



2 Megapixel H.264+ AI Outdoor IR IP Camera

RH-232Z2-AI



- H.264+, H.264 high profile, main profile, baseline and MJPEG simultaneously
- 25 / 30 fps real time at all resolution
- AI on edge: Car detection, Person detection, Face detection
- Motorized remote zoom and focus lens
- High light LED, mechanical ICR
- Camera Tampering, Motion Detection,
- Support various protocols: RTSP, UPnP, HTTPS, Samba, SNMP, QoS...etc.
- Power over Ethernet: IEEE 802.3af Class3
- IP66 Weather Proof, IK10 Vandal Proof
- Cyber Security Protection

Camera

Image Device	Sony 1/2.8" Starvis™ 2 Megapixel image sensor
Effective Pixels	1920*1080pixels
Lens	MFZ Lens (2.8-12mm)
Lens Adjustment	Remote zoom and Focus
Min. Illumination	Color: 0.01 lux @F1.2(AGC on) B/W:0.005 lux @F1.2(AGC on)
Day&Night	TDN (Mechanical ICR), Support auto /manual/ schedule IR LED on/off
IR LED	High light LED, mechanical ICR

IP Module

Video Encoder	H.264+, H.264 (base line, main-profile, and hi-profile) and MJPEG simultaneously
Video Profile	4-streaming simultaneously
Frame Rate	2M Mode: 30fps 2M 60 fps Mode: 60fps
Region of Interest	Multi-area ROI

Exposure Control	Auto / Auto Indoor / Manual / Hold Exposure (1/5s~1/34,482s) DOL WDR 100dB
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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
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On Screen Display	Text, time and date overlay Editable and Multi-Language OSD
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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)
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Network

Supported Protocols	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, QoS, CoS, iSCSI, 802.1x
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Security	Password protection, IP address filtering, HTTPS encrypted AES128, AES256,802.1x, Gold capacitor
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Users	20 simultaneous unicast users
Ethernet	10Base-T/100Base-TX auto negotiation

System Integration

Application Programming Interface	<ul style="list-style-type: none"> ● Open API for software integration ● SDK
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Alarm Triggers	<ul style="list-style-type: none"> ● Person Detection ● Car Detection ● Face Detection ● Audio Detection ● SD Card Read/ Write Fail Detection ● Camera Tampering ● Digital Input (DI) ● Network Disconnect
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Motion Detection	10-zone video motion detection with included or excluded options
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Alarm Events	<ul style="list-style-type: none"> ● File upload via FTP or email ● File upload via Samba to NAS ● Notification via email, HTTP, and TCP ● External output
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General

Power Supply	DC 12V
PoE	IEEE 802.3af class 3

Connectors	<ul style="list-style-type: none"> ● RJ-45 10Base-T/100Base-TX ● 12VDC ● 1 alarm input and 1 output ● Audio In/ out, Video out ● External MIC input ● BNC Video out ● Factory default reset / One push focus ● Micro SD slot
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Indication LED	Green and orange LEDs
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Construction	IP66 weather proof
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Operating Temperature	-20°C to 50°C
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Operating Humidity	20% ~ 80% (non-condensing)
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Viewing System

OS	Windows® 7, 8, 10
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Browser	IE 9.0 or later, Mozilla Firefox, Google Chrome
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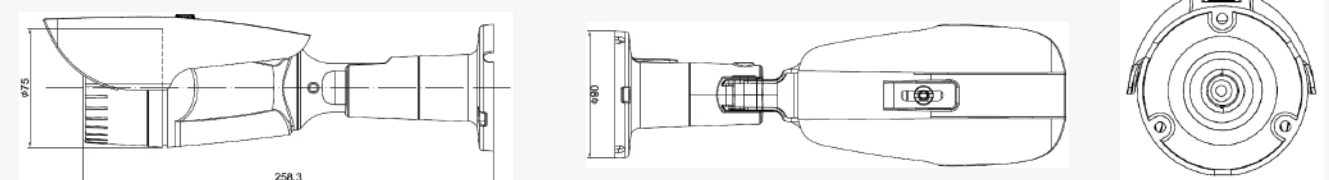
Video Player	VLC, Quick Time, Real Player, Core Player
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Software

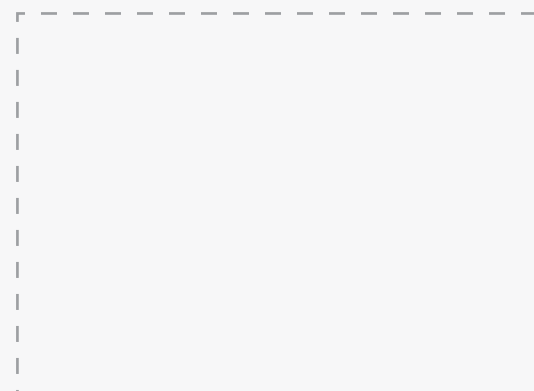
Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps, Afidus NVR64™

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

Dimensions



Distributed by :



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