

## Model: AH5023T-Z8

### H.264+ 3Mega Ultra Mini IR IP Dome



#### Key Features:

- H.264+, H.264 high profile, main profile, baseline and MJPEG simultaneously
- Up to 25 / 30 fps real time at all resolution
- f 2.8~8mm, Extreme WDR
- Built IR LED and ICR
- Built-in camera tampering, motion detection, audio detection, network failure
- 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, save to mSD card
- Power over Ethernet: IEEE 802.3af Class3
- ONVIF compliant
- IP66 and IK10 Weather Proof

<b>AH5023T-Z8</b>	
<b>Image Device</b>	1/2.8", 3 Mega-pixel Sony Starvis™ image sensor
<b>Video Resolution</b>	2048 x 1536 pixels
<b>Lens</b>	f 2.8~8mm
<b>IRIS</b>	Fixed Iris
<b>IR LED</b>	Yes
<b>Angle Adjustment</b>	Lens cradle : Pan: -120°~120°, Tilt: 30°~90°
<b>ICR</b>	Yes. Auto/ Schedule/ Manual mode/ DI trigger
<b>Video</b>	
<b>Video Encoder</b>	H.264+, H.264 (base line, main-profile, and hi-profile) and MJPEG simultaneously
<b>Video Profile</b>	Multi-streaming simultaneously
<b>Frame Rate</b>	Up to 25 / 30fps at all resolutions

<b>Region of Interest</b>	Multi-area ROI
<b>Exposure Control</b>	Auto / Auto Indoor / Manual Exposure BLC On/Off Enhanced WDR
<b>Image Setting</b>	AE, AWB 3D Noise reduction Color, brightness, sharpness, contrast, Hue Image Mirror/Flip, 90° Rotation Privacy Masks DIS Pixel Count Anti-False Color Defog
<b>On Screen Display</b>	Text, time and date overlay Editable OSD
<b>Streaming</b>	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
<b>Audio</b>	
<b>Audio Encoder</b>	RTSP: G.711 64kbps, G.726 32kbps
<b>Microphone</b>	External microphone input
<b>Audio Output</b>	Line out
<b>Network</b>	
<b>Supported Protocols</b>	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
<b>Security</b>	802.1x and gold capacitor IP filter HTTPS
<b>Users</b>	20 simultaneous unicast users
<b>Ethernet</b>	10Base-T/100Base-TX auto negotiation
<b>System Integration</b>	
<b>Application Programming Interface</b>	ONVIF compatible Open API for software integration SDK

<b>Alarm Triggers</b>	Video motion detection Camera Tampering Audio Detection Network Disconnect
<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>● Audio alert</li> <li>● mSD card local storage</li> <li>● Push notify to smart phone apps</li> <li>● ICR On/Off</li> </ul>
<b>General</b>	
<b>Power Supply</b>	12V DC Power over Ethernet (PoE)
<b>Connector</b>	RJ-45 10Base-T/100Base (PoE) 12V DC terminal block External MIC in Audio out mSD card Reset button
<b>Operating Temperature</b>	-10°C to 50°C
<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
<b>Dimension</b>	Height: 63.5 mm Diameter: 99 mm
<b>Casing</b>	IP66 weather proof IK10 vandal proof
<b>System Requirement</b>	
<b>OS</b>	Windows® 7, 8,10
<b>Browser</b>	IE 9.0 or later, Firefox or later, Safari , Google Chrome

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