

		Key features
		<ul style="list-style-type: none"> ★ 4MP IR mini Dome Network Camera ★ 2.8mm@F1.6 lens brings everything back to life ★ Efficient H.265+ compression technology ★ Focus on human and vehicle targets classification based on deep learning ★ Smart Dual-Light: advanced technology with long range ★ Clear day and night vision with 3D DNR and 120DB WDR ★ Built-in microphone for real-time audio security ★ Support on-board storage up to 256 GB (SD card slot) ★ Water and dust resistant (IP67) and vandal resistant (IK08) ★ Support PoE & DC12V
Model Number		I81HQ
IP Camera		
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Max resolution	4MP(2688 × 1520)
	Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
	Substream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
	Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
	Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings
	Video Bitrate	32 Kbps to 8 Mbps
	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
	Audio Input	Built-in Microphone, record with audio
	Lens	2.8 mm
	Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
	Angle of View	Horizontal FOV 104.3°, vertical FOV 55.9°, diagonal FOV 123.8°
	Supplement Light Type	IR
	Supplement Light Range	IR: up to 30 m
	Basic Event	Motion detection (human and vehicle targets classification)
	Smart Event	Line crossing detection, intrusion detection, face detection
	Image Enhancement	BLC, HLC, 3D DNR
	Wide Dynamic Range	120 dB WDR
	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, WebSocket, WebSockets
	API	Open Network Video Interface Version 18.12
	Region of Interest (ROI)	1 fixed region for main stream
	Privacy Mask	4 programmable polygon privacy masks
	General Function	Anti-flicker, heartbeat, password reset via email, pixel counter, remote access
General	Housing	Base: aluminum, cover: plastic
	Color	White
	Ethernet	1 RJ45 10 M/100 M self-adaptive Ethernet port
	Storage	Built-in microSD slot up to 512 GB & NAS
	Hardware Reset	Yes
	Audio interface	1 input (line in) & 1 output (line out), two-core terminal block
	Alarm interface	1 input, 1 output (max. 12 VDC, 20 mA)
	Operating Power	DC 12 V± 25%, max. 5.5 W; PoE (802.3af), max. 6.5 W
	Operating Temperature	-22 °F – 140 °F/-30 °C – 60 °C
	Indoor/Outdoor Use	Indoor/Outdoor
	Interface Protection	IP67, IK8
	Dimension (L X W X H)	Ø110 mm × 57.4 mm (Ø 4.3" × 2.3")
	Weight	Approx. 380 g (0.8 lb.)
	Packaging Contents	
Camera		1
1m Ethernet Cable		1
Mounting Screw Bag		1
User Manual for Camera		1