright and shining.
- The effective detection distance is 40~45M in a suitable condition.
- (Innovation design) The camera waterproofing setting box, it sets the space for power source and the wiring. It is very convenience to be under construction.
- (Innovation design) The waterproofing nut of electric cable, you can get through the installation by the simple tool. It is very convenience to be under construction.
- Built-in IR cut filter. It makes the image clearer, the saturation to be higher, and the illumination to be lower.(Option)
- With the glass separation (dual-glasses), it could avoid dirt and dust on glasses. There is no atomization phenomenon and blur when IR is on.
- The infrared electric circuit is the patent special arrangement design. It does not affect other IR LED operation normally when one of IR LED damaged.
- With the electronic shutter, the back light compensation (BLC), the automatic gain control (AGC), and automatic white balanced (AWB) function.
- The Power Source is DC12V, (AC24V Option)
- The top cover and the main-body are made of hardness aluminum alloy.
- It has passed the IP68 waterproofing, CE, FCC, WEEE and RoHS certification.

The innovation design patent, please do not copy

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Specification

Model	SKY-50IRS	SKY-50IRSH
Pick-Up Element	1/3" Sony Super HAD color CCD sensor	
Number Of pixel	510(H)x492(V) <NTSC>	500(H)x582(V) <PAL> 768(H)x494(V) <NTSC> 752(H)x582(V) <PAL>
Resolution	420 TV lines	480 TV lines
Min. Illumination	0.5Lux / F2.0 , 0Lux(40~45 meters IR ON)	
S/N Ratio	More than 48db (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec	
Gamma	0.45	
Iris Mode	AES	
White Balance	ATW	
Video Output	1.0 Vp-p composite, 75Ω	
Lens	Standard 4,6,8mm(12,16mm option)	
BLC	Auto	
Gain Control	Auto	
Scan Mode	Interlace	
Synchronization	INT(internal)	
IR LED	70units (850nm IR LED)	
IP	IP-68	
Storage Temperature	- 30℃ ~60℃	
Operating Temperature	- 10℃ ~50℃	
Power Source	DC 12V±10% (or AC24V±10% option)	
Current Consumption	90mA(IR OFF),690mA(IR ON)	
Weight	1230g	
IR Cut Filter	Option	

