



# SN-IPC8047HAN-FT

4MP ANPR Box Network Camera



## Key Features

- 1/1.8" STARVIS™ CMOS
- Max. 4MP(2688×1520) @50/60 fps resolution
- Intelligent AI-powered LPR Algorithm
- Max recognition speed of 120 km/h
- Up to 4,000 blacklist and whitelist
- True WDR, 3D DNR, ROI, Defog, HLC
- Built-in mic, 1/1 audio input/output, 1/1 alarm input/output
- Built-in micro SD card slot (up to 1 TB)
- Support auto back focus (ABF)
- Supports 12 VDC / 24 VAC / PoE power supply

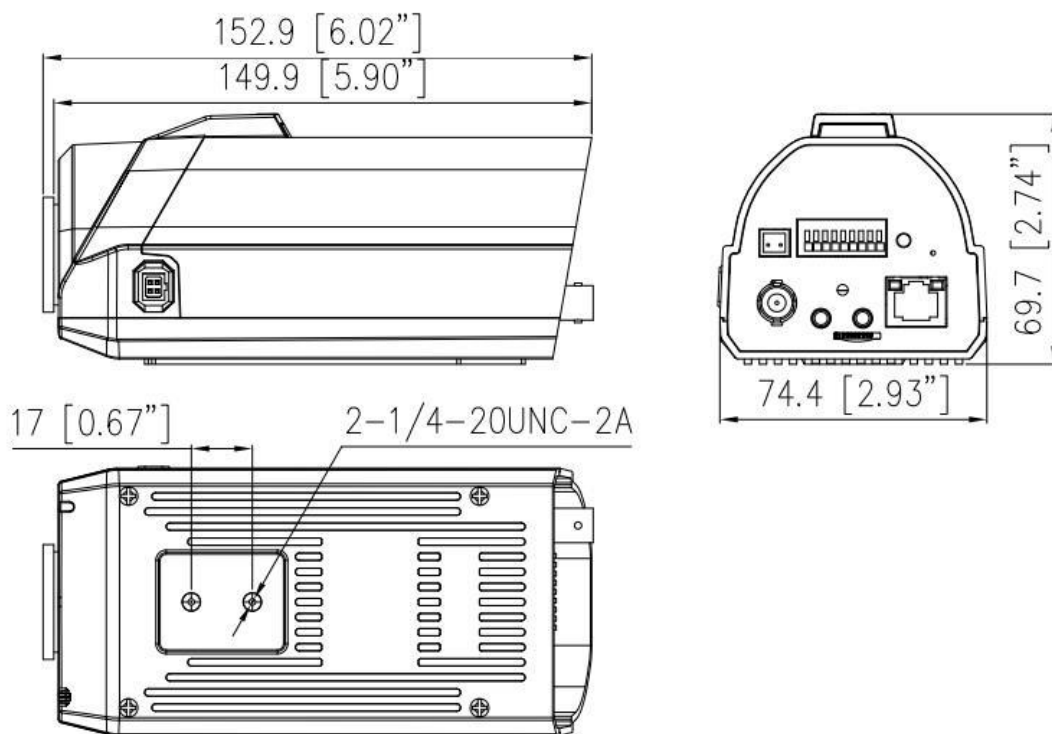


## Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	4MP, 2688(H) × 1520(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000 s
Min. illumination	Color: 0.0025 Lux @ (F1.2, AGC ON) , B/W: 0.0005 @ (F1.2, AGC ON)
Day & Night Switch	Auto (ICR)
Wide Dynamic Range	True WDR
Lens	
Lens Mount	C/CS mount
Iris Type	Fixed Iris, DC-IRIS
LPR	
Vehicle Speed	Up to 120 km/h
Country Region Supported	Middle East: Oman, Saudi Arabia, Africa: South Africa Asia-Pacific: China, China Taiwan, Thailand, Vietnam, India, Indonesia Malaysia, Singapore Europe: Italy, Netherlands America: Chile, USA (Customizable others)
White/Black List	Up to 4,000 records
LPR Smart Search	Support
Intelligent Analytics	
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Wrong-way detection, and Smart motion detection Support alarm triggering by specified target types (vehicle)
Video and Audio	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2688×1520, 1920×1080, 1280×720 @50/60 fps Stream2: D1, VGA, CIF @ 25/30 fps Stream3: VGA, CIF, QVGA @ 25/30 fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 kbps to 16 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Smart Encoder	Support
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)
Audio Compression	G.711 A-law, G.711 μ-law, RAW PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	Indoor, Outdoor, LPR, Mirror, Corridor mode
Exposure Mode	Auto, Manual, Shutter priority

White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR
Privacy Masking	4 areas
<b>Event</b>	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output
<b>Network</b>	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 user levels: Administrator, Operator, Media user
Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
<b>Interface</b>	
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Built-in Microphone	Support
Audio Interface	1ch input (line in), 1ch output (line out)
Alarm Interface	1ch input, 1ch output
I/O Interface	1ch input, 1ch output
RS-485	1 RS-485
BNC Interface	1ch (CVBS output)
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support
<b>General</b>	
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
Power Supply	12 VDC / 24 VAC (-10% to +25%) / PoE (802.3af)
Power Consumption	Typical: 4 W (12 VDC) / approx. 5.3 W (PoE) Max (Focusing): 6.4 W (12 VDC) / approx. 8.2 W (PoE)
Operating Temperature	-30°C to 60°C (-22°F to 140°F )
Operating Humidity	Less than 90% RH
Ingress Protection	N/A
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Aluminum alloy
Dimensions	152.9 × 74.4 × 69.7 mm (6.02 × 2.93 × 2.74 inch)
Net Weight	0.4 kg (0.88 lb)

## Dimensions (mm)



## Accessories

Optional:



SN-CH515  
Housing



SN-BK385  
Wall Mount