



2026

DSI/Sunell Product Introduction

www.dsibenelux.nl

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We are entrepreneurs and think along with the entrepreneurs

Started from an attic room in 2012 and has now grown into one of the high-quality CCTV suppliers in the Benelux. Going for quality at the best price and running old-fashioned for our customers, as if our lives depend on it. That is our philosophy. And then the customers and the profit will come naturally. Because we are not a charitable institution. We also want to make a profit. But profit from fair trade. Just like the bakery on the corner. Work following rules out there. DSI is ISO9001 certified and we are also aiming to be ISO27001 certified by the end of 2026.

We are people people. Loving people and working with people

Advisors: our Product Specialist is available for you throughout the entire project, from advice to delivery. Very easy. a point of contact for the entire project (Single Point of Contact)
Technology: our technicians help the advisors with any programming of the cameras, storage media and software. This saves a lot of work on location, they take care of the integration between third parties. In recent years we have carried out more than 600 integrations. from the well-known VMS packages to links with ERP and logistics systems are standard. If the integration is not there, we will make it for the customer.
Certifications: as a company we are ISO9001 certified and work according to the TAPA rules, among other things. Our technicians are all specialists in their field. They have mastered everything from Cisco CCNA, LINUX, RedHat, Aries V, Microsoft MCSA to Java. Every employee is regularly screened by third parties and has a Certificate of Good Conduct (VOG).

Products. That's often what it's about. Know what you're buying.

Production: all our cameras are assembled in Sunell's factories in Vietnam, Taiwan and Germany. As soon as they are ready, they are transported to Leipzig where our own firmware is read. With a delivery rate of 98.7%, you can safely say that the stock is in good shape. All deliveries are delivered free of charge in Europe. Certifications: all our cameras are produced lead-free and consist of more than 55% recycled material. In addition to the standard CE and FCC certifications (which others also have), our cameras also have the following certifications: NDAA - FIPS140-2 UL - TuV - GS - VDS - LGC - DGUV - and RoHs. Warranties: every Camera and /or NVR is supplied with a full 7-year warranty.

Doing business. How do we do that?

We run for you as if our lives depend on it. Not taking action is strange to us. That is why we would like to make the following concrete promises to you. You can pay us for this. We are real specialists. CCTV, CCTV and more CCTV is what we go for.

- **Reply to your email within one working day.** But if possible, sooner. Someone will be on the phone for you.
- **Directly on the phone with a real person:** Astrid, Maaïke, Roger, Bert or another equally friendly and helpful colleague.
- **Fair trade.** No costs 'on the side of the paper'. Fair value for fair prices. Just like the bakery around the corner.
- **Call the director if you wish.** Because our management is not in an ivory tower, but simply stands and sits on the work floor.
- **Money back guarantee.** Are you not satisfied? Are we doing something wrong? So no costs or hassle if you want to get rid of your money.
- **No frills.** You will have to arrange that golf clinic yourself. And tickets for that concert too. No 11 free. No false intimacy. Low prices;
- **The human touch.** We make plenty of mistakes, so we can imagine that you make one too. If we can imagine that you missed something, we will be lenient. Your satisfaction is important. Do you have a complaint? Then unfortunately this was not successful, our sincere apologies for that. We take your complaints and comments very seriously and refer you to our complaints procedure.
- **Innovative.** Doing business and therefore being innovative. No, it doesn't exist. There is always a solution. whether it is an integration into an ERP system or connection with a PSIM package. everything is possible. If you have any special wishes or questions, please share them with us.
- **Corporate Social Responsibility.** Hybrid vehicles, no paperwork, recycled materials and the two factories that run on sun, wind and water. Working from home and helping customers remotely as much as possible via the extra secured accesses provided for this purpose.



Onze Certificeringen



CE

FCC

RCM

BSMI

UL

FIPS140-2

TUV

GS

VDS



EAC

KC

C-tick

TAPA



RoHS



NDA A Compliant



LGC



DGUV



CNPP



Proud of our Products

We are proud of the quality of our products and can say from experience that they are both reliable and safe. In addition to our own extensive testing, we have also had our products evaluated by independent third parties. We have thoroughly researched which certifications are relevant within our field. These certifications guarantee the safety of our products, as both the firmware and software have been tested by external parties. Our products comply with global standards and specific requirements within various segments. In short, you can trust the reliability and safety of our products. We sincerely believe in the high quality of Sunell products and stand behind every product we deliver.

Basic Cybersecurity Measures within DSI/Sunell

- **Establish risk management:** Ensure sufficient resilience without hindering business operations or incurring unnecessary costs.
- **Apply strong authentication .** Authentication is the technology a system uses to identify a user.
- **Control access.** Only grant access to necessary information, systems, and locations.
- **Use encryption.** Encrypting company information renders data unusable if it falls into the hands of attackers.
- **Protect against data loss .** Backup policies should include requirements for storing and protecting data.
- **Establish patch management.** A process for identifying, testing, and installing software updates.
- **Centralize and analyze log information.** Log files play a key role in detecting attacks and handling incidents.

Real NDA A Compliant controlled by 3rd Parties

- All Sunell outdoor cameras are made of Dillux metal from Germany;
- Powder coatings are from Sikkens Rubbol paint from the Netherlands;
- Visual lenses are from Tamron from Japan and Germany;
- Thermal lens is Ophir Optronics from Israel;
- The SOC is from NXP for the cameras and an NXP MX27 and for the NVRs this is a Texas Instruments from the USA;
- CCD sensor is from Sony IMX335 from Japan;
- Poe board and Power supply are from AA EON from Poland;

Certificates

- **NDA A Compliant:** The product does not contain any Chinese components.
- **FIPS140-3:** The US government grants permission to supply to the USA based on certifications and the NDA A. Many European companies are adopting this measure.
- **RoHS:** This EU directive aims to reduce the use of six substances (lead, mercury, cadmium, chromium VI, PBB, and PBDE) in the electronics industry.
- **CE-FCC:** This certificate is issued by a supplier based on a number of basic rules.
 - UL: This American certificate stands for Universal Laboratories and guarantees a high level of security in the field of electronic products and components.
- **TUV:** This German certificate guarantees the end user that the quality, durability, ergonomics, and interfaces are safe and user-friendly.
- **LGC Forensic:** The recorded images from a Sunell solution are safe, reliable, and cannot be manipulated by third parties.
- **DGUV:** A European certificate issued by a European bank if the camera solution meets the requirements of European banks.
- **DIN Standard:** German standard for transport and logistics solutions. Sunell solutions can be safely integrated into both logistics and transport solutions;
- **NEN Standard:** Dutch Certificate for the logistics and transport industry.
- **VDS:** International Security Certificate coming from Germany
- **CNPP:** The CNPP certificate is a French certification that guarantees compliance with security system standards.
- **MRF:** This certifies that we are committed to sustainable business practices with (verifiable) care for safety, the environment, and working conditions. Independent external experts assess Riwald Recycling's compliance with the quality mark requirements annually.
- **MIL-STD810:** The military test (MIL tests), or MIL-STD-810 tests, are built to test products designed for use in extreme conditions. Manufacturers of this type of equipment and products must ensure that the product is actually suitable for extreme conditions. Often, equipment manufacturers require test standards for components and products, such as MIL-STD-810 tests.



NETWORK CAMERAS

Active Deterrence Series

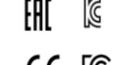
- Deep learning algorithm, accurate detection
- Real-time sound and light deterrence, customized audio, flexible control
- Unattended, eliminate security risks
- Support Face, Human, Vehicle Detection
- Smart Events: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting

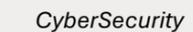


 Deep Learning Algorithm	 Human/Vehicle Detection	 Smart Event	 Starlight	 Sound and Light Alarm
 True WDR	 Two-way Audio	 Alarm In/Out	 Memory Slot	

Active Deterrence Series

Model	SNIPR8080DQAAZ	
Appearance	 NightHawk Red & Blue 3 in 1	 TAA NDA
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5mm/F1.6 (Motorized)	  
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.9°	  
Day and Night	ICR	   
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
IR Distance	Up to 40m (131.2 ft)	Accessoires
Max. Resolution	3840x2160 (8MP)	 
Frames Per Second	25/30fps@ 8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

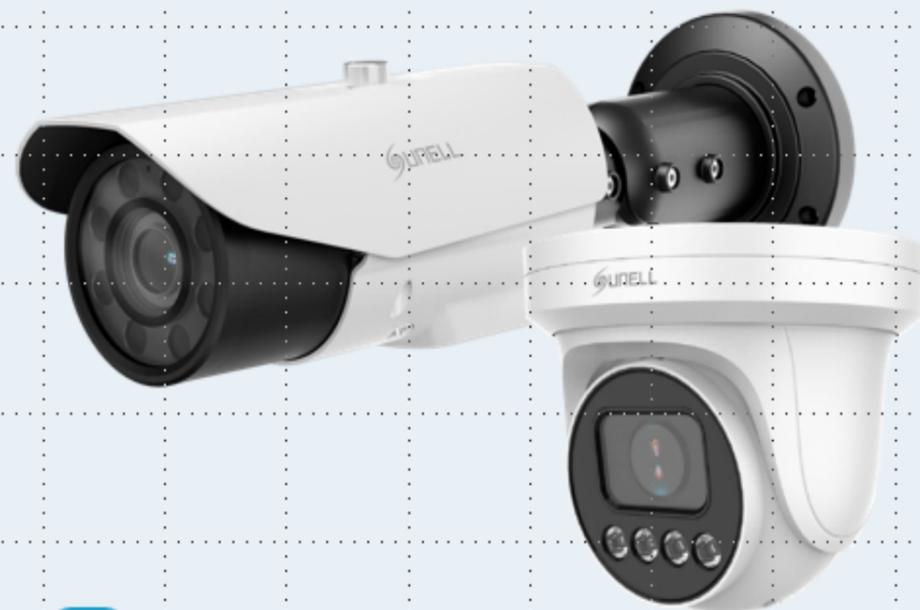
Model	SNIPR8080DQAFZ	
Appearance	 NightHawk Red & Blue 3 in 1	 TAA NDA
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5mm/F1.6 (Motorized)	  
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.9°	  
Day and Night	ICR	   
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
IR Distance	Up to 40m (131.2 ft)	Accessoires
Max. Resolution	3840x2160 (8MP)	 
Frames Per Second	25/30fps@ 8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

Model	SNIPV7180HNBZ	
Appearance	 3 in 1	 TAA NDA
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5mm/F1.6 (Motorized)	  
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.9°	  
Day and Night	ICR	   
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
IR Distance	Up to 40m (131.2 ft)	Accessoires
Max. Resolution	3840x2160 (8MP)	 
Frames Per Second	25/30fps@ 8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

Model	SNIPR8080CQAAZ	
Appearance	 NightHawk Red & Blue 3 in 1	 TAA NDA
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5mm/F1.6 (Motorized)	  
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.9°	  
Day and Night	ICR	   
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
IR Distance	Up to 40m (131.2 ft)	Accessoires
Max. Resolution	3840x2160 (8MP)	 
Frames Per Second	25/30fps@ 8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

NETWORK CAMERAS

Ultra Series



- Excellent image visual experience; equipped with professional intelligent analysis, can achieve accurate alarm in complex environment
- Meets the professional security surveillance industry requirements
- Support Face, Human, Vehicle Detection and Capture
- Smart Events: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting



Model	SNIPR8090AKANZ	
Appearance		
Image sensor	1/1.7" STARVIS™ CMOS	
Lens	4.1 to 12.8 mm/F1.53 to F3.3 (Motorized, Auto Iris)	Certificaten:
FOV-H	H: 93.8° to 34°, V: 70.1° to 25.8°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.001Lux @ (F1.2, AGC ON), B/W: 0Lux with IR on	
WDR	True WDR	CyberSecurity
IR Distance	Up to 60 m (196.9 ft)	• FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading
Max. Resolution	4000 × 3000 (12MP)	Accessoires
Frames Per Second	25fps @12MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic, With -S: Built-in Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP66, IK10	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/24 VAC/PoE (802.3af)	
Product Size	φ110 × 356.3 mm	

Model	SNIPR8084AKANZ	
Appearance		
Image sensor	1/1.8" STARVIS™ CMOS	
Lens	3.6 to 11 mm/F1.3 (Motorized, DC Iris)	Certificaten:
FOV-H	H: 112.6° to 47.9°, V: 58.2° to 26.8°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with IR on	
WDR	True WDR	CyberSecurity
IR Distance	Up to 70 m (229.7 ft)	• FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading
Max. Resolution	3840 × 2160 (8MP)	Accessoires
Frames Per Second	25/30fps @8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic, With -S: Built-in Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP66, IK10	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ110 × 356.3 mm	

