

SN-IPR8050CBAW-B

5MP Full-color Bullet Network Camera



Key Features

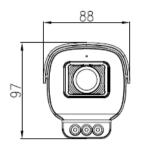
- 1/2.8" progressive scan CMOS
- Max. 5MP(2592×1944) @25/30fps resolution
- 4mm fixed lens, 2.8mm optional
- WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Smart events: intrusion, single line crossing, double line crossing, loitering, wrong way, people counting
- Built-in warm lights, illumination distance up to 30m
- Built-in microphone and speaker
- 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot, IP66, PoE

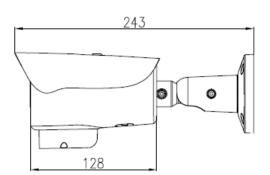
Specification

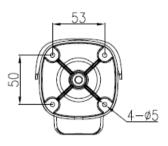
Camera		
Image Sensor	1/2.8" Progressive Scan CM	ios
Max. Resolution	5MP (2592×1944)	
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s	
Min. illumination	Color: 0.003 Lux (F1.0, AGC ON), 0 Lux with Light on	
Day & Night	IR cut filter	
Illumination Distance	Up to 30 m (98.4 ft)	
Illumination On/Off Control	Auto/Manual	
Pan/Tilt/Rotation Range	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°	
Lens		
Lens Type	Fixed focus	
Iris	Fixed Iris	
Focal Length	2.8 mm	4 mm
F Number	F1.0	F1.0
Angle of View	H: 93.4°, V: 69.1°	H: 75.7°, V: 54.6°
Video		
Streaming Capability	3 Streams	
Stream/Frame Rate	Stream1: 2592×1944, 2592×1520, 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: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps	
Region of Interest	Off/On (8 Zone, Rectangle)	
Smart Encode	Support	
Image		
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable	
Aisle Mode	Support	
Mirror	Support	
White Balance	Auto/Manual	
Day/Night Setting	Auto, Day, Night, Time	
Smart Illumination	Support	
Noise Reduction	2D/3D DNR	
Image Enhancement	HLC, BLC, Defog	
Wide Dynamic Range	True WDR	
S/N Ratio	55dB	
Motion Detection	Support	
Privacy Masking	Support	

