



5 Megapixel H.264+ Smart Focus IR IP Vandal Dome

VH-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
- True WDR, DIS (Digital Image Stabilization)
- Built-in camera tampering, audio 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
- ONVIF compliant
- IP66, IK10

Camera

Image Device	Sony Exmor™ 1/1.8" CMOS Sensor
Effective Pixels	2592x1944 pixels
Lens	Motorized with P-iris Lens (3.6~10mm)
Min. Illumination	<ul style="list-style-type: none"> ● Color: 0.02 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	12 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 profiles simultaneously @ 5M pixels mode 4 profiles simultaneously @ 1080p mode
Frame Rate	<ul style="list-style-type: none"> ● Up to 25fps / 30fps in all resolutions for 5MP mode ● Up to 50/ 60fps in all resolution for 1080p mode
Region of Interest	Max. 4 ROI @ 5M pixels mode. Editable range Max. 4 ROI @ 1080p mode. Editable range

Exposure Control

Exposure Control	Auto / Auto Indoor / Manual Exposure (Manual mode : 1/2~1/10,000 seconds) BLC On/Off Enhanced WDR
Image Setting	<ul style="list-style-type: none"> ● cAE, AWB ● 3D Noise reduction ● Color, brightness, sharpness, contrast, Hue ● Image Mirror/Flip, 90° rotation ● Privacy Masks ● DIS / Pixel Count ● Anti-False Color / Defog ● Overlay, Defog

Streaming

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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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

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

Application Programming Interface	<ul style="list-style-type: none"> ● ONVIF compatible ● Open API for software integration ● SDK
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Alarm Triggers	<ul style="list-style-type: none"> ● Video motion detection ● Camera Tampering ● Audio Detection ● Digital input ● 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, SD card ● 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
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General

Power Supply	DC12V
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Connectors	<ul style="list-style-type: none"> ● RJ-45 10Base-T/100Base-TX ● 12VDC (terminal block) ● 1 alarm input and 1 output (terminal block) ● Audio out (terminal block) ● External MIC input (terminal block) ● Micro SD slot ● On-Board factory default reset button/ One push focus
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Indication LED	Green and orange LEDs
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Operating Temperature	-10°C to 40°C
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Operating Humidity	20% ~ 80% (non-condensing)
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Viewing System

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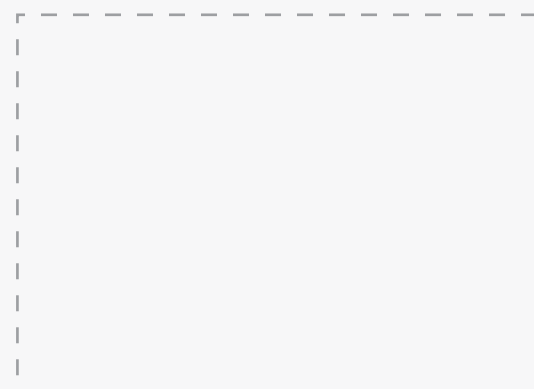
Smart phone	Android™, iPhone™
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Video Player	VLC, Quick Time, Real Player, Core Player
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Software

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.