ULTRA CAMERA FACEREGONITION

Model	SNIPR8084DQASVZ
Appearance	 
Image sensor	1/2.8" STARVIS™ CMOS
Lens	3.6 to 11 mm/F1.3
FOV-H	H: 113.4° to 48.9°, V: 59° to 26.6°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)
WDR	True WDR
IR Distance	Up to 60 m (196.9ft)
Max. Resolution	2592 × 1520 (4MP)
Frames Per Second	50/60fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting
Audio In/Out	1/1, Built-in Mic
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 256GB
Ingress Protection	IP66
Operating Temperature	-40° C to 55° C (-40° F to 131° F)
Power	12 VDC/PoE (802.3af)
Product Size	303 × 100 × 107 mm

NDA Compliance



Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



Model	SNIPR8084HDASZ
Appearance	 
Image sensor	1/1.8" STARVIS™ CMOS
Lens	3.6 to 11 mm /f1.3
FOV-H	H: 113.4° to 48.9°, V: 59° to 26.6°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on
WDR	True WDR
IR Distance	IR up to 40 m (131.2 ft) Warm light up to 30 m (98.4 ft)
Max. Resolution	3840 × 2160 (8MP)
Frames Per Second	25/30fps @8MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting
Audio In/Out	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 256GB
Ingress Protection	IP66
Operating Temperature	-40° C ~55° C (-40° F ~131° F)
Power	12 VDC/PoE (802.3af)
Product Size	Φ140 × 119.2 mm

NDA Compliance



Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



NETWORK CAMERAS

Pro Series

- Various light types: infrared, full color, dual light
- Multiple product structures, with rich external interfaces
- Excellent image quality, advanced deep learning intelligent algorithm, high quality and can be widely used in a variety of scenes
- Support Face, Human, Vehicle Detection and Capture
- Smart Events: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting




Deep Learning Algorithm


Human/Vehicle Detection


People Counting


Starlight


2MP-8MP


Smart Event


True WDR


Two-way Audio


Alarm In/Out


Memory Slot

PRO Series

Model	SNIPR8080DQANZ	
Appearance	 NightHawk	
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5 mm / F1.6	
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.8°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	
IR Distance	Up to 60m (196.9 ft)	CyberSecurity
Max. Resolution	3840 × 2160 (8MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps @8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107mm	SNCBK627B SNCBK102

Model	SNIPR8080AKANZ	
Appearance	 NightHawk	
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5 mm, 5 to 50 mm optional (Motorized)	
FOV-H	2.7 to 13.5 mm, H: 102.7° to 30.2°, V: 53.8° to 16.8° 5 to 50 mm, H: 50.5° to 8.4°, V: 27.5° to 4.8°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	
IR Distance	2.7 to 12mm: Up to 60 m (196.9 ft) 5 to 50mm: Up to 100 m (328.1 ft)	CyberSecurity
Max. Resolution	3840 × 2160 (8MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps @8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	Accessoires
Ingress Protection	IP67, IK10	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ110 × 353.3mm	SNCBK627B SNCBK102

Model	SNIPR8080CBANZ	
Appearance	 NightHawk	
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5mm/F1.6 (Motorized)	
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.9°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	
IR Distance	Up to 40m (131.2 ft)	CyberSecurity
Max. Resolution	3840x2160 (8MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps@ 8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	SNCBK627B SNCBK102

Model	SNIPR8080EGARB	
Appearance		
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.8mm/F2.0	
FOV-H	H: 103.3°, V: 55.7°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	
IR Distance	Up to 15m (49.2 ft)	CyberSecurity
Max. Resolution	3840 × 2160 (8MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps @8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	Accessoires
Ingress Protection	-	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	99.6 × 99.6 × 62.5 mm	SNCBK647 SNCBK382A

PRO Series

Model	SNIPR8080EDARZ	
Appearance		  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5 mm/F1.6 (Motorized)	     
FOV-H	H: 102.7° to 30.2° , V: 53.8° to 16.8°	  
Day and Night	ICR	  
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	CyberSecurity
WDR	True WDR	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
IR Distance	Up to 40m (131.2 ft)	Accessoires
Max. Resolution	3840 × 2160 (8MP)	 
Frames Per Second	25/30fps @8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	
Ingress Protection	IP66, IK10	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ130 × 113 mm	

Model	SNIPR8080HCANB	
Appearance		  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.8 mm/F2.0	     
FOV-H	2.8 mm, H: 103.3° , V: 55.7°	  
Day and Night	ICR	  
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	CyberSecurity
WDR	True WDR	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
IR Distance	Up to 30m (98.4 ft)	Accessoires
Max. Resolution	3840 × 2160 (8MP)	 
Frames Per Second	25/30fps @8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ118.2 × 93.9 mm	

Model	SNIPR808HDANZ	
Appearance		  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7~13.5mm/F1.6 (Motorized)	     
FOV-H	H: 98.3° to 27.5° , V: 71.3° to 20.3°	  
Day and Night	ICR	  
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON) B/W: 0 Lux with IR	CyberSecurity
WDR	True WDR	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
IR Distance	Up to 40m (131.2 ft)	Accessoires
Max. Resolution	3840×2160 (8MP)	 
Frames Per Second	25/30fps@ 8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

Model	SNIPR808CQANZ	
Appearance		  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7~13.5mm/F1.6 (Motorized)	     
FOV-H	H: 98.3° to 27.5° , V: 71.3° to 20.3°	  
Day and Night	ICR	  
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON) B/W: 0 Lux with IR	CyberSecurity
WDR	True WDR	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
IR Distance	Up to 40m (131.2 ft)	Accessoires
Max. Resolution	3840×2160 (8MP)	 
Frames Per Second	25/30fps@ 8MP	 
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ140 × 119.2mm	

NETWORK CAMERAS

Panoramic Series

- 180° , 360° Full-Scene Surveillance
- Multi-View Dewarping Modes
- Ultra HD Image Clarity
- IR Night Vision & Edge Storage
- Smart Events: Intrusion, Single / Double Line Crossing, Loitering, Wrong-way, Illegal Parking, Enter Area, Leave Area, Smart Motion Detection and People Counting



Deep Learning Algorithm	Human/Vehicle Detection	People Counting	Heat Map
Smart Event	Two-way Audio	Alarm In/Out	Memory Slot

Panoramic Series

Model	SNIPP8087RARVZ	
Appearance		
Image sensor	Four 1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5 mm (Motorized)	
FOV-H	H: 108.0° to 31.4° , V: 56.1° to 17.6°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @(F1.6, AGC ON), 0 Lux with IR on	
WDR	True WDR	
IR Distance	Up to 40 m (131.2 ft)	
Max. Resolution	3840 × 2160 (8MP)	
Frames Per Second	25/30fps @ 8MP	
Smart Function	Support human and vehicle detection and capture. Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting, smart motion detection and heat map	
Audio In/Out	1/1, Built-in Mic	Accessoires
Alarm In/Out	4/2	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP67, IK10	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/PoE+ (802.3at)	
Product Size	Φ282 × 206.3 mm	

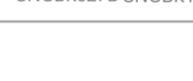
Model	SNIPP8058RARVZ	
Appearance		
Image sensor	Four 1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5 mm (Motorized)	
FOV-H	H: 95.6° to 26.9° , V: 65.4° to 20.5°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @(F1.6, AGC ON), 0 Lux with IR on	
WDR	True WDR	
IR Distance	Up to 40 m (131.2 ft)	
Max. Resolution	2592 × 1944 (5MP)	
Frames Per Second	25/30fps @ 5MP	
Smart Function	Support human and vehicle detection and capture. Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting, smart motion detection and heat map	
Audio In/Out	1/1, Built-in Mic	Accessoires
Alarm In/Out	4/2	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP67, IK10	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/PoE+ (802.3at)	
Product Size	Φ282 × 206.3 mm	

Panoramic Series

Model	SNIPP8085QASB	
Appearance		 
Image sensor	Dual 1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.8 mm/F1.6	
FOV-H	H: 185.8°, V: 65.3°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @(F1.6, AGC ON), 0 Lux with Light on	CyberSecurity
WDR	True WDR	
IR Distance	IR up to 30 m (98.4 ft) Warm light up to 20 m (65.6 ft)	
Max. Resolution	4608 × 1728 (8MP)	
Frames Per Second	15fps @ 8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	<ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 1 TB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-30° C to 60° C (-22° F to 140° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	227.7 × 110 × 80 mm	SNIP627B SNIP102

Model	SNIPP8086QASB	
Appearance		 
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.8 mm/F1.6	
FOV-H	H: 180°, V: 63°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	CyberSecurity
WDR	True WDR	
IR Distance	Up to 30m (98.4 ft)	
Max. Resolution	3840 × 2160 (8MP)	
Frames Per Second	25/30fps @8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	<ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading
Audio In/Out	1/1, Built-in Mic	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ118.2 × 93.9 mm	SNIP627B SNIP102

Model	SNIPP8086MEACB	
Appearance		 
Image sensor	Dual 1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.4 mm/F1.6	
FOV-H	H: 192.4°, V: 80.2°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @(F1.6, AGC ON), 0 Lux with Light on	CyberSecurity
WDR	True WDR	
IR Distance	IR up to 30 m (98.4 ft) Warm light up to 20 m (65.6 ft)	
Max. Resolution	4224 × 1848 (8MP)	
Frames Per Second	25/30fps @ 8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	<ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 1 TB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	Φ140 × 119.2 mm	SNIP627B SNIP102

Model	SNIPP8056MEACB	
Appearance		 
Image sensor	Dual 1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.4 mm/F1.6	
FOV-H	H: 192.4°, V: 80.2°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @(F1.6, AGC ON), 0 Lux with IR on	CyberSecurity
WDR	True WDR	
IR Distance	Up to 40 m (131.2 ft)	
Max. Resolution	2592 × 1944 (5MP)	
Frames Per Second	25/30fps @ 5MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	<ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 1 TB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	Φ140 × 119.2 mm	SNIP627B SNIP102

Panoramic Series

Fisheye Camera	
Model	SNIPV8088ECARB
Appearance	  
Image sensor	1/1.7" STARVIS™ CMOS
Lens	1.8 mm/F2.4
FOV-H	H: 180°, V: 180°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.01Lux @(F2.4, AGC ON), B/W: 0.001Lux @(F2.4, AGC ON), 0Lux with IR
WDR	DWDR
IR Distance	Up to 15 m (49.2ft)
Max. Resolution	4000 × 3000 (12MP)
Frames Per Second	25fps @12MP
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting
Audio In/Out	1/1, Built-in Mic
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 1TB
Ingress Protection	IP66
Operating Temperature	-30° C to 60° C (-22° F to 140° F)
Power	12 VDC/PoE (802.3af)
Product Size	Φ130 × 38.3 mm

Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



Fisheye Camera	
Model	SNIPV8060CARB
Appearance	  
Image sensor	1/2.8" STARVIS™ CMOS
Lens	1.5 mm/F2.0
FOV-H	H: 180°, V: 180°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON), 0Lux with IR
WDR	True WDR
IR Distance	Up to 15 m (49.2ft)
Max. Resolution	2560 × 2560 (6MP)
Frames Per Second	25/30fps @6MP
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting
Audio In/Out	1/1, Built-in Mic
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 1TB
Ingress Protection	IP66
Operating Temperature	-30° C to 60° C (-22° F to 140° F)
Power	12 VDC/PoE (802.3af)
Product Size	Φ130 × 38.3 mm

Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



180° Panoramic Cameras	
Model	SNIPR8152KKACB
Appearance	  
Image sensor	1/2.7" CMOS
Lens	1.6mm/F2.0 (Fixed)
FOV-H	H: 180°, V: 100°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light
WDR	True WDR
IR Distance	IR: up to 25 m (80.02 ft) Warm light: up to 25 m (80.02 ft)
Max. Resolution	2880 × 1620 (5MP)
Frames Per Second	25/30fps @ 5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting
Audio In/Out	Built-in Mic and Speaker
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 1 TB
Ingress Protection	IP66
Operating Temperature	-30° C to 60° C (-22° F to 140° F)
Power	12 VDC/PoE (802.3af)
Product Size	Φ73 × 170.2 mm

Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



180° Panoramic Cameras	
Model	SNIPV8152MCACB
Appearance	  
Image sensor	1/2.7" CMOS
Lens	1.6mm/F2.0 (Fixed)
FOV-H	H: 180°, V: 100°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light
WDR	True WDR
IR Distance	IR: up to 25 m (80.02 ft) Warm light: up to 25 m (80.02 ft)
Max. Resolution	2880 × 1620 (5MP)
Frames Per Second	25/30fps @ 5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting
Audio In/Out	Built-in Mic and Speaker
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 1 TB
Ingress Protection	IP66
Operating Temperature	-30° C to 60° C (-22° F to 140° F)
Power	12 VDC/PoE (802.3af)
Product Size	Φ110 × 93.9 mm

Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



ANPR

Global Shutter



- 9MP GMOS
- C/CS mount
- 60fps
- RS485
- RS232
- Alarm out
- 6.8 Tops



Type	SUV
Color	Blue
Brand	BMW
SPEED	180km/h
LP/INP	WOBZK295

High Way

NETWORK CAMERAS

ANPR Series

- Intelligent AI-powered LPR Algorithm
- 60fps High Frame Rate
- Black & White List
- Wiegand Protocol for Access Control System



LPR



Up to 120km/h



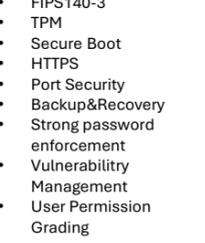
4MP@60fps



10 to 50mm
8 to 32mm

ANPR CAMERA

Model	SNIPR8045DQANTZ	
Appearance		
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.7 to 13.5 mm/F1.6	
FOV-H	H: 98.4° to 28.1°, V: 55.1° to 16.6°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	CyberSecurity
WDR	True WDR	
IR Distance	Up to 60 m (196.9ft)	Accessoires
Max. Resolution	2592 × 1520 (4MP)	
Frames Per Second	50/60fps @4MP 60KM/H	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

Model	SNIPR8045DQANTVZ	
Appearance		
Image sensor	1/1.8" STARVIS™ CMOS	Certificaten:
Lens	5 to 50 MM/F.2.0	
FOV-H	H: 46.8° to 7.7°, V: 34.5° to 5.8°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.03Lux @(F1.6, AGC ON)	CyberSecurity
WDR	True WDR	
IR Distance	2.7 to 13.5mm: Up to 60m (196.9ft) 5 to 50mm: Up to 100m (328.1ft)	Accessoires
Max. Resolution	2592 × 1520 (4MP)	
Frames Per Second	50/60fps @4MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	Without -S: 1/1 With -S: 1/1, Built-in Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256GB	
Ingress Protection	IP66, IK10	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ110 × 356.3 mm	

Model	SNIPR8047AKANSTP10	
Appearance		
Image sensor	1/1.8" STARVIS™ CMOS	Certificaten:
Lens	8 to 32 mm,	
FOV-H	8 to 32 mm, H: 41.1° to 14°, V: 23° to 7.9°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.0025 Lux @(F1.2, AGC ON), B/W: 0.0005 @(F1.2, AGC ON), 0 Lux with IR on	CyberSecurity
WDR	True WDR	
IR Distance	8 to 32 mm: Up to 80 m (262.5 ft)	Accessoires
Max. Resolution	2688 × 1520 (4MP)	
Frames Per Second	50/60fps @ 4MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/2	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP66, IK10	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	φ110 × 356.3 mm	

Model	SNIPR8047AKNSTP50	
Appearance		
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	5 to 50 mm	
FOV-H	5 to 50 mm, H: 51.2° to 7.8°, V: 29.4° to 4.6°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	CyberSecurity
WDR	True WDR	
IR Distance	10 to 50 mm: Up to 120 m (393.7 ft)	Accessoires
Max. Resolution	2592 × 1520 (4MP)	
Frames Per Second	50/60fps @4MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

Personal Protective Equipment (PPE) Detection

Prevent Workplace Injuries and Occupational Hazards with Real-time PPE Detection



- ✓ Safety Helmet
- ✓ Safety Clothing



MAN DOWN/PPE NETWORK CAMERAS

Model	SNIPR8084HDARZVZPPE	
Appearance		MAN DOWN PPE
Image sensor	1/1.8" STARVIS™ CMOS	NDA A Compliance
Lens	3,6~11mm/F1.6 (Motorized)	
FOV-H	H: 98.3° to 27.5°, V: 71.3° to 20.3°	Certificaten:
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	CyberSecurity
IR Distance	Up to 40m (131.2 ft)	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
Max. Resolution	3840x2160 (8MP)	Accessoires
Frames Per Second	25/30fps@ 8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting MAN DOWN PPE	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	

Model	SNIPR8084DQAWBSPPE	
Appearance		MAN DOWN PPE
Image sensor	1/2.8" STARVIS™ CMOS	NDA A Compliance
Lens	2.7 to 13.5mm/F1.6 (Motorized)	
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.9°	Certificaten:
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	CyberSecurity
IR Distance	Up to 40m (131.2 ft)	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
Max. Resolution	3840x2160 (8MP)	Accessoires
Frames Per Second	25/30fps@ 8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting MAN DOWN PPE	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)	
Power	12 VDC/PoE (802.3af)	
Product Size	303 × 100 × 107 mm	



Model	SNMNC8056KBA1C2P	
Appearance		
Image sensor	1/1.8" STARVIS™ CMOS	Certificaten:
Lens	2.8/3.7 mm fixed lens	
FOV-H	2.8 mm: - H: 87.2°, V: 60.6° 3.7 mm: - H: 71°, V: 50.2°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON) B/W: 0 Lux with IR	
WDR	True WDR	
IR Distance	N/A	CyberSecurity
Max. Resolution	2592 x 1944 (5MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps@ 5MP	
Smart Function	Support face, human and vehicle detection and capture Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, Illegal parking, smart motion detection and people counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	Accessoires
Ingress Protection	IP55	
Operating Temperature	-30°C to 55°C (-22°F to 131°F)	
Power	12 VDC (-15% to +25%)/PoE (802.3af)	
Product Size	Camera: φ30 × 22.9 mm (φ1.18 × 0.9 inch) Main body: 86.0 × 75.1 × 33.5 mm (3.39 × 2.96 × 1.32 inch)	

Model	SNMNC8046KBA1C2P	
Appearance		
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	2.8 mm fixed lens	
FOV-H	H: 102.7° to 30.2°, V: 53.8° to 16.9°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	True WDR	
IR Distance	N/A	CyberSecurity
Max. Resolution	2592 X 1520 (4MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps@ 4MP	
Smart Function	Support face, human and vehicle detection and capture Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, Illegal parking, smart motion detection and people counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 256 GB	Accessoires
Ingress Protection	IP55	
Operating Temperature	-30°C to 55°C (-22°F to 131°F)	
Power	12 VDC (-15% to +25%)/PoE (802.3af)	
Product Size	Camera: φ30 × 22.9 mm (φ1.18 × 0.9 inch) Main body: 86.0 × 75.1 × 33.5 mm (3.39 × 2.96 × 1.32 inch)	



5" SMART FULL-COLOUR CAMERA

Model	SNIPS8655PDSZ30	
Appearance		
Image sensor	Overview channel: 1/1.8" CMOS; Detail channel: 1/2.8" CMOS	Certificaten:
Lens	Panorama: 2.8 mm / 4mm; Detail: 5.3 to 159 mm	
FOV-H	Panorama: 2.8 mm, H: 112°, V: 60°; 4 mm, H: 88.7°, V: 48.2°; Detail: H: 56.8° to 2.6°, V: 42.7° to 2.0°	
Day and Night	ICR	
Min. Illumination(lux)	Panorama: 0.0001 lux@F1.0 (Color) 0.00005 lux@F1.0 (B/W) Detail: 0.005 lux@F1.6 (Color) 0.0005 lux@F1.6 (B/W)	
WDR	True WDR	
IR Distance	IR: Up to 200 m (820.21 ft) Warm lights: Up to 60 m (196.85 ft)	CyberSecurity
Max. Resolution	Panorama: 2560 × 1440 (4MP); Detail: 2560 × 1944 (5MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	Overview channel: 1/1.8" CMOS; Detail channel: 1/2.8" CMOS	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 1 TB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/POE+ (802.3at) Standard Equipped: DC36V	
Product Size	1/1, Built-in Mic and Speaker	SNCBK604B

Model	SNIPS8655YDRZ18	
Appearance		
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	5.3 to 95.4 mm, 18x optical zoom	
FOV-H	H: 56.3° to 4.7°, V: 42.5° to 3.4°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR on	
WDR	True WDR	
IR Distance	Up to 150 m (492.1 ft)	CyberSecurity
Max. Resolution	2592×1944 (5MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps @5MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 1 TB	Accessoires
Ingress Protection	IP66	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/POE+ (802.3at) Standard Equipped: DC36V	
Product Size	φ176.0 × 303.9 mm	SNCBK604B

ACTIVE DETERRENCE PTZ CAMERA

Model	SNIPS8681YDSSZ30	
Appearance		
Image sensor	1/1.8" STARVIS™ CMOS	
Lens	7 to 210 mm	
FOV-H	H: 60.0° to 2.6°, V: 36.5° to 1.5°	Certificaten:
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.0001 Lux @ (F1.6, AGC ON), 0 Lux with light on	
WDR	True WDR	
IR Distance	IR distance up to 250 m (820.21 ft)	CyberSecurity
Max. Resolution	3840 × 2160 (8MP)	
Frames Per Second	25/30fps @ 8MP	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	Accessoires
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/POE+ (802.3at) Standard Equipped: DC36V	
Product Size	φ176.0 × 303.9 mm	SNCBK604B

Model	SNIPS8655YDRZ30	
Appearance		
Image sensor	1/2.8" STARVIS™ CMOS	
Lens	5.3 to 159 mm, 30x optical zoom	
FOV-H	H: 56.8° to 2.6°, V: 42.7° to 2.0°	Certificaten:
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with light on	
WDR	True WDR	
IR Distance	IR: Up to 150 m (492.1 ft) Warm lights: Up to 50 m (164.0 ft)	CyberSecurity
Max. Resolution	2592×1944 (5MP)	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
Frames Per Second	25/30fps @5MP	Accessoires
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1	
Alarm In/Out	2/2	
Memory Slot	Built-in SD card Slot, up to 1 TB	
Ingress Protection	IP66	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/POE+ (802.3at) Standard Equipped: DC36V	
Product Size	φ176.0×303.9 mm	SNCBK604B

7" PTZ CAMERA

Model	SNIPS8681VDRZ40	
Appearance		
Image sensor	1/1.8" STARVIS™ CMOS	
Lens	6.8 to 272 mm, 40x optical zoom	
FOV-H	H: 62.0° to 2.4°, V: 36.6° to 1.3°	Certificaten:
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR on	
WDR	True WDR	
IR Distance	Up to 500 m (1640.4 ft)	CyberSecurity
Max. Resolution	3840×2160 (8MP)	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
Frames Per Second	25/30fps @8MP	Accessoires
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1	
Alarm In/Out	7/2	
Memory Slot	Built-in SD card Slot, up to 1 TB	
Ingress Protection	IP66, IK10	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/POE++ (802.3bt) Standard Equipped: DC36V	
Product Size	φ226×362.8 mm	SNCBK604B

Model	SNIPS8653WDLZ40	
Appearance		
Image sensor	1/2.8" STARVIS™ CMOS	
Lens	5.0 to 200 mm, 40x optical zoom	
FOV-H	H: 64.8° to 1.8°, V: 50.3° to 1.3°	Certificaten:
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0Lux with IR on	
WDR	True WDR	
IR Distance	Up to 600 m (1,968.5 ft)	CyberSecurity
Max. Resolution	2592×1944 (5MP)	<ul style="list-style-type: none">FIPS140-3TPMSecure BootHTTPSPort SecurityBackup&RecoveryStrong password enforcementVulnerability ManagementUser Permission Grading
Frames Per Second	25/30fps @5MP	Accessoires
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection, People counting	
Audio In/Out	1/1	
Alarm In/Out	7/2	
Memory Slot	Built-in SD card Slot, up to 1 TB	
Ingress Protection	IP66, IK10	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/POE++ (802.3bt) Standard Equipped: DC36V	
Product Size	φ226×362.8 mm	SNCBK604B



THERMAL CAMERAS

Thermal Camera Series

- Temperature measurement accuracy $\pm 2^{\circ} \text{C} \pm 2\%$ (take the greater value), temperature range can be customized
- Can be equipped with a variety of deep learning algorithms
- Ten years of technology accumulation, products are widely used in all walks of life

