

KEY FEATURES

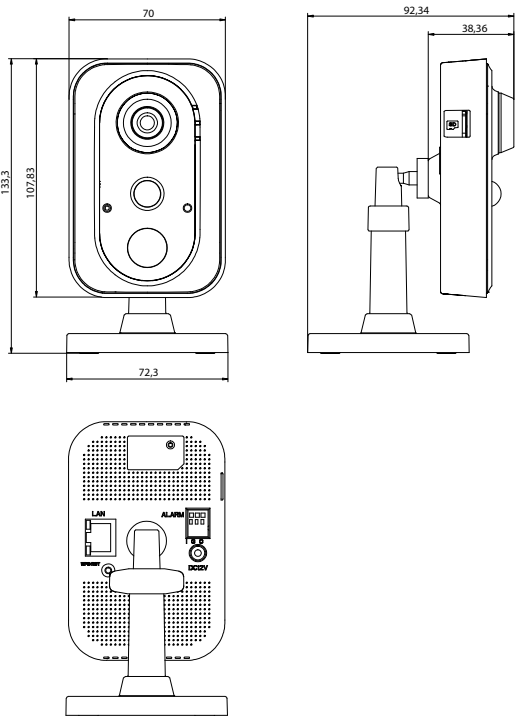
- Up to 3 megapixel (2048 X 1536 @ 20 fps) resolution
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- IR range approx. 10 meters
- Two-way audio, Built-in microphone and speaker
- Support Wi-Fi, support WPS configuration with one touch
- ICR, PoE, 3D DNR, Dual Stream, BLC, dWDR
- Mirror, reset button
- Integrated mount for easy installation



SPECIFICATION	ICH-32
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.07Lux @(F1.2,AGC ON) ,0 Lux with IR
Shutter speed	1/25 s to 1/100,000 s
Lens	4mm@ F2.0, Angle of view: 79° (2.8mm, 6mm optional)
Lens Mount	M12
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D Digital Noise Reduction
WDR	Digital WDR
Compression Standard	
Video Compression	H.264/MJPEG
H.264 encoding level	Main profile
Video Bit Rate	32 Kbps - 16 Mbps
Audio Compression	G.711/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	2048 × 1536
Frame Rate	50Hz: 20fps (2048 × 1536), 25fps (1920 × 1080), 25fps (1280 × 720) 60Hz: 20fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)
Image Settings	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
ROI	Yes, up to 4 configurable areas
Network	
Network Storage	Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB. NAS
Alarm Trigger	Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTSP,RTSP,RTCP,PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour(SIP optional)
Security	User Authentication, Watermark, IP address filtering, anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
General function	Flash-prevention, dual stream, heartbeat, mirror, password protection, video cover, watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port
Alarm input	1
Alarm output	1
Wi-Fi Specification (Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m(depend on environment)
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
General	
Operating Conditions	-30 °C - 60 °C, Humidity 90% or less (non-condensing)
Power Supply	DC12V±10% / PoE
Power Consumption	5 W MAX
PIR	Angle: 80° Range: 10m
Dimensions	66×91.5×131.3(2.60"×3.60" ×5.17")
Weight	400g(0.88lbs)



DIMENSIONS (mm)



UNIT:mm