

# HM-DZ50HQ Series

Day & Night

Adjustable Vari-Focal and Water  
Resistance Dome IR Color  
CCD Camera



The dual-glasses



Waterproofing exterior adjustment  
vari-focal lens

## Product Feature



Built-in double filter automatic  
switching device

- With 1/3" Sony Super HAD color CCD sensor.
- The image resolution is 540 TV lines.
- Built-in automatic iris manual adjust zoom lens 4~9mm/F1.8 standard package, lens 9~22mm/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 50M.
- (Innovation design) The waterproof exterior adjustment zoom lens, by the thread adjustment way to adjust Zoom & Focus, it makes pictures more clear and sharp.
- 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.



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Adjustable Vari-Focal and Water Resistance Dome IR Color CCD Camera



## Specification

Model	HM-DZ50HQ-NH	HM-DZ50HQ-PH
Pick-Up Element	1/3" Sony Super HAD color CCD sensor	
Process	Sony HQ1 DSP Processor	
Number Of pixel	768(H)*494(V) <NTSC>	752(H)*582(V) <PAL>
Resolution	540 TV lines	
Min. Illumination	0.25Lux / F1.2 , 0Lux(50 meters IR ON)	
S/N Ratio	More than 52db (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	4~9mm/F1.8 DC Auto iris Lens(9~22mm/F1.8 DC Auto iris Lens option)	
BLC	Auto	
Gain Control	Auto	
Scan Mode	Interlace	
Synchronization	INT(internal)	
IR LED	56units (850nm IR LED)	
I P	IP-68	
Storage Temperature	- 30℃ ~60℃	
Operating Temperature	- 10℃ ~50℃	
Power Source	DC 12V±10%	
Current Consumption	190mA(IR OFF)/670mA(IR ON)	
Weight	618g	
IR Cut	Yes(Built-in)	

