



2 Megapixel H.264+ Smart Focus Bullet IR Network Camera

RH-231Z2 Premium



- H.264+, H.264 high profile, main profile, baseline and MJPEG simultaneously
- 25 / 30 fps real time at all resolution
- Motorized Vari-focal Lens, remote zoom and focus
- True WDR & Digital WDR, Smart IR
- Camera tampering, motion detection
- Support various protocols: RTSP, UPnP, HTTPS, Samba, SNMP, QoS
- Event trigger action: Send to NAS/Samba/FTP/Email, voice alert, notify to HTTP/TCP servers
- Power over Ethernet: IEEE 802.3af Class3
- IP66 Weather Proof
- Cable Management design for easy installation

Camera

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| Image Device | Sony 1/2.8" Exmor™ 2 Megapixel image sensor |
| Effective Pixels | 1920 x 1080 |
| Lens | Motorized with P-iris Lens (2.8~12mm) |
| Lens Adjustment | Auto Focus, Remote Zoom and focus |
| Min. Illumination | Color: 0.01 lux @F1.2 (AGC on) B/W: 0.001 lux @F1.2 (AGC on) |
| Day & Night | TDN (Mechanical ICR), Support auto / manual / schedule IR LED on/off |
| IR LED | 22 pcs high light LED, Smart IR |

Video

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| Video Encoder | H.264+, H.264(base line, main-profile, and hi-profile) and MJPEG simultaneously |
| Video Profile | Multi-streaming simultaneously |
| Frame Rate | Up to 25 / 30fps at all resolutions |
| Region of Interest | Multi-area ROI |

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| Exposure Control | Auto / Hold Exposure / Manual BLC On/Off True WDR / Digital WDR |
| Image Setting | <ul style="list-style-type: none"> ● AWB ● 3D & 2D Noise reduction ● Color, brightness, sharpness, contrast, Hue ● Image Mirror/Flip ● Privacy Masks ● DIS ● Pixel Count ● Anti-False Color ● Defog |

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| On Screen Display | Text, time and date overlay Editable OSD |
| 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 ● AOI (Higher Quality in AOI area) |

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| Audio | |
| Audio Encoder | RTSP: G.711 64kbps, G.726 32kbps, AAC (option, by request) |
| Audio Streaming | One-way or two-way |
| Microphone | External microphone input |
| Audio Output | Adjustable audio output gain value |

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| Network | |
| 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, 802.1x, iSCSI |

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| Security | Password protection, IP address filtering, HTTPS encrypted data transmission, user access log |
| Users | 20 simultaneous unicast users |
| Ethernet | 10Base-T/100Base-TX auto negotiation |

System Integration

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| Application Programming Interface | <ul style="list-style-type: none"> ● Open API for software integration ● SDK |
| Alarm Triggers | <ul style="list-style-type: none"> ● Video motion detection ● Camera Tampering ● Audio Detection ● Digital input ● Network Disconnect |
| Motion Detection | 10-zone video motion detection with included or excluded options |
| 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 activation ● Audio alerting output ● Push notification to smart phone APP(Afidus) ● ICR On/Off |

General

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|------------------------------|---|
| Power Supply | DC 12V |
| PoE | IEEE 802.3af class 3 |
| Power Consumption | 10W with IR LED on (12VDC) |
| Connectors | <ul style="list-style-type: none"> ● RJ-45 10Base-T/100Base-TX ● 12VDC ● 1 alarm input and 1 output ● Audio out ● External MIC input ● BNC video out ● Factory default reset |
| Indication LED | Green and orange LEDs |
| Operating Temperature | -20°C to 50°C |
| Operating Humidity | 20% ~ 80% (non-condensing) |

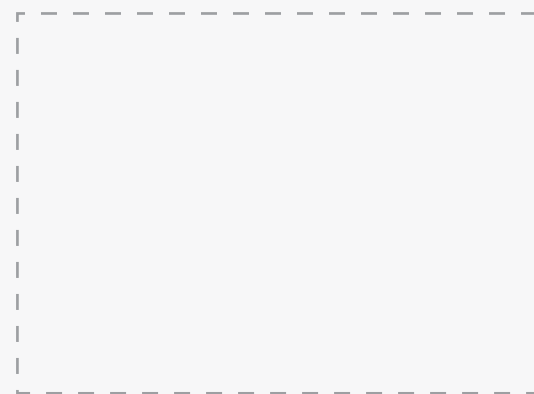
Viewing System

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| OS | Windows® 7, 8, 10 |
| Browser | IE 9.0 or later, Mozilla Firefox, Chrome, Safari |
| Smart phone | Android™, iPhone™ |
| Video Player | VLC, Quick Time, Real Player, Core Player |

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

