

SN-IPR8080APAN-Z

8MP IR Motorized Varifocal Bullet Network Camera



Key Features

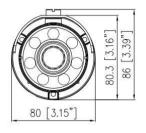
- 1/2.8" progressive scan CMOS
- Max. 8MP(3840 × 2160) @25/30 fps resolution
- 2.7 to 13.5 mm motorized lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting
- 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot
- Smart IR distance up to 40 m
- IP67

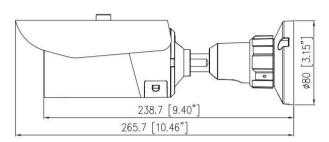
Specification

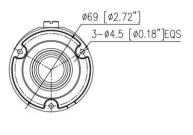
Camera						
Image Sensor	1/2.8" Progressive Sca	ın CMOS				
Max. Resolution	8MP (3840 × 2160)	8MP (3840 × 2160)				
Electronic Shutter	Auto/Manual, 1/5 to 1	1/20,000 s				
Min. illumination	Color: 0.01 Lux @ (F1.	6, AGC ON), B/W: 0 Lux	a @ (IR LED ON)			
Day & Night	IR cut filter					
Angle Adjustment	Pan: 0° to 360°, Tilt: 0°	° to 90°, Rotation: 0° to	360°			
Lens	Lens					
Lens Type	Motorized focus					
Iris	Fixed Iris					
Focal Length	2.7 to 13.5 mm	2.7 to 13.5 mm				
F Number	F1.6	F1.6				
Angle of View	H: 98.1° to 30.9°, V: 52	H: 98.1° to 30.9°, V: 52.6° to 17.3°				
DORI						
DORI Distance	Lens	Detect	Observe	Recognize	Identify	
	Wide	88 m (288.7 ft)	35.2 m (115.5 ft)	17.6 m (57.7 ft)	8.8 m (28.9 ft)	
	Tele	280 m (918.6 ft)	112 m (367.5 ft)	56 m (183.7 ft)	28 m (91.9 ft)	
Illuminator						
Illuminator Type	IR	IR				
Illumination Distance	Up to 40 m (131.2 ft)	Up to 40 m (131.2 ft)				
Illumination On/Off Control	Auto/Manual	Auto/Manual				
Video						
Streaming Capability	3 Streams					
Stream/Frame Rate	Stream2: D1, VGA, CIF	Stream1: 3840 × 2160, 2592 × 1944, 2592 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720 @ 25/30 fps Stream2: D1, VGA, CIF, @25/30 fps Stream3: VGA, CIF, QVGA @25/30 fps				
Bit Rate Control	CBR/VBR	CBR/VBR				
Bit Rate	Stream2: 100 kbps to	Stream1: 200 kbps to 16 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps				
Region of Interest	Off/On (8 areas, Recta	Off/On (8 areas, Rectangle)				
Smart Encode	Support	Support				
Audio						
Compression	G.711, RAW_PCM	G.711, RAW_PCM				
Bit Rate	64Kbps (G.711), 128K	64Kbps (G.711), 128Kps (RAW_PCM)				
Image						
Image Adjustment	Brightness, Sharpness	Brightness, Sharpness, Contrast, Saturation adjustable				
Aisle Mode	Support					

