

		Key features
 		★ High quality imaging with 4 MP resolution ★ Excellent low-light performance with powered-by-DarkFighter technology ★ Efficient H.265+ compression technology ★ Clear imaging against strong back light due to 120 dB true WDR technology ★ Motorized varifocal lens for easy installation ★ License Plate Recognition ★ Water and dust resistant (IP67) and vandal-resistant (IK10) ★ Support Wiegand (26-bit & 34-bit)
Model Number		I81HX
IP Camera		
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Max resolution	2688*1520(4MP)
	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)
	Fourth Stream	50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)
	Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG
	Video Bitrate	32 Kbps - 8 Mbps
	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
	Lens	Varifocal lens, motorized lens, 2.7 to 13.5 mm
	Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
	Angle of View	Horizontal FOV 107.6° to 32.9°, vertical FOV 56° to 18.5°, diagonal FOV 130.9° to 37.8
	Supplement Light Type	IR
	Supplement Light Range	Up to 60 m
	Motion detection 2.0	Support, include Human & Vehicle detection
	Smart Event	Line crossing, intrusion, region entrance, region exiting, scene change detection, audio exception detection, defocus detection
	Deep Learning Function	Face Capture, people counting
	Road Traffic and Vehicle Detection	Blocklist and allowlist: up to 10,000 records Support license plate recognition License plate recognition rate ≥95 Support license plate recognition of motorcycles (only in checkpoint scenario)
	Image Enhancement	BLC, HLC, 3D DNR, Defog
	Wide Dynamic Range	120 dB WDR
	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, WebSocket, WebSockets, SRTP
	API	Open Network Video Interface Version 19.12 (Profile S, Profile T, Profile G)
	Region of Interest (ROI)	1 fixed region for main stream
	Privacy Mask	4 programmable polygon privacy masks
	General Function	Rotate mode, mirror, password protection, remote access, Detection
	Ethernet	1 RJ45 10 M/100 M self-adaptive Ethernet port.
	Housing	Metal
	Color	White
	Storage	NAS, ANR, Built-in microSD/SDHC/SDXC Slot, up to 512 GB
	Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)
	Audio	1 input, 1 output

General	Power Output	12 VDC, max. 100 mA
	Wiegand	1 Wiegand (CardID 26bit, SHA-1 26bit, Hik 34bit, NEWG 72 bit)
	Hardware Reset	Yes
	Operating Power	DC 12 V± 25%, max. 13 W; PoE (802.3at), max. 15 W
	Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
	Indoor/Outdoor Use	Indoor/Outdoor
	Interface Protection	IP67, IK10, NEMA 4X
	Dimension (L X W X H)	Ø 105 mm × 332.8 mm (Ø 4.1" × 13.1")
	Weight	Approx. 1485 g (3.27 lb.)
Packaging Contents		
	Camera	1
	Junction box	1
	Mounting Screw Bag	1
	User Manual for Camera	1