



# 4MP Bullet IP Camera

4MP, 2.8-12mm, 30M IR

IP66, IP68, IK10

## HLC-7BKQ

- 4 Megapixel IR Bullet IP Camera
- H.264+ / H.264 / M-JPEG Compression
- Smart Stream / ROI Function
- External Vari-focal Lens Adjustment
- Digital Noise Reduction
- Power over Ethernet
- Digital Wide Dynamic Range
- Day & Night Manual Switch Time Control
- IR LED Built-in 30M
- IR Cut Filter Mechanism
- Micro SD Card Backup (Optional)
- 2-way Audio / Cable Management
- IP66, IP68, IK10
- Support iPhone/Android/Mac
- 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 Type             | Vari-focal Lens 2.8-12 mm @ F1.4   |
| View Angle            | 32° ~ 94°(H), 19° ~ 53°(V)   |
| ICR                   | IR cut Filter Mechanism  |
| I/O                   | 1 DI / 1 DO  |
| Power over Ethernet   | Yes  |
| Video Output          | Yes  |
| Audio                 | G.711(64K) and G.726(32K, 24K) audio compression<br>Input: Ø3.5mm phone jack<br>Output: Ø3.5mm phone jack, Support 2-way.  |
| Power Consumption     | DC 12V Max: 6.0W, PoE Max: 7.7W  |
| Wide Dynamic Range    | 90dB   |
| S/N Ratio             | 50dB   |
| Operating Temperature | IR ON: 50°C, IR OFF: -20°C~60°C / -4°F~140°F   |
| Dimensions            | Ø77.4 x H122.5 (mm)  |
| Weight                | 720g   |
| IR LEDs               |  |
| LEDs                  | 5 x High Power LEDs, 850nm   |
| IR Distance           | 30M  |
| 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, RTPSP/RTP/RTCP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, SAMBA, Bonjour, Google drive, Drop box, Onvif profile S |

| System                     |   |
|----------------------------|---|
| Video Resolution [16:9]    | 2592x1520@25fps, 1920x1080@30fps, 1280x720@30fps, 640x360@30fps   |
| Video Adjust               | Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Night Mode, WDR, Flip, Mirror, Noise Reduction, Day & Night Adjustable, LDC              |
| Features                   | ROI, Smart Stream, Motion Detection, Privacy Mask, Anti Fog, Tampering Detection, Corridor Mode, Push Video, P2P(Optional)                      |
| 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  |
| <b>Heater (Optional)</b>   |   |
| Operating Temperature      | Starting/ Working Temperature: -40°C ~ 50°C / -40°F ~ 122°F   |
| Power Consumption          | DC 12V Max: 11W, PoE Max: 12.7W   |
| <b>Wireless (Optional)</b> |   |
| Wireless                   | 802.11b / g / n   |
| Security                   | WEP, WPA-PSK, WPA2-PSK  |
| Power Consumption          | DC 12V Max: 7.0W  |

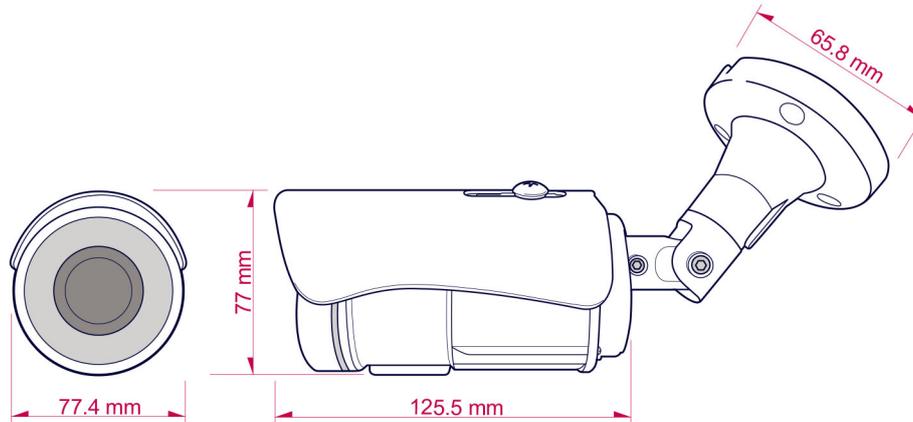
## Specification

| Micro SD Card Management (Optional) |  |
|-------------------------------------|--|
| Recording Trigger                   | Motion Detection, IP check, Network break down (wire only), Schedule, DI |
| Video Format                        | AVI, JPEG  |
| Video Playback                      | Yes  |
| Delete Files                        | Yes  |

| 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 4.0.4 or above              |

◆ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

## Dimensions



## Accessories

|                            |   |   |
|----------------------------|---|---|
| Product                    | Pole Mount Adapter  | Junction Box  |
| Model                      | aHTB-F01000001  | aHTB-E01  |
| Material                   | Aluminum Alloy, SPCC FEVE   | SUS 316L  |
| Dimensions                 | 156 x 150 x 63 mm   | Ø137x H58.7 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           |  |