 Deep Learning Algorithm	 Human/Vehicle Detection	 Fire Spot Detection
 Ship Detection	 Smoking Detection	 Multiple Resolutions
 Two-way Audio	 Alarm In/Out	 Memory Slot



THERMAL BI-SPECTRUM CAMERA'S

Model	SNTPC2553CTF	
Appearance		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	
Pixel Pitch) Thermal	12µm	
Sensitivity (Thermal)	≤50mK	
Resolution Thermal	256 × 192	
Sensor	1/2.8" CMOS	
Max Resolution	2560 × 1440	
Lens	Thermal: 3.5 or 7 mm Optical: 4 to 8 mm	
Fov Thermal	3.5 mm: 48° × 36° 7 mm: 24° × 18°	
Temperature Range	-20° C to 150° C (-4° F to 302° F)	
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	1/1	
Memory Slot	Micro SD, Max. 512 GB	
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/24 VDC/PoE (802.3af)	
Product Size	φ140 × 117.8 mm	
	   Certificaten:                CyberSecurity <ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading Accessoires    	

Model	SNTPC2553DRTF	
Appearance		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	
Pixel Pitch) Thermal	12µm	
Sensitivity (Thermal)	≤40mK	
Resolution Thermal	256 × 192	
Sensor	1/2.7" CMOS	
Max Resolution	2880 × 1620	
Lens	Thermal: 3.5, 7 or 10 mm Optical: 4 to 8 mm	
Fov Thermal	3.5 mm: 48° × 36° 7 mm: 24° × 18° 10 mm: 17° × 13°	
Temperature Range	-20° C to 150° C (-4° F to 302° F)	
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Audio In/Out	1/1, Built-in Speaker	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 512 GB	
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/24 VDC/PoE (802.3af)	
Product Size	303 × 95 × 107 mm	
	   Certificaten:                CyberSecurity <ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading Accessoires  	

Model	SNTPC4233DJTF	
Appearance		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	
Pixel Pitch) Thermal	12µm	
Sensitivity (Thermal)	≤40mK	
Resolution Thermal	400 × 300	
Sensor	1/1.8" CMOS	
Max Resolution	2688 × 1520	
Lens	Thermal: 8, 15, 25, 35 or 50 mm Optical: 5 to 50 mm	
Fov Thermal	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10° 50 mm: 8° × 7°	
Temperature Range	-20° C to 150° C (-4° F to 302° F)	
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/24 VDC/PoE+ (802.3at)	
Product Size	(327.4 to 347.4) × 140.04 × 120.72 mm	
	   Certificaten:                CyberSecurity <ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading Accessoires  	

Model	SNTPC6457DLTF	
Appearance		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	
Pixel Pitch) Thermal	12µm	
Sensitivity (Thermal)	≤40mK	
Resolution Thermal	640 × 512	
Sensor	1/1.8" CMOS	
Max Resolution	2688 × 1520	
Lens	Thermal: 9, 15, 25, 35 or 50 mm Optical: 5 to 50 mm	
Fov Thermal	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10° 50 mm: 8° × 7°	
Temperature Range	-20° C to 150° C (-4° F to 302° F)	
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/24 VDC/PoE+ (802.3at)	
Product Size	(327.4 to 347.4) × 140.04 × 120.72 mm	
	   Certificaten:                CyberSecurity <ul style="list-style-type: none"> • FIPS140-3 • TPM • Secure Boot • HTTPS • Port Security • Backup&Recovery • Strong password enforcement • Vulnerability Management • User Permission Grading Accessoires  	



Model	SND2PF
Appearance	
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch) Thermal	12µm
Sensitivity (Thermal)	≤40mK
Resolution Thermal	256 × 192
Sensor	1/2.8" CMOS
Max Resolution	1600 × 1200
Lens	Thermal: 2.0 mm Optical: 2.3 mm
Fov Thermal	: 90°, V: 65°
Temperature Range	-20° C to 150° C (-4° F to 302° F) or 0 °C to 550 °C (32° F to 1022° F)
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm
Measurement Rule	3 temperature measurement rule types (spot, areas, line)
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection
Intelligent Analysis	
Audio In/Out	Built-in Mic
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 512 GB
Ingress Protection	IP67
Operating Temperature	From -30° C to 60° C (-22° F to 140° F)
Power	12 VDC/PoE (802.3af)
Product Size	55 × 36 × 118 mm

NDA
Compliance



Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires

Model	SNDPFW
Appearance	
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch) Thermal	12µm
Sensitivity (Thermal)	≤40mK
Resolution Thermal	256 × 192
Sensor	1/2.8" CMOS
Max Resolution	1600 × 1200
Lens	Thermal: 2.0 mm Optical: 2.3 mm
Fov Thermal	: 90°, V: 65°
Temperature Range	-20° C to 150° C (-4° F to 302° F) or 0 °C to 550 °C (32° F to 1022° F)
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm
Measurement Rule	3 temperature measurement rule types (spot, areas, line)
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection
Wiegand	Yes
Audio In/Out	Built-in Mic
Alarm In/Out	1/1
Memory Slot	Micro SD, Max. 512 GB
Ingress Protection	IP67
Operating Temperature	From -30° C to 60° C (-22° F to 140° F)
Power	12 VDC/PoE (802.3af)
Product Size	55 × 36 × 118 mm

NDA
Compliance



Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires

FIXED THERMAL CAMERA'S

Fixed and PTZ Thermal CAMERA



Model	SNTPC4207KTF	
Appearance		  
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	17µm	     
Sensitivity (Thermal)	≤40mK	     
Resolution Thermal	384 × 288	     
Sensor	-	     
Max Resolution	-	     
Lens	9, 15, 25, 35 or 50 mm	     
Fov Thermal	9 mm: 37° × 28°, 15 mm: 28° × 21° 25 mm: 14° × 11°, 35 mm: 10° × 8° 50 mm: 7.4° × 5.6°	     
Temperature Range	-20° C to 150° C (-4° F to 302° F), or 0° C to 550° C (32° F to 1022° F), ±2°C	CyberSecurity
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	<ul style="list-style-type: none">• FIPS140-3• TPM• Secure Boot• HTTPS• Port Security• Backup&Recovery• Strong password enforcement• Vulnerability Management• User Permission Grading
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	Accessoires
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	 
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	1/1	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	12VDC/24VAC/PoE (802.3af)	
Product Size	φ120.5 × 315.9 or 352.6 mm	

Model	SNTPC6406KTF	
Appearance		  
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	12µm	     
Sensitivity (Thermal)	≤40mK	     
Resolution Thermal	640 × 512	     
Sensor	-	     
Max Resolution	-	     
Lens	9, 15, 25, 35 or 50 mm	     
Fov Thermal	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10° 50 mm: 8° × 7°	     
Temperature Range	-20° C to 150° C (-4° F to 302° F), ±2°C	CyberSecurity
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	<ul style="list-style-type: none">• FIPS140-3• TPM• Secure Boot• HTTPS• Port Security• Backup&Recovery• Strong password enforcement• Vulnerability Management• User Permission Grading
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	Accessoires
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	 
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	1/1	
Alarm In/Out	2/2	
Memory Slot	Micro SD, Max. 512 GB	
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	12 VDC/24 VAC/PoE (802.3af)	
Product Size	φ120.5 × 315.9 or 352.6 mm	

Thermography Speed Dome Series

Model	SNTPS4157ETFM	
Appearance		  
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	12µm	  
Sensitivity (Thermal)	≤40mK	  
Resolution Thermal	384 × 288	 
Sensor	1/1.8"STARVIS™ CMOS	  
Max Resolution	2688 × 1520	
Lens	Thermal: 5, 7 or 15 mm Fixed lens Optical: 6.8 to 251 mm, 40x optical zoom	
Fov Thermal	5 mm: H: 56°, V: 40°, 7 mm: H: 44°, V: 33° 15 mm: 21° × 16°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F) or 0° C to 550° C (32° F to 1022° F), Accuracy: ±2°C / ±2%	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Human/Vehicle detection, fire point detection, smoking detection and smoke & flame detection, IVS, Cold/hot spot tracking, Human/Vehicle tracking	
Audio In/Out	1/1	Accessoires
Alarm In/Out	7/2	 
Memory Slot	Micro SD, Max. 1TB	 
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W	
Product Size	1/1	

Model	SNTPS6457ETM	
Appearance		   RADAR LINKED PTZ
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	12µm	  
Sensitivity (Thermal)	≤40mK	  
Resolution Thermal	640 × 512	 
Sensor	1/1.8"STARVIS™ CMOS	  
Max Resolution	2688 × 1520	
Lens	Thermal: 25 mm Motorized lens Optical: 6.8 to 251 mm, 40x optical zoom	
Fov Thermal	25 mm: H: 17°, V: 14°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F) or 0° C to 550° C (32° F to 1022° F), Accuracy: ±2°C / ±2%	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	-20° C to 150° C (-4° F to 302° F) or 0° C to 550° C (32° F to 1022° F), Accuracy: ±2°C / ±2%	
Intelligent Analysis	Human/Vehicle detection, fire point detection, smoking detection and smoke & flame detection, IVS, Cold/hot spot tracking, Human/Vehicle/Ship tracking	
Audio In/Out	1/1	Accessoires
Alarm In/Out	7/2	 
Memory Slot	Micro SD, Max. 1TB	 
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W	
Product Size	1/1	

Model	SNTPS6457ELTMM	
Appearance		   4G RADAR LINKED PTZ
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	12µm	  
Sensitivity (Thermal)	≤40mK	  
Resolution Thermal	640 × 512	 
Sensor	1/1.8"STARVIS™ CMOS	  
Max Resolution	2688 × 1520	
Lens	Thermal: 25 mm Motorized lens Optical: 6.8 to 251 mm, 40x optical zoom	
Fov Thermal	25 mm: H: 17°, V: 14°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F) or 0° C to 550° C (32° F to 1022° F), Accuracy: ±2°C / ±2%	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function		
Intelligent Analysis	Human/Vehicle detection, fire point detection, smoking detection and smoke & flame detection, IVS, Cold/hot spot tracking, Human/Vehicle/Ship tracking	
Audio In/Out	1/1	Accessoires
Alarm In/Out	7/2	 
Memory Slot	Micro SD, Max. 1TB	 
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W	
Product Size	1/1	

Model	SNTPS6457ELDMF	
Appearance		   4G RADAR LINKED PTZ
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	12µm	  
Sensitivity (Thermal)	≤40mK	  
Resolution Thermal	640 × 512	 
Sensor	1/1.8"STARVIS™ CMOS	  
Max Resolution	2688 × 1520	
Lens	Thermal: 9 mm Motorized lens Optical: 6.8 to 251 mm, 40x optical zoom	
Fov Thermal	9 mm: 48° × 38°, 15 mm: 32° × 26°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F) or 0° C to 550° C (32° F to 1022° F), Accuracy: ±2°C / ±2%	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	1/1	Accessoires
Alarm In/Out	7/2	 
Memory Slot	Micro SD, Max. 1TB	 
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W	
Product Size	1/1	

BI-SPECTRUM PTZ CAMERA'S

Model	SNTPT4233QFM	
Appearance		  
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	17µm	         
Sensitivity (Thermal)	≤40mK	
Resolution Thermal	400 × 300	
Sensor	1/1.8" STARVIS™ CMOS	
Max Resolution	2592 × 1520	  
Lens	Thermal: 25, 50, 75 or 100 mm Optical: 6.8 to 251 mm	
Fov Thermal	25 mm: 15.4° × 11.6°, 50 mm: 7.7° × 5.8°, 75 mm: 5.1° × 3.8°, 100 mm: 3.8° × 2.3°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	  
Audio In/Out	1/1	
Alarm In/Out	-/1	Accessoires
Memory Slot	Micro SD, Max. 512 GB	  
Ingress Protection	IP66	
Operating Temperature	From -30° C to 60° C (-22° F to 140° F)	
Power	24 VDC, Max. 40W	
Product Size	323 × 192.5 × 177 mm	

Model	SNTPT6436QFF	
Appearance		  
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	17µm	         
Sensitivity (Thermal)	≤40mK	
Resolution Thermal	640 × 512	
Sensor	1/1.8" STARVIS™ CMOS	
Max Resolution	2592 × 1520	  
Lens	Thermal: 75 or 100 mm Optical: 6.8 to 251 mm	
Fov Thermal	75 mm: 5.1° × 3.8° 100 mm: 3.8° × 2.3°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	  
Audio In/Out	1/1	
Alarm In/Out	-/1	Accessoires
Memory Slot	Micro SD, Max. 512 GB	  
Ingress Protection	IP66	
Operating Temperature	From -30° C to 60° C (-22° F to 140° F)	
Power	24 VDC, Max. 40W	
Product Size	323 × 192.5 × 177 mm	

