

HM-Z60EX Series

Day & Night

Adjustable Vari-Focal and Water Resistance IR Color CCD Camera



The dual-glasses



Waterproofing exterior adjustment vari-focal lens



The camera waterproofing setting box



The electric cable waterproofing nut is easy to construction

Product Feature



Built-in double filter automatic switching device

- With 1/3" Sony EXview HAD color CCD sensor.
- The image resolution is including 420 TV lines and 480 TV lines. The minimum illumination is 0.02 Lux/F1.2, 0 Lux when IR on.
- Built-in automatic iris manual adjust zoom lens 9~22mm/F1.8 standard package, lens 4~9mm / F1.8 (option).
- With 56 units IR LED and could makes the picture bright and shining.
- In a suitable condition, the effective detection distance is 60M.
- (Innovation design) The waterproof exterior adjustment zoom lens, by the thread adjustment way to adjust Zoom & Focus, it makes pictures more clear and sharp.
- (Innovation design) In the camera waterproofing setting box, it sets the space for power source and the wiring and convenience construction.
- (Innovation design) The electric cable waterproofing nut, then completes by the simple tool, facilitates the construction.
- Built-in double filter automatic switching device.
- 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.
- The infrared electric circuit with the patent special arrangement design. When one damaged, does not affect other infrareds the normal movement.
- With the automatic gain control(AGC), the automatic white balanced (AWB) and the back light compensation(BLC) function.
- The top cover and the main-body cover use the most hardness aluminum alloy manufacture.
- It has through the IP68 waterproofing, CE、FCC and RoHS certified.



HM-Z60EX Series Day & Night

Adjustable Vari-Focal and Water Resistance IR Color CCD Camera



Specification

Model	HM-Z60EX-N	HM-Z60EX-P	HM-Z60EX-NH	HM-Z60EX-PH
Pick-Up Element	1/3" Sony Exview HAD color CCD sensor			
Number Of pixel	510(H)*492(V) <NTSC>	500(H)*582(V) <PAL>	768(H)*494(V) <NTSC>	752(H)*582(V) <PAL>
Resolution	420 TV lines		480 TV lines	
Min. Illumination	0.02Lux / F1.2 , 0Lux(60 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	AI			
White Balance	ATW			
Video Output	1.0 Vp-p composite, 75Ω			
Lens	9~22mm/F1.8 DC Auto iris Lens(4~9mm/F1.8 DC Auto iris Lens option)			
BLC	Auto			
Gain Control	Auto			
Scan Mode	Interlace			
Synchronization	INT(internal)			
IR LED	56units (850nm IR LED)			
IP	IP-68			
Storage Temperature	- 30°C ~ 60°C			
Operating Temperature	- 10°C ~ 50°C			
Power Source	DC 12V±10%			
Current Consumption	160mA(IR OFF)/640mA(IR ON)			
Weight	1230g			
IR Cut	Yes(Built-in)			

