



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

RH-531Z3 Premium



- H.264+, H.264 high profile, main profile, baseline and MJPEG simultaneously
- 5Megapixel at 25 / 30fps real time, 1080P at 50 / 60fps
- Motorized Vari-focal Lens, remote zoom and focus
- Enhanced WDR, DIS (Digital Image Stabilization)
- 22 pcs high light LED, Smart IR
- Built-in 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
- Open Standard Protocol

Camera

Image Device	Sony Exmor™ 1/1.8" COMS Sensor
Effective Pixels	2592x1944pixels
Lens	3.6~10mm remote motorized zoom Lens
Focus	Auto Focus
IRIS type	P-iris
ICR type	Mechanical
IR LED	22 pcs high light LED, Smart IR

IP Module

Video

Video Encoder	H.264+, H.264 (base line, main-profile, and hi-profile) and MJPEG simultaneously
Video Profile	4 streams simultaneously for 5M mode 4 streams simultaneously for 1080p mode
Frame Rate	Up to 25 / 30fps in all resolutions for 5MP mode Up to 50/ 60fps in all resolution for 1080p mode
Exposure Control	Auto / Auto Indoor / Manual Exposure (Manual mode : 1/2~1/10,000 seconds) BLC On/Off Enhanced WDR

Image Setting

- AE, AWB
- 3D Noise reduction
- Color, brightness, sharpness, contrast, Hue
- Image Mirror/Flip, 90o rotation
- Privacy Masks
- DIS
- Pixel Count
- Anti-False Color
- Defog

On Screen Display

Text, time and date overlay
Editable OSD (bitmap format)

Streaming

- 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)

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

Network

Supported Protocols

IPv6, IPv4, 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,802.1, iscc1

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

Application Programming Interface

- Open API for software integration
- SDK

Event Detection

- Audio detection,
- 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

Alarm Events

General

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/1000Base-T ● 12VDC power jack ● 1 alarm input and 1 output ● Audio out ● External MIC input ● Factory default reset

Indication LED

Green and orange LEDs

Construction

IP66 weather proof

Operating Temperature

-20°C to 50°C (-4°F to 104°F)

Operating Humidity

20% ~ 80% (non-condensing)

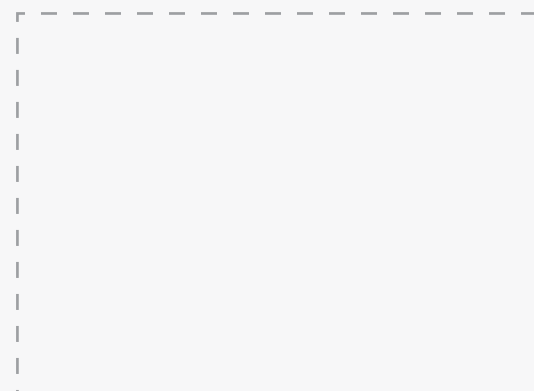
Viewing System

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

Software

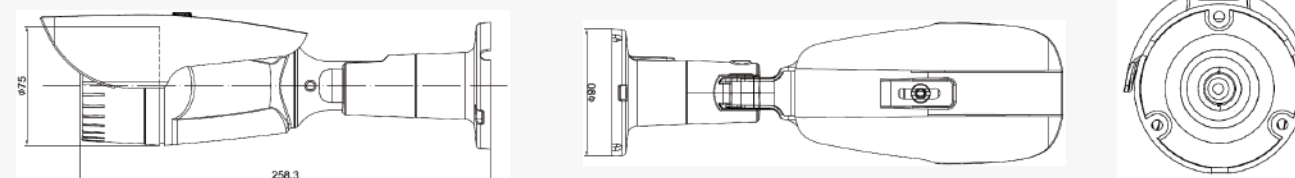
Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps, Afidus NVR64™

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

Dimensions



Company Name : Afidus Ltd.

Company Address : 7F-4, No. 186, Jian 1st Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C)

Company Website : www.afidus.com

TEL : +886-2-8226-9857 FAX : +886-2-8226-9800