



2 Megapixel H.264+ Indoor IR Network Camera

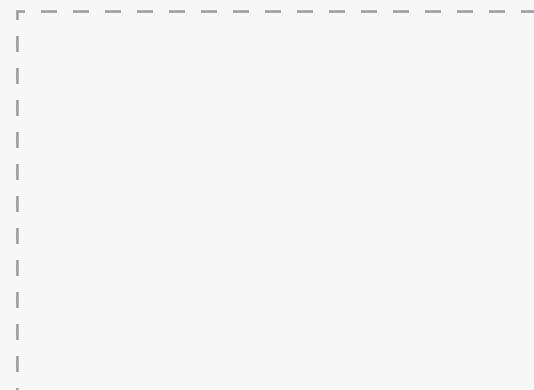
DH-231Z2 Premium



- 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, local mSD card
- Power over Ethernet: IEEE 802.3af Class3
- Open Standard Protocol

Camera		Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
Image Device	Sony 1/2.8" Exmor™ 2 Megapixel image sensor	Users	20 simultaneous unicast users
Effective Pixels	1920 x 1080	Ethernet	10Base-T/100Base-TX auto negotiation
Lens	Motorized with P-iris Lens (2.8~12mm)	System Integration	
Lens Adjustment	Auto Focus, remote zoom and focus	Application Programming Interface	<ul style="list-style-type: none"> ● Open API for software integration ● SDK
IR LED	12 pcs high light LED, Smart IR	Event Detection	<ul style="list-style-type: none"> ● Video motion detection ● Camera Tampering ● Audio Detection ● Digital input ● Network Disconnect
Min illuminator	Color: 0.01 lux@F1.2(AGC on) B/W: 0.001 lux@F1.2(AGC on)	Cross Line	User defined two cross line , and user defined entrance direction
Day & Night	TDN (Mechanical ICR), Support auto / manual / schedule IR LED on/off	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 ● File save to local mSD card
Video		Video Buffer	Pre- and post- alarm buffering
Video Encoder	H.264+, H.264 (base line, main-profile, and hi-profile) and MJPEG simultaneously	General	
Video Profile	Multi-streaming simultaneously	Power Supply	DC 12V
Frame Rate	Up to 25 / 30fps at all resolutions	PoE	IEEE 802.3af class 3
Exposure Control	Auto / Hold Exposure / Manual BLC On/Off True WDR / Digital WDR	Power Consumption	10W with IR LED on (12V DC)
Image Setting	<ul style="list-style-type: none"> ● AWB ● 3D & 2D Noise reduction ● Color, brightness, sharpness, contrast, Hue ● Image Mirror/Flip, 90° Rotation ● Privacy Masks ● DIS ● Pixel Count ● Anti-False Color ● Defog 	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
On Screen Display	Text, time and date overlay Editable OSD	Indication LED	Green and orange LEDs
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) 	Operating Temperature	-20°C to 50°C
Audio		Operating Humidity	20% ~ 80% (non-condensing)
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps, AAC (option, by request)	Viewing System	
Audio Streaming	One-way or two-way	OS	Windows® 7, 8, 10
Microphone	External microphone input	Browser	IE 9.0 or later, Mozilla Firefox, Chrome, Safari
Audio Output	Adjustable audio output gain value	Video Player	VLC, Quick Time, Real Player, Core Player
Network		Software	
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	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

