



AI Thermal Box IP Camera

HLC-8HRDT

- AI Thermal IP Camera
- Face/ Mask Detection
- Temperature tag
- Support Access Control System
- High temperature/ No mask alarm
- Recommended distance 70~100cm
- Temperature Accuracy: $\pm 0.3^{\circ}\text{C}$
- Detection Temperature range: $10^{\circ}\text{C}\sim 35^{\circ}\text{C}$ / $50^{\circ}\text{F}\sim 95^{\circ}\text{F}$
- Working Temperature: $-20^{\circ}\text{C}\sim 50^{\circ}\text{C}$ / $-4^{\circ}\text{F}\sim 158^{\circ}\text{F}$
- Support HDMI video-out
- Wi-Fi (AP mode)/ Mic/ Speaker & Buzzer Built-in
- Support Micro SD Card
- Support IOS/ Android APP



Specification

Thermal Hardware	
Detector Type	Infrared thermal sensor (Japan Made)
Effective pixels	80x32
Pixel size	25um
NETD	100mk
Focal length	Fixed Lens 3.5mm
Spectral range	8~14um
FOV	78°(H), 29°(V)
Focus mode	Fixed focus
Recognition distance	70~100cm
Detection Temperature range	$10^{\circ}\text{C}\sim 35^{\circ}\text{C}$ / $50^{\circ}\text{F}\sim 95^{\circ}\text{F}$
Temperature Accuracy	$\pm 0.3^{\circ}\text{C}$
IP Camera Hardware	
CPU	Multimedia SoC
RAM	1GB
Flash	256MB
Image Sensor	Sony Starvis sensor/ Diode Infrared sensor
Sensitivity	Color: 0.005Lux (AGC ON) B/W: 0.001Lux (AGC ON)
Lens Type	Fixed Lens 3.6mm@F2.0
View Angle	RGB: 87°(H), 46°(V)
GPIO	DI/DO x1, Wiegand x1, RS-485 x1
Video Output	HDMI x1
Audio Format	G.711(64K) and G.726(32K, 24K) audio compression
Audio	Input: Mic built-in, Output: 3.5mm phone jack, Speaker built-in, Support 2-way audio
Power over Ethernet	Yes
Power Consumption	DC 12V Max: 5.2W, PoE Max: 6.0W
Wide Dynamic Range	120dB
S/N Ratio	65dB
Dimensions	W65 x H65 x D140.2 (mm)
Weight	230g
Operating Temperature	$-20^{\circ}\text{C}\sim 50^{\circ}\text{C}$ / $-4^{\circ}\text{F}\sim 122^{\circ}\text{F}$

System	
Video Resolution[16:9]	1920x1080@30fps, 1280x720@30fps, 640x480@30fps, 320x240@30fps
Video Adjust	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Time, Sense-up, True-WDR, Lens Distortion Correction, Flip, Mirror, Day&Night adjustable, Red Gain and Blue Gain, Denoise
Features	ROI, Smart Stream, Advanced Smart Stream, Motion Detection, Privacy Mask, Tampering Detection, Corridor Mode, Push Video, P2P(Optional)
Triple 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
Intelligence Functions	Face/ Mask Detection, Temperature tag
Triggered Action	Mail, FTP, Save to SD card, DO, SAMBA, Dropbox, Google Drive
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection, QoS/D-SCP
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/RTMP/RTCP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, SAMBA, Bonjour, Google drive, Drop box, Onvif profile S

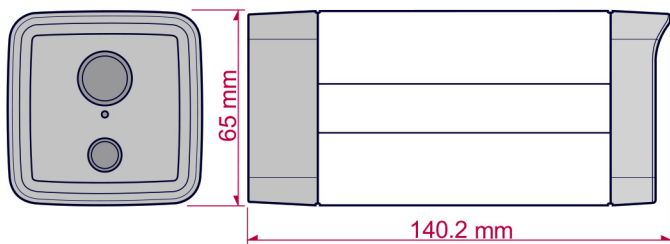
Specification

Wireless	
Wireless	802.11b/g/n
WPS	Yes
Security	WEP, WPA-PSK, WPA2-PSK
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

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

◆ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Dimensions



Set



Accessories

Product	Sound and Light Alarm
Model	HKZ-ALM-12V
Spec.	110db/ 30cm, rated
Current	300mA



Product	Li-ion Battery
Model	HKD-YSN-12018800
Power	DC12V/ USB 5V output with charger
Capacity	18800mAh



Product	LCD Screen
Model	HKD-PC-101H
Spec.	10.1 inch/ HDMI input/ DV12V input/ built-in speaker



Product	Tripod
Model	HKB-WT-3560
Material	aluminum alloy +ABS/ black
Size	660mm (pack)/ H1675mm (extended)