

## Waterproof Megapixel HD Array IR Camera (2 IR LED)

Model NO.: : R-H234N ; R-H334N ; R-H534N



### Main feature:

- Professional design for hd network camera, small, beautiful and delicate, best for home security.
- Material: aluminum alloy, innovative patented heat dissipation structure, make hd camera can works well under high temperature.
- 3 models: 2.4 megapixel, 1080P progressive scan; 1.3 megapixel, 960P progressive scan; 1.0 megapixel, 720P progressive scan.
- Advanced digital signal processing technology, high brightness imported SMT IR source, show the best HD video effects in both day and night environment.
- 3.0 Megapixel HD CS lens+ IR-CUT auto swith in day and night, 4mm, 6mm, 8mm, 12mm fixed focus lens optional.
- 2pcs imported SMD array IR LED + Finland LEDIL light lens, effective night vision distance is 50m, excellent performance in dark environment.
- Support 3D DNR, auto white balance, auto electronic shutter, auto electronic gain, real color reproduction, high resolution image.
- Innovate design for build-in audio pickup (external type optional).
- POE module and WIFI module optional. Can add waterproof external TF card storage module.
- Exclusive innovation design, can choose our intelligent rotating bracket.
- Support ONVIF protocol, can provide the SDK.

### Optional back-end products for the system:

IE browse software, P2P HD remote monitoring management software (one key realize remote control without complicated settings), Embedded HD NVR, NVR control keyboard, CMS HD network surveillance platform management software, High-definition surveillance analysis software.

**Technical parameters:**

Model:		R-H234N	R-H334N	R-H534N
Camera	Imaging sensor:	1/4" CMOS progressive scan	1/3" CMOS progressive scan	1/2.8" SONY progressive
	Signal system:	PAL / NTSC adjustable		
	Scanning mode:	Progressive scanning		
	Illumination:	Color 0.2 lux, black & white 0.05 lux, IR on 0 lux	Color 0.2 lux, black & white 0.02 lux, IR on 0 lux	Color 0.2 lux, black & white 0.02 lux, IR on 0 lux
	Lens:	Standard with 3 million pixel 4-12mm fixed focus CS lens		
	Day and night switch:	IR-CUT dual optical filters auto switch in day and night		
	Electronic shutter:	Manual / auto ( adjustable, 1 / 25 ~ 1 / 4000 seconds)		
	White balance:	Auto / manual		
	DNR:	3D-DNR		
	IR source:	2pcs SMD array light source+ Finland LEDIL light lens		
	Effective night vision distance:	50 meters (measured value without light condition)		
Standard compression	Image compression:	H.264		
	Video bit rate:	128 Kbps -- 8 Mbps; CBR / VBR adjustable		
	Audio compression:	G.711 / G.726		
	Audio bit rate:	64 Kbps (G.711) / 16 Kbps (G.726)		
Image	Max image size:	1280 x 800	1296 x 976	1984 x 1225
	Frame rate:	1920 x 1080 @ 30 fps; 1280 x 960 @ 30 fps; 1280 x 720 @ 30 fps; 704 x 576 @ 25 fps; 640 x 360 @ 25 fps; 352 x 88 @ 25 fps		
	Image adjustment:	Through IE can adjust Saturation, brightness, contrast, sharpness		
	Image mirroring:	Horizontal mirroring, vertical mirroring		
	Scene:	Auto, indoor, outdoor		
	Digital enlarge:	Can achieve through NVR, P2P hd monitoring management software		
Function	Storage:	Support TF card storage		
	Interface protocol:	ONVIF		

	<b>Support protocol:</b>	TCP / IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6, Bonjour (SIP, SRTP optional)	
	<b>Intelligent alarm:</b>	Motion detection, mask alarm, network cable break , IP address conflict, storage card is full, storage device is wrong	
	<b>Audio pickup:</b>	Can add internal audio pickup, also support external audio pickup	
	<b>POE power supply:</b>	Support POE power supply (optional), internal and external type	
	<b>WIFI:</b>	Support WIFI function (optional)	
<b>Interface</b>	<b>Communication interface:</b>	1pc RJ45 10M / 100M Adaptive Ethernet port	
<b>Basic parameter</b>	<b>Power input:</b>	DC 12V±10% / POE	
	<b>Power consumption:</b>	1W (IR off) / 5.5W (IR on)	1.1W / 5.6W (IR on)
	<b>Work environment:</b>	-35℃ ~ 60℃, humidity is less than 95% (no condensation)	
	<b>Size:</b>	140 mm x 75 mm x 62 mm	

**The size of the picture:**

