

# SN-IPR8041CQAN-Z

**4MP Starlight IR Eyeball Network Camera** 



#### **Key Features**

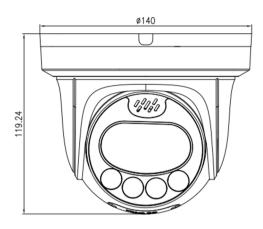
- 1/1.8" progressive scan CMOS
- Max. 4MP(2560×1440) @25/30fps resolution
- WDR, 3D DNR, ROI, HLC, BLC, Defog
- · Support face, human and vehicle detection and capture
- Intelligence analysis: intrusion, single line crossing, double line crossing, loitering, wrong way, people counting
- Smart IR distance up to 50m
- 1/1 audio input/output, 1/1 alarm input/output
- Built-in microphone and speaker
- Built-in SD slot, IP66, PoE

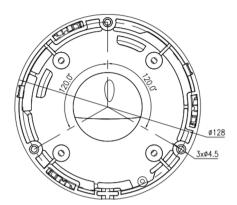
## **Specification**

Image Sensor         1/1.8° Progressive Scan CMOS           Max. Resolution         4MP (2560×1440)           Electronic Shutter         Auto/Manual, 1/5 ~ 1/20,000s           Min. illumination         Color: 0.001 Lux @ (F1.6, AGC ON) , BWW: 0 Lux @ (R LED ON)           Day & Night         IR cut filter           IR Distance         Up to 50 m (164.0 ft)           IR On/Off Control         Auto/Manual           Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotation: 0° ~ 360°           Lens         Fixed Iris           Lens Type         Motorized focus           Iris         Fixed Iris           Focal Length         3.6 ~ 11 mm           F Number         F1.3           Angle of View         H: 114.6° ~48.3°, V: 59° ~27.1°           Video         Stream: 2002 25/30fps           Stream/Frame Rate         Stream: 2260×1440, 2304×1296, 1920×1080, 1220×1080, 1220×202 25/30fps           Stream/Frame Rate         Stream: 200kbps ~6Mbps           Stream: 200kbps ~12Mbps         Stream: 200kbps ~12Mbps           Bit Rate Control         CBR/VBR           Bit Rate         Stream: 200kbps ~6Mbps           Stream: 200kbps ~3Mbps         Stream: 200kbps ~6Mbps           Region of Interest         Off/On (8 Zone, Rectangle)           Smart Encode         Supp	Camera	
Electronic Shutter Auto/Manual, 1/5 ~ 1/20,000s Min. illumination B/M: 0 Lux @ (IR LED ON)  Day & Night IR cut filter IR Distance Up to 50 m (164.0 ft) IR On/Off Control Auto/Manual Pan/Tilt/Rotation Range Pan: 0' ~ 355', Tilt: 0' ~ 80', Rotation: 0' ~ 360'  Lens Lens Type Motorized focus Iris Fixed Iris Focal Length 3.6 ~ 11 mm F Number F1.3 Angle of View H: 114.6'~48.3', V: 59'~27.1'  Video  Streaming Capability 3 Streams Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF, @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream3: 100kbps~12Mbps Stream3: 100kbps~13Mbps Region of Interest Off/On (8 Zone, Rectangle) Smart Encode Support  Mirror Support White Balance Auto/Manual Day/Night Setting Auto, Day, Night, Time Smart Illumination Support Wide Dynamic Range Image Enhancement HLC, BLC, Defog S/N Ratio Support Support Motion Detection Support Motion Detection Support  Hange Enhancement HLC, BLC, Defog S/N Ratio Support Motion Detection	Image Sensor	1/1.8" Progressive Scan CMOS
Min. illumination  Color: 0.001 Lux @ (F1.6, AGC ON) , BAW: 0 Lux @ (IR LED ON)  Day & Night  IR cut filter  IR Distance  Up to 50 m (164.0 ft)  IR On/Off Control  Auto/Manual  Pan/Titt/Rotation Range  Auto/Manual  Pan/Titt/Rotation Range  Motorized focus  Iris  Fixed Iris  Focal Length  3.6 ~ 11 mm  F Number  F1.3  Angle of View  H: 114.6°~48.3°, V: 59°~27.1°  Video  Streaming Capability  3 Streams  Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream: UNGA, CIF, QVGA @ 25/30fps Stream: 100kbps~12Mbps Stream: 100kbps~3Mbps  Region of Interest  Off/On (8 Zone, Rectangle)  Smart Encode  Support  Mirror  Support  White Balance  Auto/Manual  Day/Night Setting  Auto, Day, Night, Time  Smart Illumination  Support  Wide Dynamic Range  Irus WDR  Image Enhancement  HLC, BLC, Defog  S/N Ratio  Support	Max. Resolution	4MP (2560×1440)