Mitro Support White Balance Auto/Manual Auto, Day, Nght, Time Smart IR Support Noise Reduction 20/30 DNR Image Enhancement HLC, DLC, Defog Wide Dynamic Range True WOR SyN Ratio SyN Ratio SyN Ratio Sole Motion Detection Support Frivacy Masking 4 areas Smart Function Multi-Object Detection Support face, human, vehicle detection and capture Intrusion, Single line crossing, Double line crossing, Lollering, Wrong-way Support alarm triggering by specified target types (human and vehicle) Protocol Intrusion, Single line crossing, Double line crossing, Lollering, Wrong-way Support alarm triggering by specified target types (human and vehicle) Protocol Protocol Protocol Protocol Shaff, Prot					
Day/Night Setting Auto. Day. Night, Time Smart IR Support Noise Reduction 20/30 DNR Image Enhancement HLC, BLC, Defog Wide Dynamic Range True WDR SSSR Motion Detection Support Privacy Minking 4 areas Smart Function Multi-Object Detection Support Intrusion. Support areas Smart Function Wide Dynamic Range Intrusion Support areas Smart Function White Diglect Detection Support areas triggering by specified target types (human and vehicle) Privacy Minking Support areas triggering by specified target types (human and vehicle) Protocols Support areas triggering by specified target types (human and vehicle) Protocols Support Support Autority Support areas triggering by specified target types (human and vehicle) Support Support areas triggering by specified target types (human and vehicle) Protocols Support Support areas triggering by specified target types (human and vehicle) Support Support areas triggering by specified target types (human and vehicle) Support Support areas triggering by specified target types (human and vehicle) Protocols Support areas triggering by specified target types (human and vehicle) Support Support areas triggering by specified target types (human and vehicle) Protocols Support areas triggering by specified target types (human and vehicle) Support Support areas triggering by specified target types (human and vehicle) Support Support Analytics Support (specified target types (human and vehicle) Support Support (specified target types (human and vehicle) Support Support (specified target types (human and vehicle) Support (specified	Mirror	Support			
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Noise Reduction 20/30 DNR Image Enhancement HLC, BLC, Defog Wide Dynamic Range True WOR \$\text{SMR}\$ Motion Detection Support Privacy Masking 4 areas **Multi-Object Detection Support Sace, human, vehicle detection and capture Intrusion, single line crossing, Double line crossing, Lottering, Wrong-way Support alarm triggering by specified target types (human and vehicle) **People Counting Support SANNE, TIS, SSS.** **Network** **Protocols Privacy Masking Analytics Intrusion, Single line crossing, Double line crossing, Lottering, Wrong-way Support alarm triggering by specified target types (human and vehicle) **People Counting Support SANNE, TIS, SSS.** **Network** **Protocols Privacy Masking Analytics Sanne, Frigor, Microsoft Edge Sanne, Streaming Method Multicast **Max. User Access 10 Users **Web Vicewer detail, Chrome, Firefox, Microsoft Edge English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Default: English Interface **Interface 1 Ethernet (10/100 Base-T) RI-45 Connector **Audio Interface 1 Ethernet (10/100 Base-T) RI-45 Connector **Spoport Supply 0 DC12Y L15% to *25%)/Pot (IEEE 802 3a1) **Power Consumption Max 10.5 W Max 10.5	Day/Night Setting	Auto, Day, Night, Time			
Image Enhancement HLC, BLC, Defog Wide Dynamic Range True WDR \$NRatio \$5dB Motion Detection Support Privacy Masking 4 areas Smart Function Multi-Object Detection Support ace, human, vehicle detection and capture Intelligent Analytics Support alarm triggering by specified target types (human and vehicle) People Counting Support Network Network Protocols Image: Martin	Smart IR	Support			
Vide Dynamic Range S/N Ratio S5dB Motion Detection Support Privacy Masking 4 areas Smart Function Multi-Object Detection Supports face, human, vehicle detection and capture Intelligent Analytics Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support People Counting Network Protocols SIP-A4/IPV6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPrIP, FTP, ARP, SMMP, TTS/SSI. Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer diel.1, Chrome, Firefox, Microsoft Edge Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector Audio Interface 1 Leh Input, 1ch Output Alarm Interface 1 Leh Input, 1ch Output Reset Button Support SO Card Slot Built-in, up to 256GB Eccrical Power Supply DC12V (-15% to -25%)/PoE (IEEE 802.3af) Power Consumption Max 10.5 W Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Temperature -40°C to 55°C (-40°F to 131°F) Certifications CE/FCC Casing Metal Dimensions 265.7 × 80 × 86 mm (10.46 × 3.15 × 3.39 inch)	Noise Reduction	2D/3D DNR			
S/N Ratio 550B Motion Detection Support Privacy Masking 4 areas Smart Function Multi-Object Detection Supports face, human, vehicle detection and capture Intelligent Analytics Intrusion, Single line crossing, Double line crossing, Lottering, Wrong-way Support olarm triggering by specified target types (human and vehicle) People Counting Support Network Protocols ShMey, TIS/SSI. Interoperability ONVIF, 5DK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer <a <="" href="#" td=""><td>Image Enhancement</td><td colspan="2">HLC, BLC, Defog</td>	Image Enhancement	HLC, BLC, Defog			
