



# 4MP Vandal Dome IP Camera

4MP, 2.7-13.5mm 5X Zoom, 20M IR  
IP66, IP68, IK10

## HLZ-1WKQ(5X)

- 4 Megapixel IR Vandal Dome IP Camera
- H.264+ / H.264 / M-JPEG Compression
- Smart Stream
- ROI Function / 2-way Audio
- Smart Focus System for Remote Focus Adjustment
- Digital Noise Reduction
- Power over Ethernet
- Digital Wide Dynamic Range
- Day & Night Manual Switch Time Control
- IR LED Built-in 20M
- IR Cut Filter Mechanism
- Micro SD Card Backup (Optional)
- IP66, IP68, IK10
- Support iPhone / Mac / Android
- SDK for Software Integration
- Free Bundle 36 Ch Recording Software



### Specification

Hardware	
CPU	Multimedia SoC
RAM	512MB
Flash	32MB
Image Sensor	1/3" Megapixel CMOS Sensor
Sensitivity	Color: 0.08 Lux(AGC ON), B/W: 0.03 Lux(AGC ON)
Lens	2.7-13.5mm 5X Bulid-in Zoom Lens@ F1.4
View Angle	31.05°~ 104.7° (H), 17.61°~ 56.6° (V)
Rotary axis angle	Pan: 355°, Tilt: 65°, Rotation: 180°
ICR	IR cut Filter Mechanism
I/O	1 DI / 1 DO
Video Output	Yes
Power over Ethernet	Yes
Audio	G.711(64K) and G.726(32K, 24K) audio compression Input: Ø3.5mm phone jack Output: Ø3.5mm phone jack, Support 2-way.
Power Consumption	DC 12V Max: 5.0W, PoE Max: 7.0W
Wide Dynamic Range	90dB
S/N Ratio	50dB
Casing	IP66, IP68, IK10
Operating Temperature	IR ON: 50°C, IR OFF: -20°C~60°C / -4°F~140°F
Dimensions	Ø137 x H102 (mm)
Weight	988g
IR LEDs	
LEDs	4 x High Power LEDs, 850nm
IR Distance	20M
Micro SD Card Management (Optional)	
Recording Trigger	Motion Detection, Tempering Detection, IP check, Network break down (wire only), Schedule, DI
Video Format	AVI, JPEG
Video Playback	Yes
Delete Files	Yes

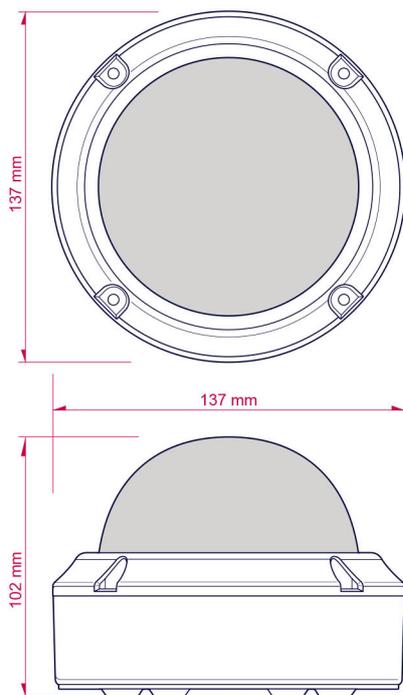
System	
Video Resolution [16:9]	2592x1520@25fps, 1920x1080@30fps, 1280x720@30fps, 640x360@30fps
Video Adjust	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Night Mode, D-WDR, DNR, Flip, Mirror, Noise Reduction, Day & Night Adjustable
Features	ROI, Smart Stream, Motion Detection, Privacy Mask, Anti Fog, Tampering Detection, Corridor Mode, Push Video, P2P (Optional)
Shutter time	Indoor, Outdoor, 1/1 ~ 1/10000
Quadruple Streaming	Yes
Image Snapshot	Yes
Full Screen Monitoring	Yes
Privacy Mask	Yes, 3 different areas
Compression Format	H.264+ / H.264 / M-JPEG
Video Bitrates Adjust	CBR, VBR
Motion Detection	Yes, 3 different areas
Triggered Action	Mail, FTP, Save to SD card, DO, Samba, Google Drive, Dropbox
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection, QoS/DSCP
Firmware Upgrade	HTTP mode, can be upgraded remotely
Simultaneous Connection	Up to 10
Network	
Ethernet	10/ 100 Base-T
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, SSL, TLS, DNS, ICMP, IGMP, ARP, SNTp, QoS/DSCP, CoS, IEEE 802.1X, RTSP/RTP/RTCP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, SAMBA, Bonjour, Google drive, Drop box, Onvif profile S

## Specification

Heater (Optional)	
Operating Temperature	Working Temperature: -30°C~50°C / -22°F ~ 122°F Starting Temperature: -20°C~50°C / -4°F ~ 122°F
Power Consumption	DC 12V Max: 8.5W, PoE Max: 10W
Remote Browsing Requirement	
OS	Windows 10, Microsoft IE 11.0 or above
Hardware Suggested	Intel Dual Core 2.8G, RAM: 4GB, Graphic card: 128MB
Mobile Support	iOS 8 or above, Android 4.4.2 or above

◆ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

## Dimensions



## Accessories

Product	L-shape Bracket
Model	aHTB-F01000010, aHTB-F01000011
Material	Aluminum Alloy
Dimensions	140 x 215 x 106 mm
Photo	

Product	Pole Mount Adapter
Model	aHTB-F01000002
Material	Aluminum Alloy, SPCC FEVE
Dimensions	156 x 150 x 63 mm
Suitable for Pole Diameter	102 - 152mm (4-6 inch)
Photo	

Product	Ø3.5mm Stereo Jack Microphone
Model	HTA-420
Sensitivity	-38dB
Power	DC 12V
Frequency Range	50 -10000Hz
Working Range	5M
S/R ratio	58dB
Impedance	Max 2.2K
Connector	3.5mm female jack
Photo	

