

HM-18IR Series

Day & Night

1/3 " IR Color CCD Camera



The dual-glasses



Built-in double filter automatic switching device



Product Feature

- With 1/3" Panasonic D5 color CCD sensor.
- The image resolution is including 420 TV lines and 480 TV lines.
- 0Lux(IR on). The lens have 4, 6, 8 (12mm Option)/ F2.0 fixed focal lens.
- With 18 units IR LED and could makes the picture bright and shining.
- In a suitable condition, the effective detection distance is 15~20M.
- The special indoor of infrared color CCD camera.
- With the glass separation (dual-glasses) could avoid the dirt and dust sticky on the glasses and caused the blur, atomization phenomenon and no clear appearance when IR starting.
- Built-in double filter automatic switching device(Optional).
- The infrared electric circuit with the patent special arrangement design. When one damaged, does not affect other infrareds the normal movement.
- With the electronic shutter, the back light compensation, the image sharply/softly, white balanced locking in the automatic control function.
- No color-rolling design, colored image is clear, to specific target color saturated, the accuracy is high.
- By the most effective infrared arrangement, the picture nature clearly does not have the dead angle in the infrared projection scope, the effect is extremely good.
- The infrared color CCD camera (day and night dual purpose) could be detection and surveillance to the especially goal in darkness.
- The CDS is automatic starting, it could be all-weather 24 hours surveillance in 0Lux illumination.
- The cover use the most hardness aluminum alloy manufacture.
- It has through the CE \ FCC and RoHS certified.



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1/3" IR Color CCD Camera



Specification

Model	HM-18IRN	HM-18IRP	HM-18IRNH	HM-18IRPH
Pick-Up Element	1/3" Panasonic D5 color CCD sensor			
Number Of pixel	512(H)x492(V)<NTSC>	512(H)x582(V)<PAL>	771(H)x492(V)<NTSC>	753(H)x582(V)<PAL>
Resolution	420 TV lines		480 TV lines	
Min. Illumination	0.5 Lux / F2.0 , 0Lux(15~20 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	AWB			
Video Output	1.0 Vp-p composite, 75Ω			
Lens	Standard 4,6,8mm(12mm option)			
BLC	Auto			
Sharpness	Sharp			
IR LED	18units (850nm IR LED)			
Storage Temperature	-30℃~60℃			
Operating Temperature	-10℃~50℃			
Power Source	DC 12V±10%			
Current Consumption	90mA(IR OFF) , 270mA(IR ON)			
Weight	150g			
The switching set of filter	Option			

