

## Model: AH65C3XD-AI

## Description: AI IP Cam

## H.264+ 4Kx3K 12MP Smart Focus Outdoor IR IP Camera



### Key Features

- H.264+, H.264 high profile, main profile, baseline and MJPEG simultaneously
- Motorized remote zoom and focus lens
- Smart IE LED control, mechanical ICR
- Power over Ethernet: IEEE 802.3af Class3
- Cyber security protection
- IP66 weather proof, IK10 vandal proof
- AI in edge

Camera	
Image Device	Sony Starvis sensor, 1/1.7"
Effective Pixels	12MP , 4000*3000
Lens	f= 3.6-11mm, F=1.5. P-iris lens
Lens Adjustment	Auto focus, Lock focus, Remote zoom and focus
Min. Illumination	Color: 0.02 lux @F1.2 B/W: 0.005 lux @F1.2
Day & Night	TDN (Mechanical ICR), Support auto / manual / schedule IR LED on/off
IR LED	High light LED. More than 30meter IR distance Smart IR control
Video	
Video Encoder	H.264+, H.264 (base line, main-profile, and hi-profile) and MJPEG simultaneously
Video Profile	Multi-streaming simultaneously

Frame Rate	12MP mode: Up to 22fps in all resolutions 8MP mode: Up to 30fps in all resolutions
Region of Interest	Multi-area ROI
Exposure Control	Auto / Auto Indoor / Manual Exposure (1/30s~1/27,000s) DOL WDR
Image Setting	AE, AWB 3D Noise reduction Color, brightness, sharpness, contrast, Hue Image Mirror/Flip, 90° Rotation Privacy Masks DIS Pixel Count Anti-False Color Defog
On Screen Display	Text, time and date overlay Multi-language OSD
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 (Region of interest ) AOI (Higher Quality in AOI area)
<b>Network</b>	
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, iSCSI , 802.1x
Security	Golden capacity, 802.1x protocol, IP address filtering, HTTPS encrypted data transmission
Users	<a href="#">20 simultaneous unicast users ( Depends on final full system capability )</a>
Ethernet	<a href="#">10Base-T/100Base-TX/Gigabit LAN auto negotiation</a>
<b>System Integration</b>	
Application Programming Interface	ONVIF compatible Open API for software integration
Alarm Triggers	<a href="#">Person detection</a> <a href="#">Face detection</a> <a href="#">Car detection</a> <a href="#">Video motion detection</a> <a href="#">Cross Line Detection</a> <a href="#">Restricted area</a> <a href="#">Camera Tampering</a> Digital input (DI) Network Disconnect
Motion Detection	10-zone video motion detection with included or excluded options
Alarm Events	File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) File save to local mSD card Push notify to A-MTK smart phone apps
<b>General</b>	
PoE	IEEE 802.3af class 3
On-board Connectors	RJ-45 10Base-T/100Base-TX / Gigabit Lan 1 alarm input and 1 output (terminal block)



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	Micro SD slot. Support SDXC up to 128GB capacity Factory default reset button
Indication LED	Green and orange LEDs
Operating Temperature	-20°C to 50°C
Operating Humidity	20% ~ 80% (non-condensing)
Construction	IP66 weather proof IK10 vandal proof
Certification	CE, FCC, RoHS
<b>Viewing System</b>	
OS	Windows® 7, 8, 10
Browser	IE 9.0 or later, Mozilla Firefox, Chrome, Safari
Mobile Phone APPS	Android version and iOS version. OEM available