BM: 0 Lux @ (IR LED ON) Day & Night IR cut filter  IR Distance Up to 50 m (164.0 ft) IR On/Off Control Auto/Manual Pan/Tilt/Rotation Range  Lens  Lens Type Motorized focus Iris Fixed Iris Focal Length 3.6 ~ 11 mm F Number F1.3 Angle of View H: 114.6° ~48.3°, V: 59° ~27.1° Video  Streaming Capability 3 Streams Stream/Frame Rate Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream: VGA, CIF, QVGA @ 25/30fps Bit Rate Control CBR/VBR  Bit Rate Stream: 1: 200kbps ~12Mbps Stream: 100kbps ~3Mbps Region of Interest Off/On (8 Zone, Rectangle) Smart Encode Support  Mirror Support  White Balance Auto/Manual Day/Night Setting Auto, Day, Night, Time Smart Illumination Support Noise Reduction 55dB Motion Detection Support  Mirage Enhancement HLC, BLC, Defog S/N Ratio 55dB Motion Detection Support	Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Day & Night IR cut filter  IR Distance Up to 50 m (164.0 ft)  IR On/Off Control Auto/Manual  Pan/Til/Rotation Pan: 0' ~ 355', Tilt: 0' ~ 80', Rotation: 0' ~ 360'  Lens  Lens  Lens Type Motorized focus  Iris Fixed Iris  Focal Length 3.6 ~ 11 mm  F Number F1.3  Angle of View H: 114.6° ~48.3°, V: 59° ~27.1°  Video  Streaming Capability 3 Streams  Stream/Frame Rate Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream: D1, VGA, CIF @ 25/30fps Stream: D1, VGA, CIF @ 25/30fps Stream: 100kbps~6Mbps Stream: 100kbps~8Mbps Stream: 100kbps~3Mbps  Region of Interest Off/On (8 Zone, Rectangle)  Smart Encode Support  Image  Image Adjustment Brightness/Sharpness/Contrast/Saturation adjustable Aisle Mode Support  White Balance Auto/Manual  Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Min. illumination	
IR On/Off Control Pan/Tit/Rotation Range Pan: 0' ~ 355', Tilt: 0' ~ 80', Rotation: 0' ~ 360'  Lens  Lens Type Motorized focus  Iris Fixed Iris Fixed Iris Focal Length 3.6 ~ 11 mm F Number F1.3 Angle of View H: 114.6'~48.3', V: 59°~27.1'  Video  Streaming Capability 3 Streams Stream1: 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 Stream3: 100kbps~12Mbps 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 White Balance Auto/Manual Day/Night Setting Auto, Day, Night, Time Smart Illumination Support  Wide Dynamic Range Irrue WDR Image Enhancement HLC, BLC, Defog  Motion Detection Support	Day & Night	
Pan: 0' ~ 355', Tilt: 0' ~ 80', Rotation: 0' ~ 360'  Lens  Lens Type Motorized focus  Iris Fixed Iris  Focal Length 3.6 ~ 11 mm  F Number F1.3  Angle of View H: 114.6°-48.3°, V: 59°-27.1°  Video  Streaming Capability 3 Streams  Stream!- 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream3: 100kbps~12Mbps Stream3: 100kbps~18Mbps  Region of Interest Off/On (8 Zone, Rectangle)  Smart Encode Support  Image  Image Adjustment Brightness/Sharpness/Contrast/Saturation adjustable Aisle Mode Support  White Balance Auto/Manual  Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio S5dB  Motion Detection Support	IR Distance	Up to 50 m (164.0 ft)
Lens Type Motorized focus  Lens Type Motorized focus  lris Fixed Iris  Focal Length 3.6 ~ 11 mm  F Number F1.3  Angle of View H: 114.6°~48.3°, V: 59°~27.1°  Video  Streaming Capability 3 Streams  Streaming Capability 3 Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Streaming Capability 3 Stream: 12, VGA, CIF @ 25/30fps Stream: 10, VGA, CIF @ 25/30fps Bit Rate Control CBR/VBR  Bit Rate Stream: 200kbps~12Mbps Stream: 100kbps~6Mbps Stream: 100kbps~6Mbps Stream: 100kbps~6Mbps Stream: 100kbps~3Mbps  Region of Interest Off/On (8 Zone, Rectangle)  Smart Encode Support  Image  Image Adjustment Brightness/Sharpness/Contrast/Saturation adjustable Aisle Mode Support  White Balance Auto/Manual  Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	IR On/Off Control	Auto/Manual
