



12Megapixel 4K_3K H.264+ Smart Focus Outdoor IR IP Camera

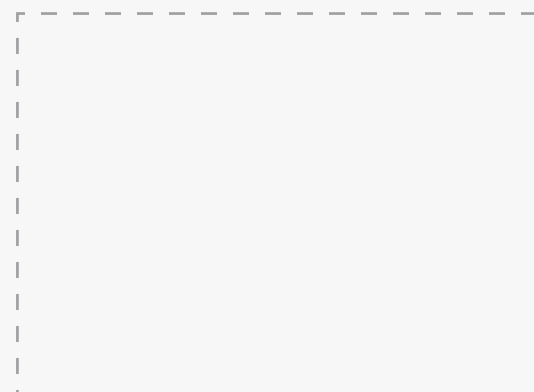
RH-1231Z Premium



- H.264 high profile, main profile, baseline and MJPEG simultaneously
- 12MP mode: Up to 22fps in all resolutions
- 8MP mode: Up to 30fps in all resolutions
- Motorized Vari-focal Lens, remote zoom and focus(AF)
- High light LED. More than 30meter IR Distance
Smart IR LED control, mechanical ICR
- Event trigger action: Send to NAS/Samba/FTP/Email, voice alert, notify to HTTP/TCP servers, local mSD card
- Power over Ethernet: IEEE 802.3af Class3
- IP66 weather proof, IK10 vandal proof
- Open Standard Protocol

Camera		Ethernet	10Base-T/100Base-TX/1000Base-T auto negotiation
Image Device	Sony 1/1.7" Starvis™ image sensor	System Integration	
Effective Pixels	12MP,4000 x3000 pixels	Application Programming Interface	<ul style="list-style-type: none"> ● Open API for software integration ● SDK
Lens	Motorized MFZ Lens (F=3.6-11mm, F=1.5)	Alarm Triggers	<ul style="list-style-type: none"> ● Person detection ● Face detection ● Car detection ● Video motion detection ● Cross Line Detection ● Restricted area ● Camera Tampering ● Digital input (DI) ● Network Disconnect
IRIS Type	P iris	Motion Detection	10-zone video motion detection with included Motion Detection or excluded options
ICR Type	Mechanical	Alarm Events	<ul style="list-style-type: none"> ● File upload via FTP or email ● File upload via Samba to NAS ● File save to local mSD card ● Notification via email, HTTP, and TCP ● External output activation(DO) ● ICR On/Off
IR LED	High light LED. More than 30meter IR distance Smart IR control	General	
Video		Connectors	<ul style="list-style-type: none"> ● RJ-45 10Base-T/100Base-TX(Gigabit Lan) ● 1 alarm input and 1 output (terminal block) ● Micro SD slot(Support SDXC up to 128GB capacity) ● On-Board factory default reset button
Video Encoder	H.264+, H.264 (base line, main-profile, and hi-profile) and MJPEG simultaneously	Indication LED	Green and orange LEDs
Video Profile	Multi-streaming simultaneously	Operating Temperature	-20°C to 50°C
Frame Rate	12MP mode: Up to 22fps in all resolutions 8MP mode: Up to 30fps in all resolutions	Operating Humidity	20% ~ 80% (non-condensing)
Region of Interest	Multi-area ROI	Certification	IP66 weather proof IK10 vandal proof
Exposure Control	Auto / Auto Indoor / Manual Exposure (Manual mode : 1/30s~1/27,000s) DOL WDR	Viewing System	
Image Setting	<ul style="list-style-type: none"> ● AE, AWB ● 3D Noise reduction ● Color, brightness, sharpness, contrast, Hue ● Image Mirror/Flip, 90° Rotation ● Privacy Masks ● DIS ● Pixel Count ● Anti-False Color ● Defog 	OS	Windows® 7, 8, 10
Streaming	<ul style="list-style-type: none"> ● Simultaneously multi-streaming ● Streaming over UDP, TCP, HTTP, or HTTPS ● M-JPEG streaming over HTTP (server push) ● Controllable frame rate and bandwidth ● Constant and variable bit rate ● ROI(Region of interest) ● AOI (Higher Quality in AOI area) 	Browser	IE 9.0 or later, Mozilla Firefox, Chrome, Safari
Network		Smart phone	Android™, iPhone™
Supported Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, SNMP, CoS, 802.1x, iSCSI	Video Player	VLC, Quick Time, Real Player, Core Player
Security	Golden capacity,802.1x protocol, IP address filtering, HTTPS Security encrypted data transmission, user access log,Password protection	Software	
Users	20 simultaneous unicast users	Search & Installation	IP Wizard II
		Easy DDNS	DDNS™
		Software Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps	

Distributed by :



※ The product design and dimensions may change without previous notice for improvement of performance.

