

# SN-IPR5180HZBW-B

8MP Full Color Turret Network Camera



## Key Features

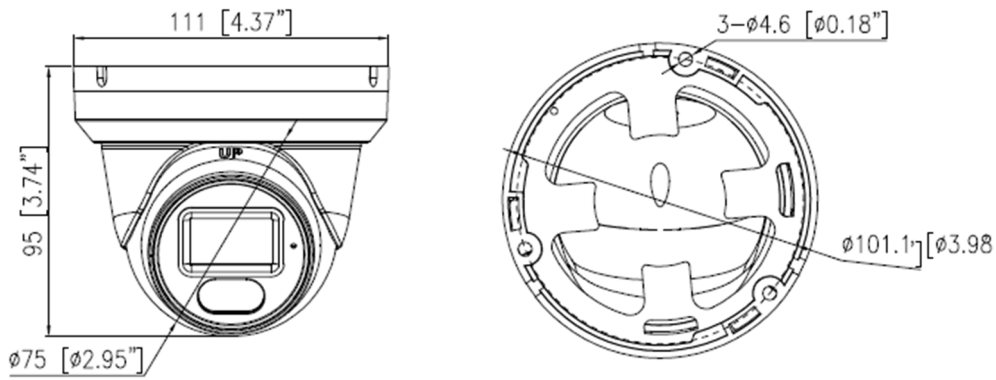
- 1/2.8" progressive scan CMOS
- 2.8mm fixed lens, 4mm optional
- Max resolution 8MP (3840×2160) @20fps
- Support human and vehicle based detection of intrusion, line crossing
- DWDR, 3D DNR, HLC, BLC, Defog
- Built-in warm light, illumination distance up to 30m
- Built-in microphone and SD card slot
- 12V DC/PoE power supply
- IP66

# Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Color: 0.03 Lux @ (F1.0, AGC ON), 0 Lux with light
S/N Ratio	55dB
Day & Night	IR cut filter
Wide Dynamic Range	DWDR
Illumination Distance	Up to 30m (98.4 ft)
Illumination On/Off Control	Auto/Manual
Pan/Tilt/Rotation Range	Pan: 0° ~ 360°, Tilt: 0° ~ 85°, Rotation: 0° ~ 360°
Lens	
Lens Type	Fixed focal
Iris	Fixed Iris
Focal Length	2.8 mm                      4 mm
F Number	F1.0                              F1.0
Angle of View	H: 104.5°, V: 55°              H: 84.5°, V: 46°
Video and Audio	
Max. Resolution	3840(H)×2160(V)
Streaming Capability	2 Streams
Main Stream	3840×2160 @20fps, 2592×1944 @25fps, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps
Sub Stream	704×576, 640×360, 480×360, 352×288 @ 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Main Stream: 512kbps ~ 6144kbps Sub Stream: 128bps ~ 2048kbps
Audio Compression	G.711 (64kbps)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation
White Balance	Auto/Manual
Mirror	Support
Exposure Mode	Auto/Manual
Day/Night Setting	Auto, Day, Night, Timing
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog
Wide Dynamic Range	DWDR
Privacy Masking	Support

Alarm Event	
Motion Detection	Support
Intelligent Analysis	Intrusion, Line crossing (support the classification and accurate detection of vehicle and human)
Network	
Protocols	IPv4, RTSP/RTP/RTCP, TCP/UDP,DHCP, DNS, DDNS, UPNP, ICMP, IGMP, NTP, SMTP, 802.1x, SNMP, HTTP/HTTPS, PPPOE
Interface Protocol	ONVIF, SDK, (TUYA optional)
Max. User Access	4 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese (Simplified), French, Korean, Polish, Italian, Spanish, German, Hungarian, Russian, Vietnamese, Thai, Danish, Czech, Slovak, Indonesian, Portuguese, Dutch, Hebrew, Arabic
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Microphone	Support
Reset Button	Support
SD Card Slot	Built-in, up to 256GB
Electrical	
Power Supply	DC12V(-15%~+25%)/PoE (IEEE 802.3af)
Power Consumption	Max 5.5W
Operating Temperature	-25°C ~ 55°C (-13°F ~ 131°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal + Plastic
Dimensions	Φ111 × 95mm (Φ4.37 × 3.74 inch)
Net Weight	0.35 kg (0.77 lb)

## Dimensions (mm)



## Accessories

Optional:



Junction Box  
SN-CBK646M



Pendant Cap  
SN-CBK202A



Ceiling Mount  
SN-CBK402



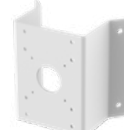
Wall Bracket  
SN-CBK501



Wall Mount  
SN-CBK502



Pole Mount  
SN-CBK101



Corner Mount  
SN-CBK102