



# SN-IPV7150HNBC-B

5MP Smart Dual Light Active Deterrence  
Turret Network Camera



## Key Features

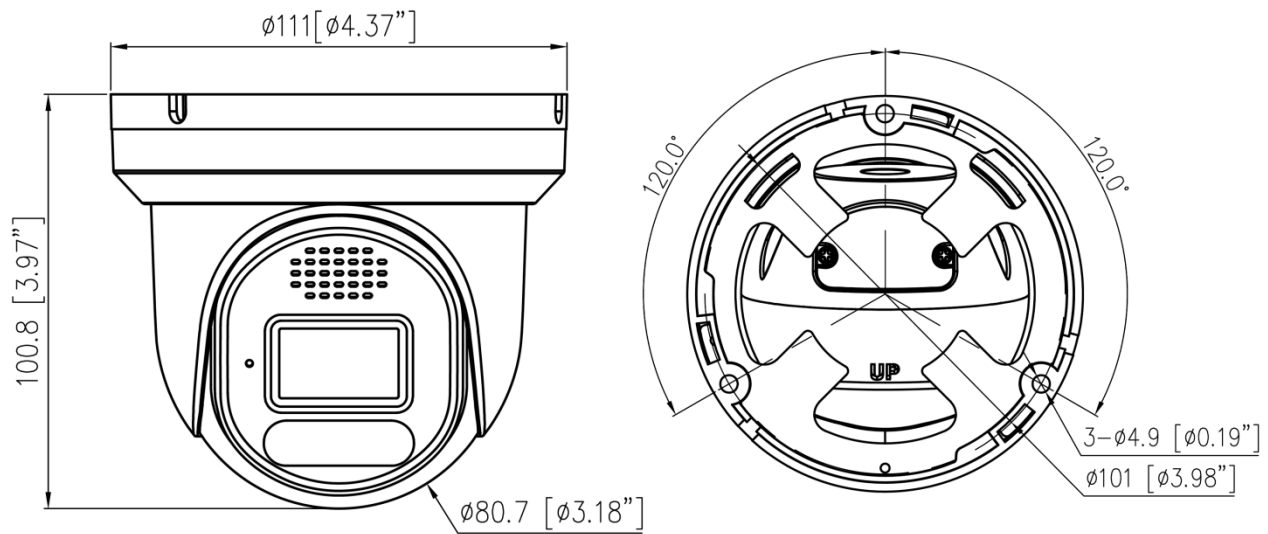
- 1/2.7" progressive scan CMOS
- Max. 5MP(2880×1620) @25/30fps resolution
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking, smart motion detection and people counting
- Built-in microphone and speaker
- Built-in red and blue warning light, support sound-light warning
- Built-in IR LED and warm lights, illumination distance up to 30m
- Built-in SD card slot, up to 1TB Micro SD card
- IP66 protection

# Specification

Camera				
Image Sensor	1/2.7" Progressive Scan CMOS			
Max. Resolution	5MP (2880 × 1620)			
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s			
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with Light on			
Day & Night	IR cut filter			
Wide Dynamic Range	True WDR			
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 80°, Rotation: 0° to 360°			
Lens				
Lens Type	Fixed focal			
Iris	Fixed Iris			
Focal Length	2.8 mm, 4 mm			
Max. Aperture	F1.6			
Field of View (FOV)	2.8 mm - H: 110.9°, V: 60° 4 mm - H: 91.8°, V: 46.3°			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	64 m (210 ft)	25.6 m (84 ft)	12.8 m (42 ft)	6.4 m (21 ft)
4 mm	96 m (315 ft)	38.4 m (126 ft)	19.2 m (63 ft)	9.6 m (31.5 ft)
DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.				
Illuminator				
Illuminator Type	IR, Warm light			
Illumination Distance	IR distance up to 30 m (98.4 ft) Warm light distance up to 20 m (65.6 ft)			
Illumination On/Off Control	Auto/Manual			
Intelligent Analytics				
Multi-Object Detection	Supports face, human, vehicle detection and capture			
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, and Smart motion detection Support alarm triggering by specified target types (human and vehicle)			
People Counting	Support			
Video and Audio				
Streaming Capability	3 Streams			
Stream/Frame Rate	Stream1: 2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps			
Bit Rate Control	CBR/VBR			
Bit Rate	Stream1: 200 kbps to 12 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps			
Region of Interest	Off/On (8 areas, Rectangle)			

Smart Encode	Support
Audio Compression	G.711 A-law, G.711 $\mu$ -law, RAM PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
<b>Image</b>	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	Indoor, Outdoor, 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	WDR, HLC, BLC, Defog
Privacy Masking	4 areas
<b>Event</b>	
Alarm Triggers	IVS, Motion detection, Network alarm, Disk alarm, Abnormal sound detection
Event Action	Alarm record, FTP upload, SMTP upload, Audible alarm output, White light alarm output, Red and blue light alarm
<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
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
<b>Interface</b>	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in Microphone	Support
Built-in Speaker	Support
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support
<b>General</b>	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12 VDC (-15% to +25%)/PoE (802.3af)
Power Consumption	Basic: 2 W (IR OFF), Max 10 W (IR ON + red and blue warning light + speaker)
Operating Temperature	-30°C to 60°C (-22°F to 140°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A12021, EN 61000-3-3:2013+A2:2021, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Material	Aluminum alloy body, Decoration ring: ABS
Dimensions	$\phi$ 111 × 100.8 mm ( $\phi$ 4.37 × 3.97 inch)
Net Weight	0.43 kg (0.95 lb)

## Dimensions (mm)



## Accessories

### Optional



SN-CBK646M  
Junction Box



SN-CBK203  
Pendant Cap



SN-CBK402  
Pendant Mount



SN-CBK501  
Wall Mount



SN-CBK502  
Wall Mount



SN-CBK101  
Pole Mount



SN-CBK102  
Corner Mount