



# Traffic Box IP Camera

2MP, CS Mount, 60FPS  
T-WDR, DIS, LPR, -20°C~70°C

## HLC-81KDS

- 2 Megapixel Box IP Camera
- H.264+/ H.264/ M-JPEG Compression
- 1080P@60fps / Starvis Sensor
- Bandwidth Savings up to 50%
- Advanced Smart Stream
- Support DC IRIS / Support DIS
- ROI Function / Video Output
- Digital Noise Reduction
- Power over Ethernet / Quadruple Streaming
- True Wide Dynamic Range
- Day & Night Switch Time Control Manually
- IR Cut Filter Mechanism
- SD Card Backup(Optional)
- Support iPhone/ iPad/ Android
- SDK for Software Integration
- Free Bundle 36 ch Recording Software



### Specification

Hardware	
CPU	Multimedia SoC
RAM	256 MB
Flash	128 MB
Image Sensor	1/2.8" Sony Exmor-R CMOS Sensor
Lens	Yes, CS Mount (suggest 5-50mm)
Sensitivity	Color: 0.005 Lux(AGC ON), B/W: 0.001 Lux(AGC ON)
Support DC IRIS	Yes
ICR	Mechanism IR cut Filter
I/O	2 DI / 2 DO
Video Output	Yes
RS-485	Yes
Audio	G.711(64K) and G.726 (32K, 24K) audio compression Input: Microphone Built-in & Ø3.5 stereo jack (auto switch) Output: Ø3.5mm phone jack, Support 2-way
Power over Ethernet	Yes
Power Consumption	DC 12V: 4.0W, PoE Max: 4.6W
Wide Dynamic Range	120 dB
Signal Noise Ratio	65 dB
Operating Temperature	-20°C~70°C / -4°F~158°F
Dimensions	W65 x H58 x L132 (mm) (without lens)
Weight	450g (without lens)
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

System	
Video Resolution	1920x1080@30fps, 1280x720@30fps, 640x360@30fps
Video Adjust	Brightness, Contrast, Hue, Saturation, Sharpness, Automatic Gain Control, Mode Selector, T-WDR, Night Mode, Flip, Mirror, Noise Reduction, Shutter Time, Day & Night Adjustable, Automatic exposure compensation, Back Light Control, Dynamic Isolation Systems, Lens Distortion Correction, White Balance
Features	Region of Interest, Smart Stream, Advanced 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, Sanba, Dropbox, Google Drive
Pre/ Post Alarm	Yes, Configurable
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
Wireless (Optional)	
Wireless	802.11b/ g/ n
Security	WEP, WPA-PSK, WPA2-PSK

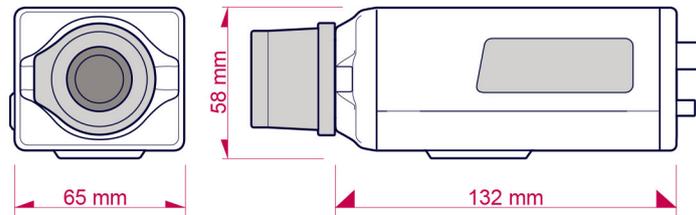
## Specification

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
Mobile Support	iOS 8 or above, Android 4.4.2 or above
Hardware Suggested	Intel Dual Core 2.8G, RAM: 4GB, Graphic Card: 128MB

◆ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

## Dimensions



## Accessories

Product	2.8-12mm F2.0, DC-Iris	3-10.5mm F1.4, DC-Iris
		

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	