Model	SNTPT4233LZM	
Appearance		  
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	17µm	         
Sensitivity (Thermal)	≤40mK	
Resolution Thermal	400 × 300	
Sensor	1/2.8" STARVIS™ CMOS	
Max Resolution	2592 × 1520	  
Lens	Thermal: -F: 8, 15, 25, 35 or 50 mm -M: 25 or 50 mm, Optical: 5.3 to 159 mm	
Fov Thermal	8 mm: 46° × 35.3°, 15 mm: 25.5° × 19.2° 25 mm: 15.4° × 11.6°, 35 mm: 11° × 8.3° 50 mm: 7.7° × 5.8°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	  
Audio In/Out	2/2	
Alarm In/Out	9/4	Accessoires
Memory Slot	Micro SD, Max. 512 GB	  
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	36 VDC, Max. 150W	
Product Size	594 × 350 × 337 mm	

Model	SNTPT6436LZM	
Appearance		  
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Certificaten:
Pixel Pitch) Thermal	12µm	         
Sensitivity (Thermal)	≤40mK	
Resolution Thermal	640 × 512	
Sensor	1/2.8" STARVIS™ CMOS	
Max Resolution	2592 × 1520	  
Lens	Thermal: -F: 9, 15, 25, 35 or 50 mm -M: 25 or 50 mm, Optical: 5.3 to 159 mm	
Fov Thermal	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10° 50 mm: 8° × 7°	CyberSecurity
Temperature Range	-20° C to 150° C (-4° F to 302° F)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	  
Audio In/Out	2/2	
Alarm In/Out	9/4	Accessoires
Memory Slot	Micro SD, Max. 512 GB	  
Ingress Protection	IP66	
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	
Power	36 VDC, Max. 80W	
Product Size	419 × 282 × 316 mm	



The Johnson Criterion is the field of infrared thermography used to determine the minimum resolution required to detect objects. The Johnson Criteria levels for infrared thermography are as follows:

Detection: At least 1.5 pixels are required to distinguish objects in the background and in the image.

Recognition: At least 6 pixels are required to classify objects (people, vehicles, animals, etc.).

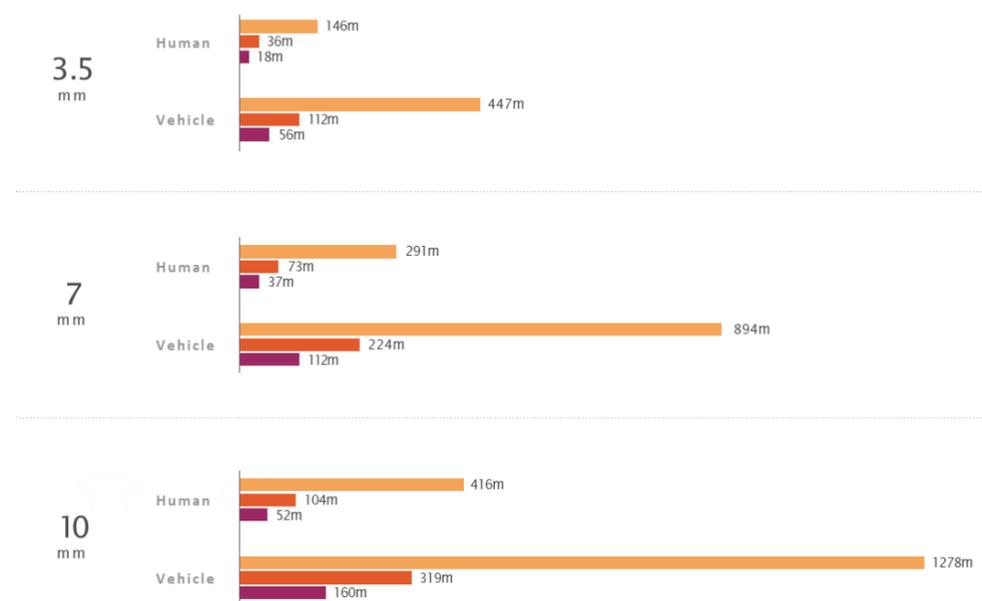
Identification: At least 12 pixels are required to identify an object and its features, for example, a human holding a wooden stick.

256x192

12 μm



● Detection ● Recognition ● Identification

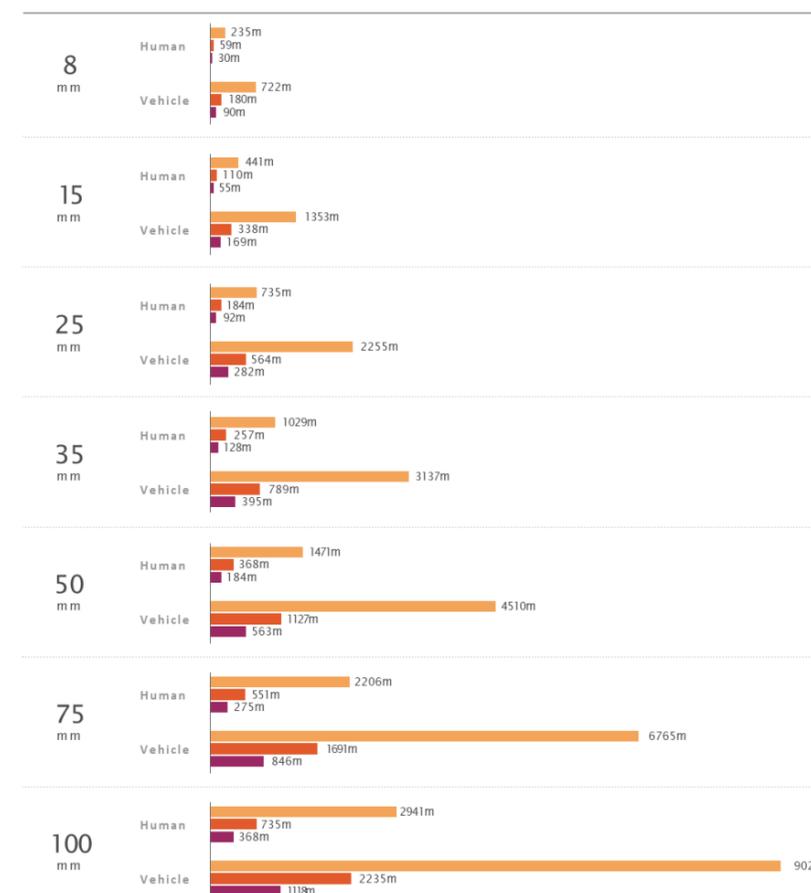


400x300

17 μm



● Detection ● Recognition ● Identification

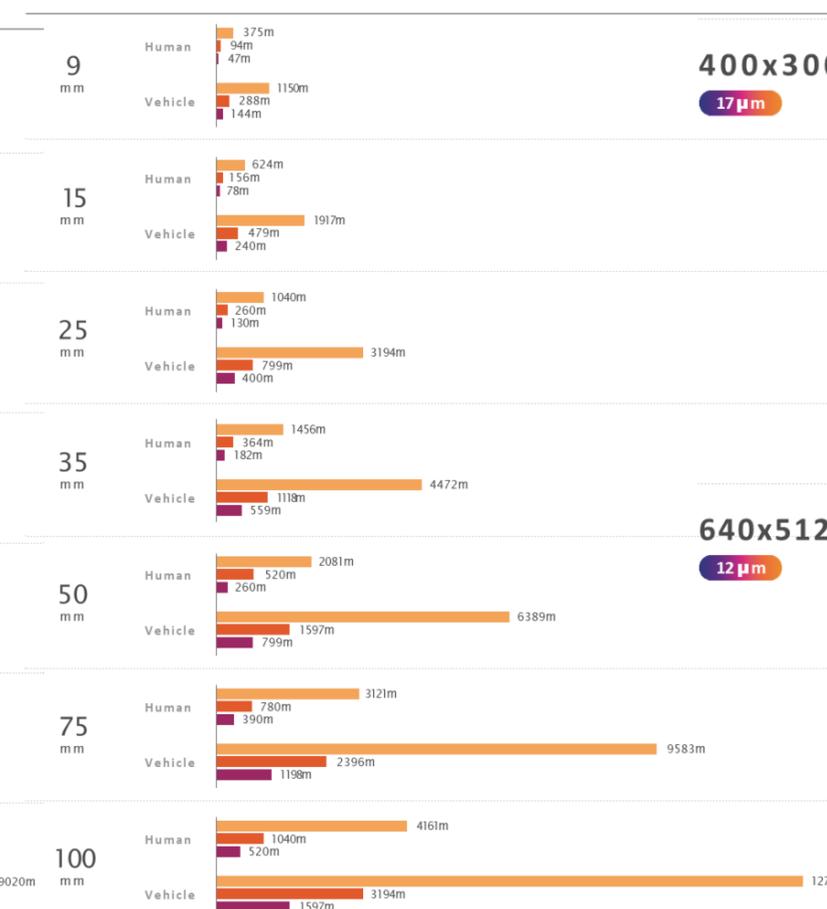


640x512

12 μm



● Detection ● Recognition ● Identification



● Detection ● Recognition

256x192

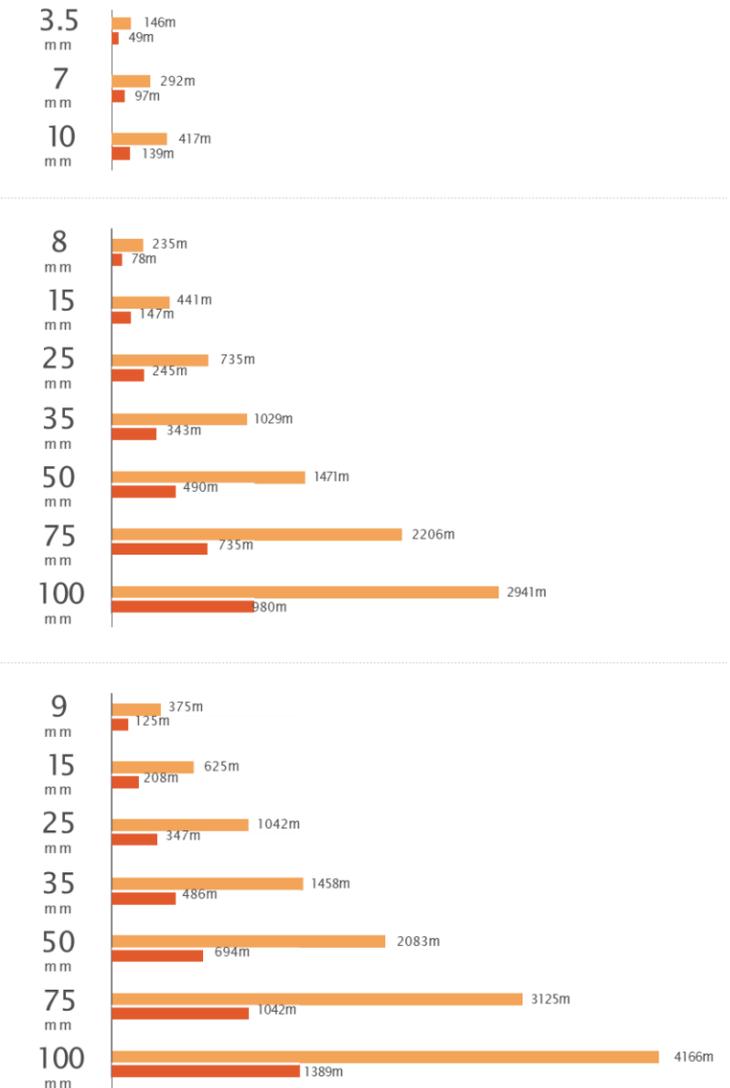
12 μm

400x300

17 μm

640x512

12 μm





Model	SNTPH6406DAFM
Appearance	
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch) Thermal	12µm
Sensitivity (Thermal)	≤40mK
Resolution Thermal	640 × 512
Sensor	-
Max Resolution	-
Lens	-F: 9, 15, 25, 35 or 50 mm, -M: 25 or 50 mm
Fov Thermal	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10° 50 mm: 8° × 7°
Temperature Range	-20° C to 150° C (-4° F to 302° F)
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm
Measurement Rule	3 temperature measurement rule types (spot, areas, line)
Smart Function	
Intelligent Analysis	Human/Vehicle detection, fire point detection, smoking detection and smoke & flame detection, IVS, Cold/hot spot tracking, Human/Vehicle/Ship tracking
Audio In/Out	1/1
Alarm In/Out	2/1
Memory Slot	Micro SD, Max. 256 GB
Ingress Protection	IP68
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)
Power	100 to 240 VAC, Max. 25W
Product Size	464 × 166 × 171 mm



Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



Model	SNTPH6436PAFM
Appearance	
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch) Thermal	12µm
Sensitivity (Thermal)	≤40mK
Resolution Thermal	640 × 512
Sensor	1/2.8" Progressive Scan CMOS
Max Resolution	2592 × 1520
Lens	Thermal: -F: 9, 15, 25, 35 or 50 mm -M: 25 or 50 mm, Optical: 5.3 to 159 mm
Fov Thermal	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10°
Temperature Range	25 mm: 17° × 14°, 35 mm: 12° × 10°
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm
Measurement Rule	3 temperature measurement rule types (spot, areas, line)
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting
Audio In/Out	1/1
Alarm In/Out	5/1
Memory Slot	Micro SD, Max. 256 GB
Ingress Protection	IP68
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)
Power	100 to 240 VAC, Max. 75W
Product Size	567 × 360 × 494 mm



Certificaten:



CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires



EXPLOSION PROOF VISUAL CAMERA

Model	SNCHP868 CDRKZ40SS	
Appearance	 	  
Image sensor	1/1.8" STARVIS™ CMOS	Certificaten:
Lens	6.8 to 272 mm, 40x Optical Zoom	        
FOV-H	H: 62.0° to 2.4°, V: 36.6° to 1.3°	
Day and Night	ICR	
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON)	
WDR	True WDR	
IR Distance	-	CyberSecurity
Max. Resolution	3840 × 2160 (8MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps @ 8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal Parking, Smart motion detection, and People counting.	
Audio In/Out	1/1	
Alarm In/Out	2/1	Accessoires
Memory Slot	Micro SD, Max. 1 TB	 
Ingress Protection	IP68	 
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	100 to 240 VAC	
Product Size	522 × 176 × 215.1 mm	

Model	SNCHP868 EBRKZ40S	
Appearance	 	  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	5.3 to 159 mm, 30x Optical Zoom	        
FOV-H	H: 56.3° to 2.7°, V: 42.4° to 2.0°	
Day and Night	IRC	
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR on	
WDR	True WDR	
IR Distance	2.7 to 12mm: Up to 60 m (196.9 ft) 5 to 50mm: Up to 100 m (328.1 ft)	CyberSecurity
Max. Resolution	3840 × 2160 (8MP)	<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Frames Per Second	25/30fps @8MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting	
Audio In/Out	1/1	
Alarm In/Out	2/1	Accessoires
Memory Slot	Micro SD, Max. 1 TB	 
Ingress Protection	IP68	 
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	100 to 240 VAC	
Product Size	523.5 × 405.6 × 220.6 mm	

Model	SNIPT8650PARKZ30SS		-K: 1 single module fiber interface
Appearance	 	  	
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:	
Lens	5.3 to 159 mm, 30x Optical Zoom	        	
FOV-H	H: 56.3° to 2.7°, V: 42.4° to 2.0°		
Day and Night	IRC		
Min. Illumination(lux)	Color: 0.07 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR on		
WDR	True WDR		CyberSecurity
IR Distance	Up to 200 m (656.17ft)		<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Max. Resolution	2592 × 1944 (5MP)		
Frames Per Second	25/30fps @ 5MP		
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting		
Audio In/Out	1/1		
Alarm In/Out	2/1		Accessoires
Memory Slot	Micro SD, Max. 1 TB	 	
Ingress Protection	IP68	 	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)		
Power	100 to 240 VAC		
Product Size	523.5 × 405.6 × 220.6 mm		

Model	SNIPS8652PCDNKZ15SS		-K: 1 single module fiber interface
Appearance		  	
Image sensor	1/1.8" STARVIS™ CMOS	Certificaten:	
Lens	5.3 to 212 mm, 40x Optical Zoom	        	
FOV-H	H: 60.4° to 2.5°, V: 36.5° to 1.5°		
Day and Night	ICR		
Min. Illumination(lux)	Color: 0.001 Lux @ (F1.5, AGC ON), B/W: 0 Lux with IR on		
WDR	True WDR		CyberSecurity
IR Distance	Up to 200 m (656.17ft)		<ul style="list-style-type: none"> FIPS140-3 TPM Secure Boot HTTPS Port Security Backup&Recovery Strong password enforcement Vulnerability Management User Permission Grading
Max. Resolution	2592 × 1520 (4MP)		
Frames Per Second	25/30fps @4MP		
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way and Smart motion detection, People counting		
Audio In/Out	1/1, Built-in Mic		
Alarm In/Out	1/1		Accessoires
Memory Slot	Micro SD, Max. 256GB	 	
Ingress Protection	-	 	
Operating Temperature	-40° C to 55° C (-40° F to 131° F)		
Power	12 VDC/PoE (802.3af)		
Product Size	99.6 × 99.6 × 62.5 mm		

**ANTI-CORROSION
NETWORK CAMERAS**



Model	SNCHP8650EBRKZ30SSFF
Appearance	
Image sensor	1/2.8" STARVIS™ CMOS
Lens	5.3 to 159 mm, 30x Optical Zoom
FOV-H	H: 56.3° to 2.7°, V: 42.4° to 2.0°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON)
WDR	True WDR
IR Distance	-
Max. Resolution	2592 × 1944 (5MP)
Frames Per Second	25/30fps @ 5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal Parking, Smart motion detection, and People counting.
Audio In/Out	1/1
Alarm In/Out	2/1
Memory Slot	Micro SD, Max. 1 TB
Ingress Protection	IP68
Operating Temperature	-40° C to 60° C (-40° F to 140° F)
Power	100 to 240 VAC
Product Size	522 × 176 × 215.1 mm

NDA Compliance

Certificaten:

CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires

Model	SNIPT8650PARKZ30SSFF
Appearance	
Image sensor	1/2.8" STARVIS™ CMOS
Lens	5.3 to 159 mm, 30x Optical Zoom
FOV-H	H: 56.3° to 2.7°, V: 42.4° to 2.0°
Day and Night	ICR
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON)
WDR	True WDR
IR Distance	-
Max. Resolution	2592 × 1944 (5MP)
Frames Per Second	25/30fps @ 5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal Parking, Smart motion detection, and People counting.
Audio In/Out	1/1
Alarm In/Out	2/1
Memory Slot	Micro SD, Max. 1 TB
Ingress Protection	IP68
Operating Temperature	-40° C to 60° C (-40° F to 140° F)
Power	100 to 240 VAC
Product Size	522 × 176 × 215.1 mm

NDA Compliance

Certificaten:

CyberSecurity

- FIPS140-3
- TPM
- Secure Boot
- HTTPS
- Port Security
- Backup&Recovery
- Strong password enforcement
- Vulnerability Management
- User Permission Grading

Accessoires

ANTI CORROSION PROOF VISUAL CAMERA

Model	SNCHP8650CDNKZ30SSFF	
Appearance		  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	5.3 to 159 mm, 30x Optical Zoom	    
FOV-H	H: 56.3° to 2.7°, V: 42.4° to 2.0°	      
Day and Night	ICR	CyberSecurity
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON)	<ul style="list-style-type: none">• FIPS140-3• TPM• Secure Boot• HTTPS• Port Security• Backup&Recovery• Strong password enforcement• Vulnerability Management• User Permission Grading
WDR	True WDR	Accessoires
IR Distance	-	
Max. Resolution	2592 × 1944 (5MP)	
Frames Per Second	25/30fps @ 5MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal Parking, Smart motion detection, and People counting.	
Audio In/Out	1/1	
Alarm In/Out	2/1	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP68	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	100 to 240 VAC	
Product Size	522 × 176 × 215.1 mm	

Model	SNIPT8650PANKZ30SSFF	
Appearance		  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	5.3 to 159 mm, 30x Optical Zoom	    
FOV-H	H: 56.3° to 2.7°, V: 42.4° to 2.0°	      
Day and Night	ICR	CyberSecurity
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON)	<ul style="list-style-type: none">• FIPS140-3• TPM• Secure Boot• HTTPS• Port Security• Backup&Recovery• Strong password enforcement• Vulnerability Management• User Permission Grading
WDR	True WDR	Accessoires
IR Distance	-	
Max. Resolution	2592 × 1944 (5MP)	
Frames Per Second	25/30fps @ 5MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal Parking, Smart motion detection, and People counting.	
Audio In/Out	1/1	
Alarm In/Out	2/1	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP68	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Power	100 to 240 VAC	
Product Size	522 × 176 × 215.1 mm	

Model	SNIPT8652PCDNKZ15SSFF	
Appearance		  
Image sensor	1/2.8" STARVIS™ CMOS	Certificaten:
Lens	5.3 to 159 mm, 30x Optical Zoom	    
FOV-H	H: 56.3° to 2.7°, V: 42.4° to 2.0°	      
Day and Night	ICR	CyberSecurity
Min. Illumination(lux)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON)	<ul style="list-style-type: none">• FIPS140-3• TPM• Secure Boot• HTTPS• Port Security• Backup&Recovery• Strong password enforcement• Vulnerability Management• User Permission Grading
WDR	True WDR	Accessoires
IR Distance	-	
Max. Resolution	2592 × 1944 (5MP)	
Frames Per Second	25/30fps @ 5MP	
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal Parking, Smart motion detection, and People counting.	
Audio In/Out	1/1	
Alarm In/Out	2/1	
Memory Slot	Micro SD, Max. 1 TB	
Ingress Protection	IP68	 SNCBK400SS
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	 SNCPL10ASS
Power	100 to 240 VAC	
Product Size	522 × 176 × 215.1 mm	



NVR

Pro Series

- AI cameras, thermal cameras, fisheye and other types of IPC cameras access
- Excellent user interface, easy operation
- Comprehensive HD, powerful, intelligent, stable and reliable
- Meets the professional security surveillance industry requirements



 2/4/8 HDD	 4K Display	 RAID	 Spot Monitor
 Real-time Comparison	 Smart Event Alarm	 Alarm Classification Retrieval	 Database
 People Counting	 Attendance Management	 Temperature Graph Display	 Picture Grid

PRO AI NVR

Model	SNNVR3908E2J	
Appearance		  
Video Outputs	8 Channels	Certificaten:                                         

SECURITY RADAR

Security Radar

- 24/7 all-weather and all-environment detection
- High accuracy; low false alarm rate, zero false negative rate
- Real-time trajectory tracking; graded alarm set
- Movement tracking display; target filtering (human and vehicle)
- Centralized platform management



1500 m (4900 ft)
Detection Range(Boat)

±3 m
Distance Accuracy

Voyage Track Record

	Security Radar				
Model	SN-SMWR01A	SN-SMWR02A	SN-SMWR03A	SN-SMWR03W	SN-SMWR21A-P
Appearance					
Max. Number of Targets	16	32	32	32	32
Detection Target Type	Human and vehicle	Human and vehicle	Human and vehicle	Ship	Human and vehicle
Detection Distance	Human: up to 60 m Vehicle: up to 60 m	Human: up to 150 m Vehicle: up to 180 m	Human: up to 450 m Vehicle: up to 600 m	Ship (5 to 10 m) : up to 800 m Ship (10 to 50 m) : up to 1,200 m Ship (50 m) : up to 1,500 m	Human: up to 300 m Walk/run across: up to 200 m Climb/squat across: up to 150 m Vehicle: up to 300 m
Detection Angle	Horizontal: 120° , Vertical: 22°	Horizontal: 90° , Vertical: 13°	Horizontal: 90° , Vertical: 13°	Horizontal: 90° , Vertical: 13°	Horizontal: 20° , Vertical: 13°
Detection Speed Range	0.5 to 30 m/s	0.03 to 30 m/s			
Distance Accuracy	±0.5 m	±0.5 m	±0.75 m	±0.75 m	±0.75 m
Speed Accuracy	0.03 m/s	0.03 m/s	0.006 m/s	0.006 m/s	0.03 m/s
Angle Accuracy	±1°	±1°	±1°	±1°	±1°
Scan Frequency	10 Hz	8 Hz	8 Hz	8 Hz	8 Hz
Transmit Frequency	60 GHz	24 GHz	24 GHz	24 GHz	24 GHz
Modulation Type	FMCW	FMCW	FMCW	FMCW	FMCW
Radar + PTZ Smart Tracking	SunView CMS	SunView CMS	SunView CMS	SunView CMS	SunView CMS
Recognition Pattern	Radar triggers an alarm, linkage video review	Radar triggers an alarm, linkage video review			
Operating Temperature	From -40° C to 65° C (-40° F to 149° F)	From -40° C to 65° C (-40° F to 149° F)	From -40° C to 65° C (-40° F to 149° F)	From -40° C to 65° C (-40° F to 149° F)	From -40° C to 75° C (-40° F to 167° F)
Power Supply	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE+(802.3at)	12 VDC/PoE+(802.3at)	12 VDC/PoE (802.3af)