Iris Fixed Iris Fixed Iris Focal Length 3.6 ~ 11 mm F Number F1.3 Angle of View H: 114.6° ~48.3°, V: 59° ~27.1°  Video Streaming Capability 3 Streams Stream/Frame Rate Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream/Erame Rate Stream: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Bit Rate Control CBR/VBR Bit Rate Stream: 1200kbps~12Mbps 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 White Balance Auto/Manual Day/Night Setting Auto, Day, Night, Time Smart Illumination Support Woise Reduction 2D/3D DNR Wide Dynamic Range True WDR Image Enhancement HLC, BLC, Defog S/N Ratio 55dB Motion Detection Support		Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotation: 0° ~ 360°
Iris Fixed Iris Focal Length 3.6 ~ 11 mm  F Number F1.3  Angle of View H: 114.6°-48.3°, V: 59°~27.1°  Video  Streaming Capability 3 Streams  Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream? VGA, CIF @ 25/30fps Stream2: VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream3: 100kbps~12Mbps 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  White Balance Auto/Manual  Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Noise Reduction 2D/3D DNR  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Lens	
Focal Length 3.6 ~ 11 mm  F Number F1.3  Angle of View H: 114.6°~48.3°, V: 59°~27.1°  Video  Streaming Capability 3 Streams  Stream1: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream2: D1, VGA, CIF, QVGA @ 25/30fps Stream2: 100kbps~61Mbps Stream2: 100kbps~61Mbps Stream2: 100kbps~3Mbps  Region of Interest Off/On (8 Zone, Rectangle)  Smart Encode Support  Image  Image Adjustment Brightness/Sharpness/Contrast/Saturation adjustable  Aisle Mode Support  White Balance Auto/Manual  Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Noise Reduction 2D/3D DNR  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Lens Type	Motorized focus
F Number F1.3  Angle of View H: 114.6°~48.3°, V: 59°~27.1°  Video  Streaming Capability 3 Streams  Stream/Frame Rate Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream2: D1, VGA, CIF, QVGA @ 25/30fps Stream3: 100kbps~12Mbps Stream2: 100kbps~12Mbps 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  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Iris	Fixed Iris
Video  Streaming Capability  Stream1: 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  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  White Balance  Auto/Manual  Day/Night Setting  Auto, Day, Night, Time  Smart Illumination  Support  Wide Dynamic Range  True WDR  Image Enhancement  HLC, BLC, Defog  S/N Ratio  Support	Focal Length	3.6 ~ 11 mm
Streaming Capability  Stream1: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps  Bit Rate Control  CBR/VBR  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  White Balance  Auto/Manual  Day/Night Setting  Auto, Day, Night, Time  Smart Illumination  Support  Noise Reduction  2D/3D DNR  Wide Dynamic Range  True WDR  Image Enhancement  HLC, BLC, Defog  S/N Ratio  Support	F Number	F1.3
Streaming Capability  Stream1: 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  Stream1: 200kbps~12Mbps Stream2: 100kbps~3Mbps Stream3: 100kbps~3Mbps 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  White Balance  Auto/Manual  Day/Night Setting  Auto, Day, Night, Time  Smart Illumination  Support  Wide Dynamic Range  True WDR  Image Enhancement  HLC, BLC, Defog  S/N Ratio  Support	Angle of View	H: 114.6°~48.3°, V: 59°~27.1°
Stream/Frame Rate  Stream/Frame Rate  Stream: 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps  Bit Rate Control  CBR/VBR  Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps  Region of Interest  Off/On (8 Zone, Rectangle)  Smart Encode  Support  Image  Image  Image Adjustment  Brightness/Sharpness/Contrast/Saturation adjustable  Aisle Mode  Support  White Balance  Auto/Manual  Day/Night Setting  Auto, Day, Night, Time  Smart Illumination  Support  Noise Reduction  2D/3D DNR  Wide Dynamic Range  True WDR  Image Enhancement  HLC, BLC, Defog  S/N Ratio  Support	Video	
