

Waterproof Megapixel HD IR Camera (6 IR LED)

Model NO.: : R-H231E ; R-H331E ; R-H531E



Main feature:

- Professional design for HD network camera, small, beautiful and delicate.
- 3 models: 2.0 megapixel, 1080P progressive scan; 1.3 megapixel, 960P progressive scan; 1.0 megapixel, 720P progressive scan.
- Advanced digital signal processing technology, high brightness SMT IR source, show the best HD video effects in both day and night environment.
- 3.0 Megapixel HD 3.6mm lens+ IR-CUT auto switch in day and night.
- 6pcs SMD array IR LED, effective night vision distance is 20m, 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 microphone and speaker (optional).
- POE module and WIFI module optional. Can add micro SD card storage module. (optional).
- Exclusive innovation design, can choose our intelligent rotating bracket.
- Support ONVIF protocol, can provide the SDK.

Technical parameters:

Model:		R-H231E	R-H331E	R-H531E
Camera	Imaging sensor:	1/4" CMOS progressive scan	1/3" CMOS progressive scan	1/2.8" SONY progressive IMX323
	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:	3 million pixel 3.6mm 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:	6pcs SMD array light source		
	Effective night vision distance:	20 meters		
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 micro SD card storage (optional)	
	Interface protocol:	ONVIF	
	Support protocol:	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)	
	Intelligent alarm:	Motion detection	
	Audio :	Can add internal microphone and speaker (optional)	
	POE power supply:	Support POE power supply (optional)	
	WIFI:	Support WIFI function (optional)	
Interface	Communication interface:	1pc RJ45 10M / 100M Adaptive Ethernet port	
Basic parameter	Power input:	DC 12V±10% / POE	
	Power consumption:	1W (IR off) / 5.5W (IR on)	1.1W / 5.6W (IR on)
	Work environment:	-35℃ ~ 60℃, humidity is less than 95% (no condensation)	
	Size:	134 mm x 87 mm x 63 mm (without bracket)	