- Real-time broadcasting
- Alarm event
- Timer broadcasting
- Customized voice



Network Audio

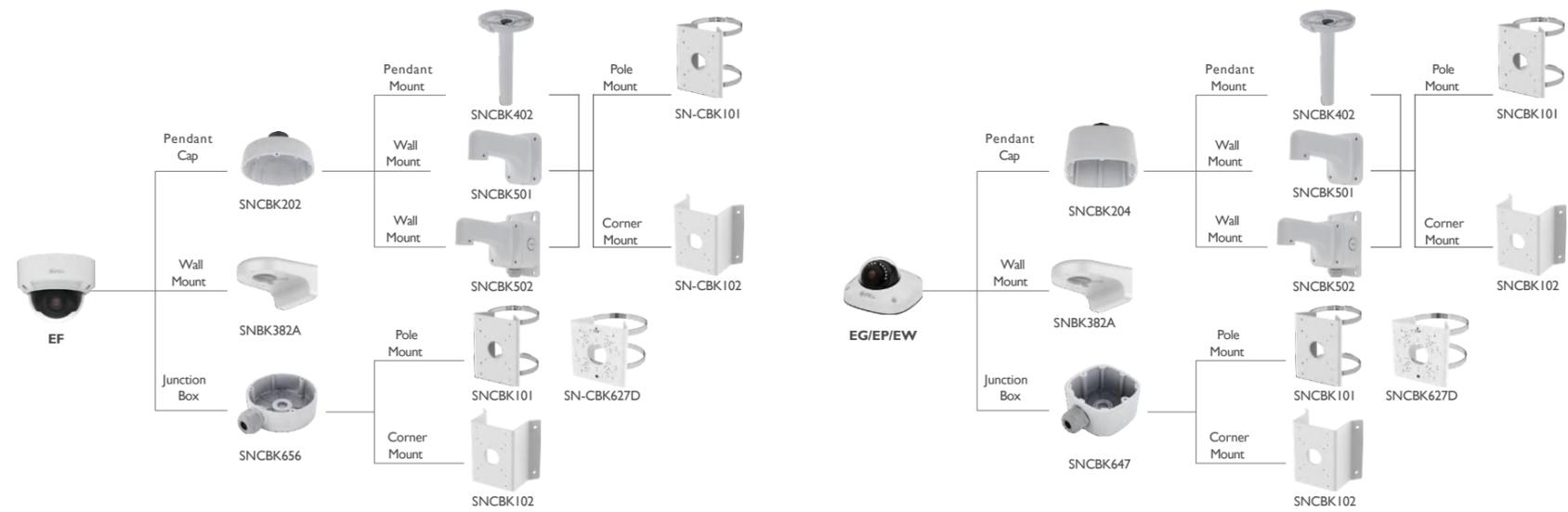
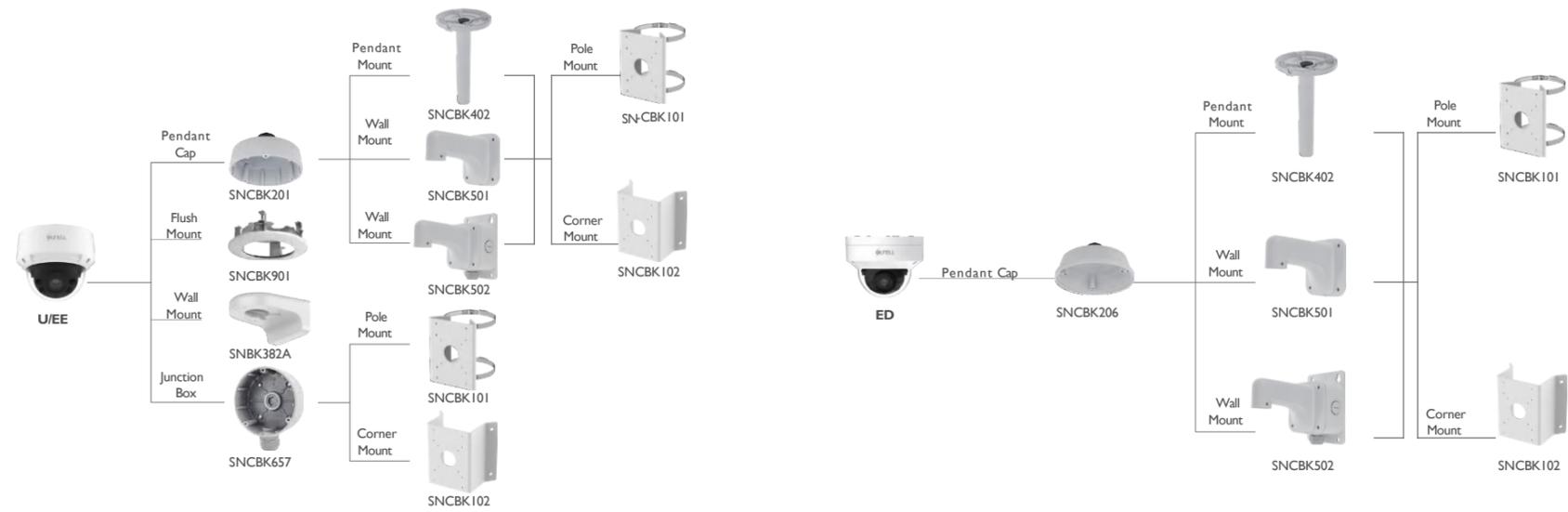
Model	IP Speaker			
	SN-PAIC01-I5	SN-PAIC01-M-I5	SN-PAIC01(-M)-30	SN-PAIC01-50
Appearance				
Rated Power	15 W	15 W	30 W	50 W
Max. Acoustic Pressure	96 dB SPL	96 dB SPL	110 dB SPL	96 dB SPL
Frequency Response	100 Hz to 18 KHz	100 Hz to 18 KHz	93 Hz to 20 KHz	100 Hz to 18 KHz
Harmonic Distortion	0.1@ 1 KHz	0.1@ 1 KHz	0.1@ 1 KHz	0.1@ 1 KHz
Signal to Noise Ratio	91dB	91dB	91dB	91dB
Security	Password protection, IP address filtering, Digest authentication, User access log, firewall	Password protection, IP address filtering, Digest authentication, User access log, firewall	Password protection, IP address filtering, Digest authentication, User access log, firewall	Password protection, IP address filtering, Digest authentication, User access log, firewall
Compatibility	SIP, ONVIF	SIP, ONVIF	SIP, ONVIF	SIP, ONVIF
Audio	-	Built-in 1ch MIC	With -M: Built-in 1ch MIC	-
Alarm Input	1	1	-	-
Power	12 VDC/24 VDC/PoE (802.3af)	12 VDC/24 VDC/PoE (802.3af)	12 VDC/24 VDC/PoE+ (802.3at)	24 VDC or PoE++
Material	Metal	Metal	Metal	ABS
Protection	-	-	-	-
Installation	In Ceiling	In Ceiling	In Ceiling	In Ceiling

Network Audio

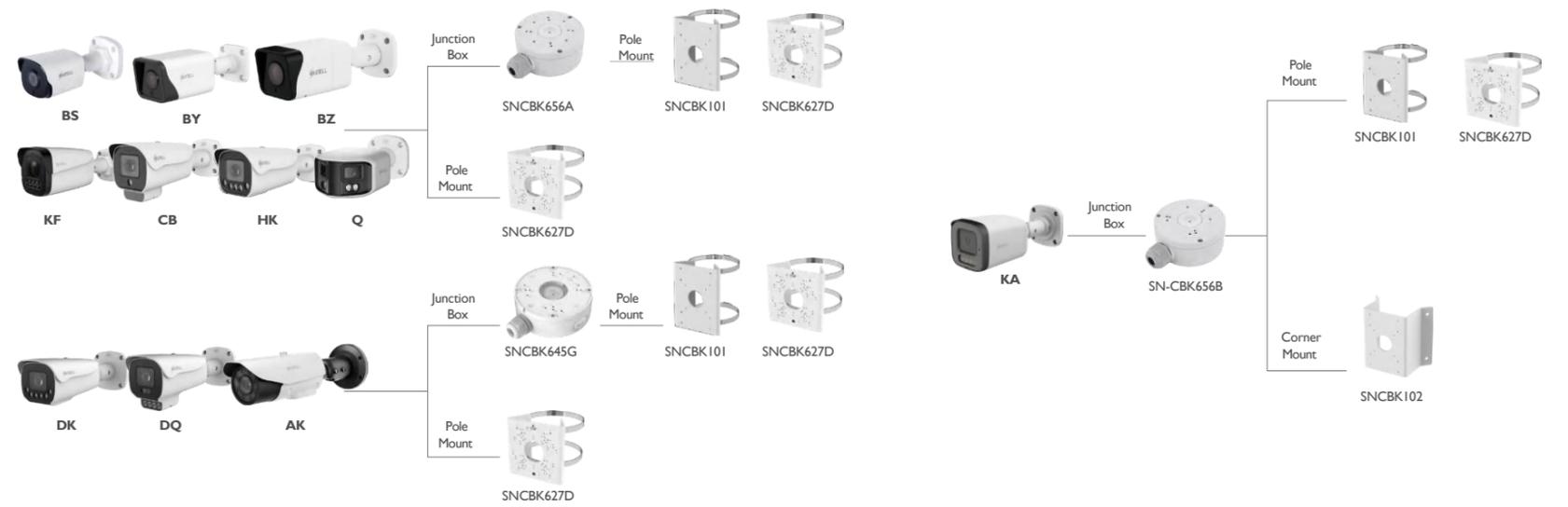
Model	IP Speaker				
	SN-PAIW01-15	SN-PAIW01-30	SN-PAIH01-15	SN-PAIH01-30	SN-PAIH01-M-30
Appearance					
Rated Power	15 W	30 W	15 W	30 W	30 W
Max. Acoustic Pressure	101 dB SPL	105 dB SPL	113 dB SPL	120 dB SPL	120 dB SPL
Frequency Response	80 Hz to 20 KHz	350 Hz to 8 KHz	300 Hz to 8 KHz	350 Hz to 8 KHz	350 Hz to 8 KHz
Harmonic Distortion	0.1@ 1 KHz				
Signal to Noise Ratio	91dB	91dB	91dB	91dB	91dB
Security	Password protection, IP address filtering, Digest authentication, User access log, firewall	Password protection, IP address filtering, Digest authentication, User access log, firewall	Password protection, IP address filtering, Digest authentication, User access log, firewall	Password protection, IP address filtering, Digest authentication, User access log, firewall	Password protection, IP address filtering, Digest authentication, User access log, firewall
Compatibility	SIP, ONVIF				
Audio	-	-	-	-	1ch Audio input, built-in 1ch MIC
Alarm Input	1	1	1	1	1
Power	12 VDC/24 VDC/PoE (802.3af)	12 VDC/24 VDC/PoE+ (802.3at)	12 VDC/24 VDC/PoE (802.3af)	12 VDC/24 VDC/PoE+ (802.3at)	12 VDC/24 VDC/PoE+ (802.3at)
Material	ABS + Metal				
Protection	IP55	IP55	IP67	IP67	IP67
Installation	Wall Mounted				