Stream/Frame Rate  1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps  Bit Rate Control  CBR/VBR  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  White Balance  Auto/Manual  Day/Night Setting  Auto, Day, Night, Time  Smart Illumination  Support  Noise Reduction  2D/3D DNR  Wide Dynamic Range  Image Enhancement  HLC, BLC, Defog  S/N Ratio  Support	Streaming Capability	3 Streams
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  Wide Dynamic Range  True WDR  Image Enhancement  HLC, BLC, Defog  S/N Ratio  Support	Stream/Frame Rate	1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps
Bit Rate 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  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Bit Rate Control	
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  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Bit Rate	Stream2: 100kbps~6Mbps
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  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Region of Interest	Off/On (8 Zone, Rectangle)
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         Wide Dynamic Range       True WDR         Image Enhancement       HLC, BLC, Defog         S/N Ratio       55dB         Motion Detection       Support	Smart Encode	Support
Aisle Mode Support Mirror Support White Balance Auto/Manual Day/Night Setting Auto, Day, Night, Time Smart Illumination Support Noise Reduction 2D/3D DNR Wide Dynamic Range True WDR Image Enhancement HLC, BLC, Defog S/N Ratio 55dB Motion Detection Support	Image	
Mirror Support  White Balance Auto/Manual  Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Noise Reduction 2D/3D DNR  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Image Adjustment	Brightness/Sharpness/Contrast/Saturation adjustable
White Balance Auto/Manual  Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Noise Reduction 2D/3D DNR  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Aisle Mode	Support
Day/Night Setting Auto, Day, Night, Time  Smart Illumination Support  Noise Reduction 2D/3D DNR  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Mirror	Support
Smart Illumination Support  Noise Reduction 2D/3D DNR  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	White Balance	Auto/Manual
Noise Reduction 2D/3D DNR  Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Day/Night Setting	Auto, Day, Night, Time
Wide Dynamic Range True WDR  Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Smart Illumination	Support
Image Enhancement HLC, BLC, Defog  S/N Ratio 55dB  Motion Detection Support	Noise Reduction	2D/3D DNR
S/N Ratio 55dB  Motion Detection Support	Wide Dynamic Range	True WDR
Motion Detection Support	Image Enhancement	HLC, BLC, Defog
	S/N Ratio	55dB
Privacy Masking Support	Motion Detection	Support
	Privacy Masking	Support

Smart Event		
Multi-Object Detection	Support face, human, vehicle detection and capture	
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, 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, chrome,="" edge<="" firefox,="" microsoft="" td=""></ie11,>	
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	1ch Input, 1ch Output	
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 + Plastic	
Dimensions	φ 140 × 119.2 mm ( φ 5.5 × 4.69 inch)	
Net Weight	0.9 kg (1.98 lb)	

### **Dimensions (mm)**





#### **Accessories**

#### Optional:



SN-CBK645D Junction Box



SN-CBK502 Wall Mount



SN-CBK206 Pendant Cap



SN-CBK101 Pole Mount



SN-CBK402 Pendant Mount



SN-CBK102 Corner Mount



SN-CBK501 Wall Mount