Motion Detection Support Privacy Masking 4 areas Smart Function Multi-Object Detection Supports face, human, vehicle detection and capture Intralligent Analytics Intrusion, Single line crossing, Double line crossing, Lintering, Wrong-way Support alarm triggering by specified target types (human and vehicle) People Counting Network Protocols SIPPA/IPPG, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPOE, SMTP, DNS, UPPP, FTP, ARP, SMMP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer <iell (-15%="" (10="" (40°f="" (ieee="" +25%)="" 1="" 10.5="" 100="" 131°f)="" 1ch="" 256gb="" 40°c="" 55°c="" 802.38f)="" 90%="" audio="" base-t)="" built-in,="" button="" card="" casing="" ce="" certifications="" chinese,="" chrome,="" connector="" consumption="" czech,="" dc12v="" default:="" dimensions<="" edge="" electrical="" english="" english,="" ethernet="" firefox,="" french,="" humidity="" hungarian,="" icc="" ingress="" input,="" interface="" ip67="" italian,="" language="" less="" max="" metall="" microsoft="" network="" operating="" output="" poe="" polish,="" portuguese,="" power="" protection="" reset="" rh="" rj-45="" russian,="" sd="" slot="" spanish,="" supply="" support="" td="" temperature="" th="" than="" to="" up="" w=""><td>Wide Dynamic Range</td><td colspan="2">True WDR</td></iell>	Wide Dynamic Range	True WDR			
Privacy Masking 4 areas Smart Function Multi-Object Detection Supports face, human, vehicle detection and capture Intelligent Analytics Support Intrusion, Single line crossing, Double line crossing, Lotering, Wrong-way Support Jaarm triggering by specified target types (human and vehicle) People Counting Support Network Protocols IPV4/IPV6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPOE, SMTP, DNS, UPnP, FTP, ARP, SNNP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer dE11, Chrome, Firefox, Microsoft Edge Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Interface Network Interface 1 Ethernet (10/100 Base-T) RI-45 Connector Audio Interface 1 sch Input, 1ch Output Reset Button Support SO Card Slot Built-in, up to 256GB Electrical Power Supply DC12V (-15% to +25%)/PoE (IEEE 802.3af) Power Consumption Max 10.5 W Operating Temperature -40°C to 55°C (-40°F to 131°F)	S/N Ratio	55dB			
Smart Function Supports face, human, vehicle detection and capture Intelligent Analytics Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle) People Counting Support Network Protocols Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer -dE11, Chrome, Firefox, Microsoft Edge Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Interface 1 Ethernet (10/100 Base-T) RI-45 Connector Audio Interface 1 ch Input, 1ch Output Alarm Interface 1 ch Input, 1ch Output Reset Button Support SD Card Slot Built-in, up to 256GB Electrical Power Consumption Max 10.5 W Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Temperature -40°C to 55°C (-40°F to 131°F) <	Motion Detection	Support			
Multi-Object Detection Supports face, human, vehicle detection and capture Intelligent Analytics Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alsorn triggering by specified target types (human and vehicle) People Counting Support Network Protocols IPWA/IPWG, 802-1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPOE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TIS/SSI. Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer ciE11, Chrome, Firefox, Microsoft Edge Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Interface Network Interface 1 Ethernet (10/100 Base-T) RI-45 Connector Audio Interface 1 ch Input, 1ch Output Alarm Interface 1 ch Input, 1ch Output SUpport SD Card Slot Built-in, up to 256GB Electrical Power Supply DC12V (-15% to +25%)/PoE (IEEE 802.3af) Power Consumption Max 10.5 W Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Humidity Less than 90% RH Ingress Protection IP67 Certifications CE/FCC Casing Metal Dimensions	Privacy Masking	4 areas			
Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle) People Counting Support Network Protocols IPNA/IPN6, 802-1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPOE, SMTP, DNS, UPnP, FTP, ARP, SMMP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer <ie11, (-15%="" (-40°f="" (10="" (ieee="" +25%)="" -40°c="" 1="" 10.5="" 100="" 131°f)="" 1ch="" 256gb="" 55°c="" 802.3af)="" 90%="" alarm="" audio="" base-t)="" built-in,="" card="" casing="" ce="" certifications="" ch="" chinese,="" chrome,="" connector="" consumption="" czech,="" dc12v="" default:="" dimensions<="" ecc="" edge="" electrical="" english="" english,="" ethernet="" firefox,="" french,="" humidity="" hungarian,="" ingress="" input,="" interface="" ip67="" italian,="" language="" less="" max="" metal="" microsoft="" network="" operating="" output="" poe="" polish,="" portuguese,="" power="" protection="" rh="" rj-45="" russian,="" sd="" slot="" spanish,="" supply="" support="" td="" temperature="" than="" to="" up="" w=""><td colspan="5">Smart Function</td></ie11,>	Smart Function				
Support alarm triggering by specified target types (human and vehicle) Network Protocols PPA/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 Multicast Max. User Access 10 Users Web Viewer < IEI1. Chrome, Firefox, Microsoft Edge	Multi-Object Detection	Supports face, human, vehicle detection and capture			
Network Protocols IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNNPP, TLS/SSL Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer < El11, Chrome, Firefox, Microsoft Edge Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector Audio Interface 1 ch Input, 1 ch Output Alarm Interface 1 ch Input, 1 ch Output Reset Button Support SD Card Slot Built-in, up to 256GB Electrical Power Supply DC12V (-15% to +25%)/PoE (IEEE 802.3af) Power Consumption Max 10.5 W Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Temperature -40°C to 55°C (-40°F to 131°F) Operating Humidity Less than 90% RH Ingress Protection IP67 Certifications CE/FCC Casing Metal Dimensions 265.7 × 80 × 86 mm (10.46 × 3.15 × 3.39 inch)	Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle)			
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Interoperability ONVIF, SDK, CGI Streaming Method Multicast Max. User Access 10 Users Web Viewer					

Dimensions (mm)







Accessories

Optional:







SN-CBK627D Pole Mount