



## 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
- Open Standard Protocol

### Camera

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

### IP Module

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

<b>Exposure Control</b>	Auto / Auto Indoor / Manual / Hold Exposure (1/5s~1/34,482s) DOL WDR 100dB
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<b>Image Setting</b>	<ul style="list-style-type: none"> <li>● AE, AWB</li> <li>● 3D Noise reduction</li> <li>● Color, brightness, sharpness, contrast, Hue</li> <li>● Image Mirror/Flip, 90° Rotation</li> <li>● Privacy Masks</li> <li>● DIS</li> <li>● Pixel Count</li> <li>● Anti-False Color</li> <li>● Defog</li> </ul>
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<b>On Screen Display</b>	Text, time and date overlay Editable and Multi-Language OSD
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<b>Streaming</b>	<ul style="list-style-type: none"> <li>● Simultaneously multi-streaming</li> <li>● Streaming over UDP, TCP, HTTP, or HTTPS</li> <li>● M-JPEG streaming over HTTP (server push)</li> <li>● Controllable frame rate and bandwidth</li> <li>● Constant and variable bit rate</li> <li>● ROI (Region of Interest)</li> <li>● AOI (Higher Quality in AOI area)</li> </ul>
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### Network

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

### System Integration

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

<b>Power Supply</b>	DC 12V
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<b>PoE</b>	IEEE 802.3af class 3
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<b>Connectors</b>	<ul style="list-style-type: none"> <li>● RJ-45 10Base-T/100Base-TX</li> <li>● 12VDC</li> <li>● 1 alarm input and 1 output</li> <li>● Audio In/ out, Video out</li> <li>● External MIC input</li> <li>● BNC Video out</li> <li>● Factory default reset / One push focus</li> <li>● Micro SD slot</li> </ul>
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<b>Indication LED</b>	Green and orange LEDs
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<b>Construction</b>	IP66 weather proof
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<b>Operating Temperature</b>	-20°C to 50°C
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<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
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### Viewing System

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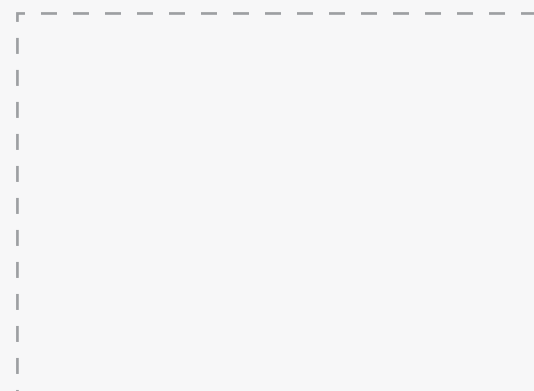
<b>Browser</b>	IE 9.0 or later, Mozilla Firefox, Google Chrome
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<b>Video Player</b>	VLC, Quick Time, Real Player, Core Player
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### Software

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

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

### Dimensions