Smart Function Multi-Object Detection Supports face, human, vehicle detection and capture Detection Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm tiggering by specified target types (human and vehicle) Audio Compression G.711, RAW_PCM Bit Rate 8kbps, 16kps, 64kbps Network PV4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPDE, SMTP, DNS, UPNP, FTP, ARP, SMMP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""> Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector Audio Interface 1 ch Input, 1ch Output Built-in Microphone Yes Built-in Speaker Yes Alarm Interface 1 ch Input, 1ch Output Reset Button Support SD Card Slot Built-in, up to 256GB Electrical Pow</ie11,>			
Detection Supports face, numan, venicie detection and capture Intrusion, Single line crossing, Double line crossing, Litering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle) Audio Compression G.711, RAW_PCM Bit Rate 8kbps, 16kps, 64kbps Network Protocols IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer <ie11, (-15%-+25%)="" (-40°f="" (10="" (ieee="" -40°c="" 1="" 100="" 131°f)="" 1ch="" 256gb="" 55°c="" 8.5="" 802.3af)="" 90%="" alarm="" audio="" base-t)="" built-in="" built-in,="" button="" card="" casing="" ce="" certifications="" chinese,="" chrome,="" connector="" consumption="" czech,="" dc12v="" default:="" dimensions<="" edge="" electrical="" english="" english,="" ethernet="" fcc="" firefox,="" french,="" humidity="" hungarian.="" ingress="" input,="" interface="" ip66="" italian,="" language="" less="" max="" metal="" microphone="" microsoft="" network="" operating="" output="" poe="" polish,="" portuguese,="" power="" protection="" reset="" rh="" rj-45="" russian,="" sd="" slot="" spanish,="" speaker="" supply="" support="" td="" temperature="" th="" than="" to="" up="" w="" yes="" ~=""><td></td><td></td></ie11,>			
Intelligent Analysis Support alarm triggering by specified target types (human and vehicle) Audio Compression G.711, RAW_PCM Bit Rate 8kbps, 16kps, 64kbps Network Protocols IPV4/IPV6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPP6E, SMTP, DNS, UPP6, FTP, ARP, SNMP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer <ie11, (-15%-+25%)="" (10="" (9.55="" (ieee="" 1="" 100="" 1ch="" 243="" 256gb="" 3.46="" 3.82="" 8.5="" 802.3af)="" 88="" 90%="" 97mm="" alarm="" audio="" base-t)="" built-in="" built-in,="" button="" card="" casing="" ce="" certifications="" chinese,="" chrome,="" connector="" consumption="" czech,="" dc12v="" default:="" dimensions="" edge="" electrical="" english="" english,="" ethernet="" fcc="" firefox,="" french,="" humidity="" hungarian.="" inch)<="" ingress="" input,="" interface="" ip66="" italian,="" language="" less="" max="" metal="" microphone="" microsoft="" network="" operating="" output="" poe="" polish,="" portuguese,="" power="" protection="" reset="" rh="" rj-45="" russian,="" sd="" slot="" spanish,="" speaker="" supply="" support="" td="" than="" to="" toh="" up="" w="" x="" yes=""><td>•</td><td colspan="2">Supports face, human, vehicle detection and capture</td></ie11,>	•	Supports face, human, vehicle detection and capture	
Bit Rate 8kbps, 16kps, 64kbps Network Protocols IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer <ie11, (-15%-+25%)="" (-40°f="" (10="" (9.55="" (ieee="")="" -="" -40°c="" 1="" 100="" 131°f="" 1ch="" 243="" 256gb="" 3.46="" 3.82="" 55°c="" 8.5="" 802.3af)="" 88="" 90%="" 97mm="" alarm="" audio="" base-t)="" built-in="" built-in,="" button="" card="" casing="" ce="" certifications="" chinese,="" chrome,="" connector="" consumption="" czech,="" dc12v="" default:="" dimensions="" edge="" electrical="" english="" english,="" ethernet="" fcc="" firefox,="" french,="" humidity="" hungarian.="" inch)="" ingress="" input,="" interface="" ip66="" italian,="" language="" less="" max="" metal="" microphone="" microsoft="" network="" operating="" output="" poe="" polish,="" portuguese,="" power="" protection="" reset="" rh="" rj-45="" russian,="" sd="" slot="" spanish,="" speaker="" supply="" support="" td="" than="" to="" up="" w="" yes="" ="" <="" ~="" ×=""><td>Intelligent Analysis</td><td colspan="2">Loitering, Wrong way, People counting Support alarm triggering by specified target types</td></ie11,>	Intelligent Analysis	Loitering, Wrong way, People counting Support alarm triggering by specified target types	
Network Protocols IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPPN, FTP, ARP, SNMP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer <ie11, (-15%~+25%)="" (-40°f="" (10="" (9.55="" (ieee="")="" -40°c="" 1="" 100="" 131°f="" 1ch="" 243="" 256gb="" 3.46="" 3.82="" 55°c="" 8.5="" 802.3af)="" 88="" 90%="" 97mm="" alarm="" audio="" base-t)="" built-in="" built-in,="" button="" card="" casing="" ce="" certifications="" chinese,="" chrome,="" connector="" consumption="" czech,="" dc12v="" default:="" dimensions="" edge="" electrical="" english="" english,="" ethernet="" fcc="" firefox,="" french,="" humidity="" hungarian.="" inch)="" ingress="" input,="" interface="" ip66="" italian,="" language="" less="" max="" metal="" microphone="" microsoft="" operating="" output="" poe="" polish,="" portuguese,="" power="" protection="" reset="" rh="" rj-45="" russian,="" sd="" slot="" spanish,="" speaker="" supply="" support="" td="" th="" than="" to="" up="" w="" yes="" ="" <="" ~="" ×=""><td>Audio</td><td></td></ie11,>	Audio		
Protocols IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL Interoperability	Compression	G.711, RAW_PCM	
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Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector Audio Interface 1 tch Input, 1ch Output Built-in Microphone Yes Built-in Speaker 1 tch Input, 1ch Output Reset Button Support SD Card Slot Built-in, up to 256GB Electrical Power Supply DC12V (-15%~+25%)/POE (IEEE 802.3af) Power Consumption Max 8.5 W Operating Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Web Viewer	<ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""></ie11,>	
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Built-in Microphone Yes Built-in Speaker Yes Alarm Interface 1ch Input, 1ch Output Reset Button Support SD Card Slot Built-in, up to 256GB Electrical Power Supply DC12V (-15%~+25%)/POE (IEEE 802.3af) Power Consumption Max 8.5 W Operating Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector	
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Reset Button Support SD Card Slot Built-in, up to 256GB Electrical Power Supply DC12V (-15%~+25%)/POE (IEEE 802.3af) Power Consumption Max 8.5 W Operating Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Built-in Speaker	Yes	
SD Card Slot Built-in, up to 256GB Electrical Power Supply DC12V (-15%~+25%)/POE (IEEE 802.3af) Power Consumption Max 8.5 W Operating Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Alarm Interface	1ch Input, 1ch Output	
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Power Supply DC12V (-15%~+25%)/POE (IEEE 802.3af) Power Consumption Max 8.5 W Operating Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	SD Card Slot	Built-in, up to 256GB	
Power Consumption Max 8.5 W Operating Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Electrical		
Operating Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Power Supply	DC12V (-15%~+25%)/POE (IEEE 802.3af)	
Temperature -40°C ~ 55°C (-40°F ~ 131°F) Operating Humidity Less than 90% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Power Consumption	Max 8.5 W	
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Certifications CE/FCC Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)		Less than 90% RH	
Casing Metal Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Ingress Protection	IP66	
Dimensions 243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	Certifications	CE/FCC	
(2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	Casing	Metal	
Net Weight 0.83 kg (1.83 lb)	Dimensions	243 × 88 × 97mm (9.55 × 3.46 × 3.82 inch)	
	Net Weight	0.83 kg (1.83 lb)	

Dimensions (mm)







Accessories

Optional:







SN-CBK627D Pole Mount