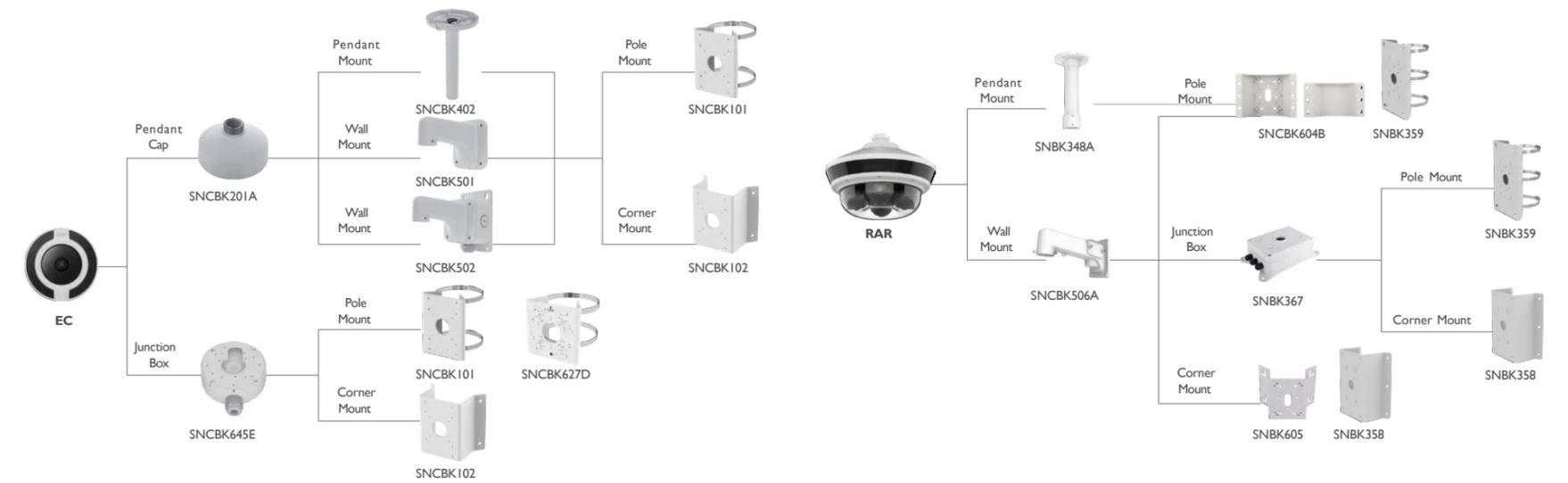
Dome Camera Mount



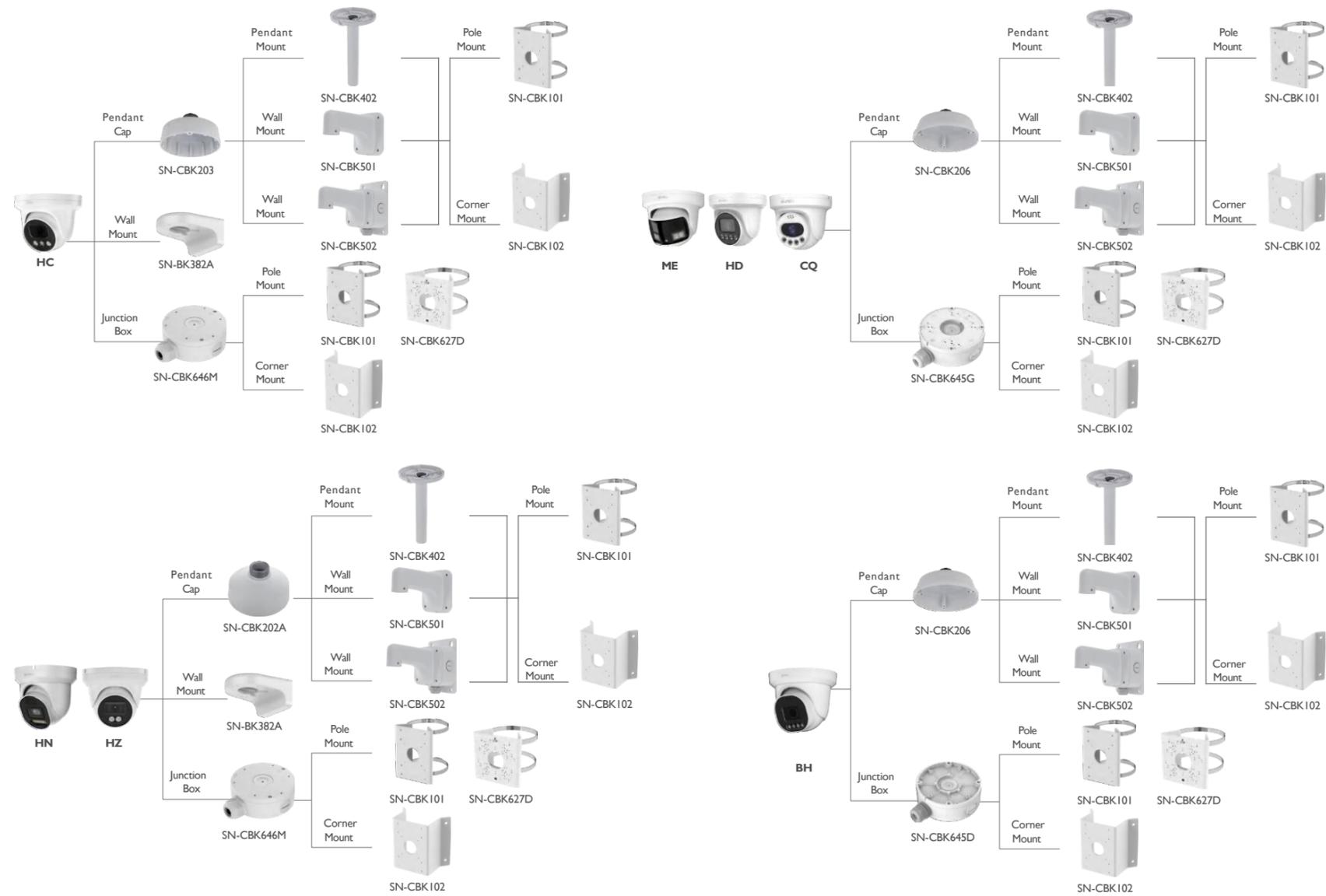
Bullet Camera Mount



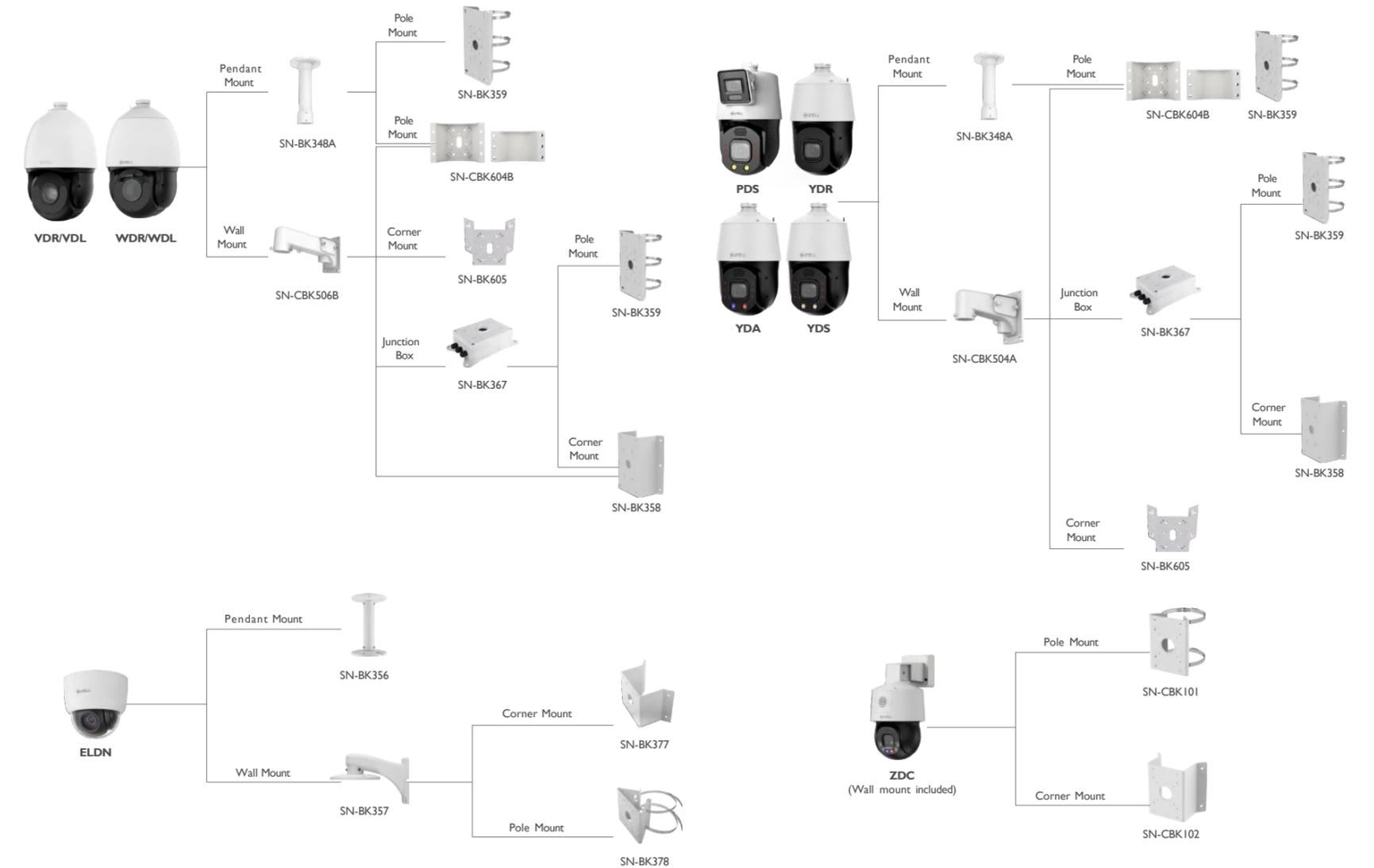
Panoramic Camera Mount



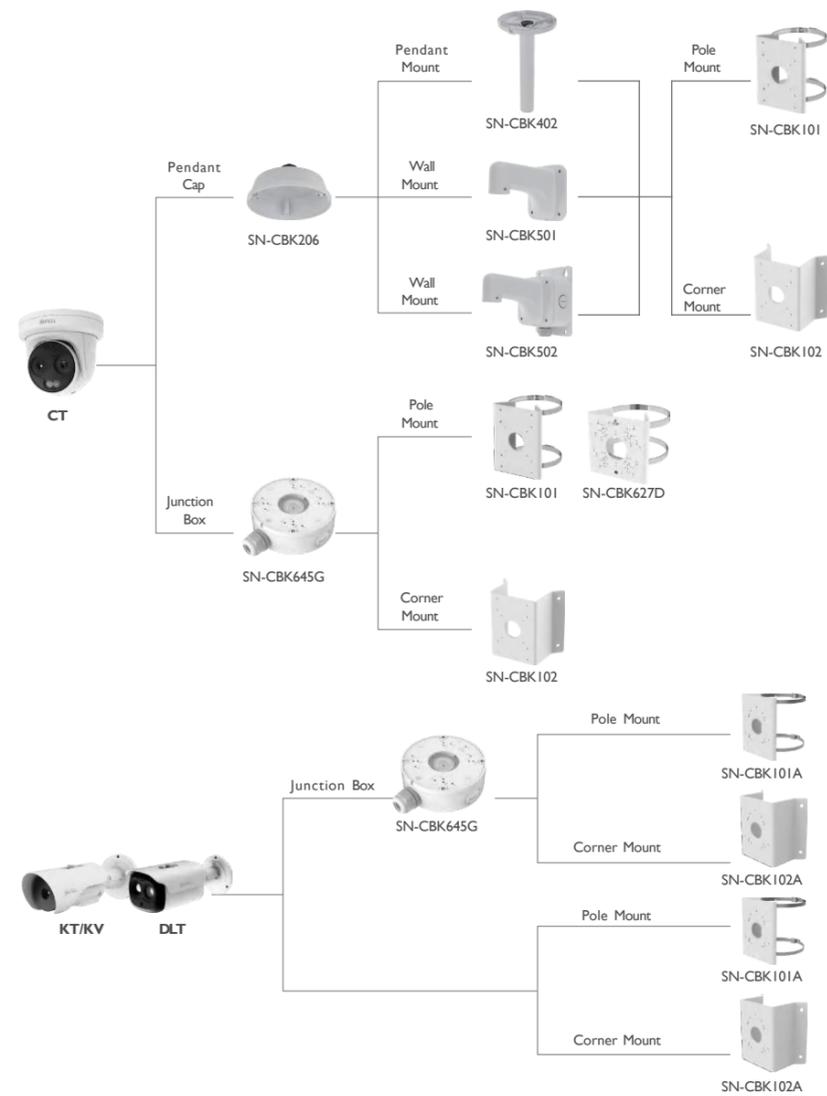
Turret Camera Mount



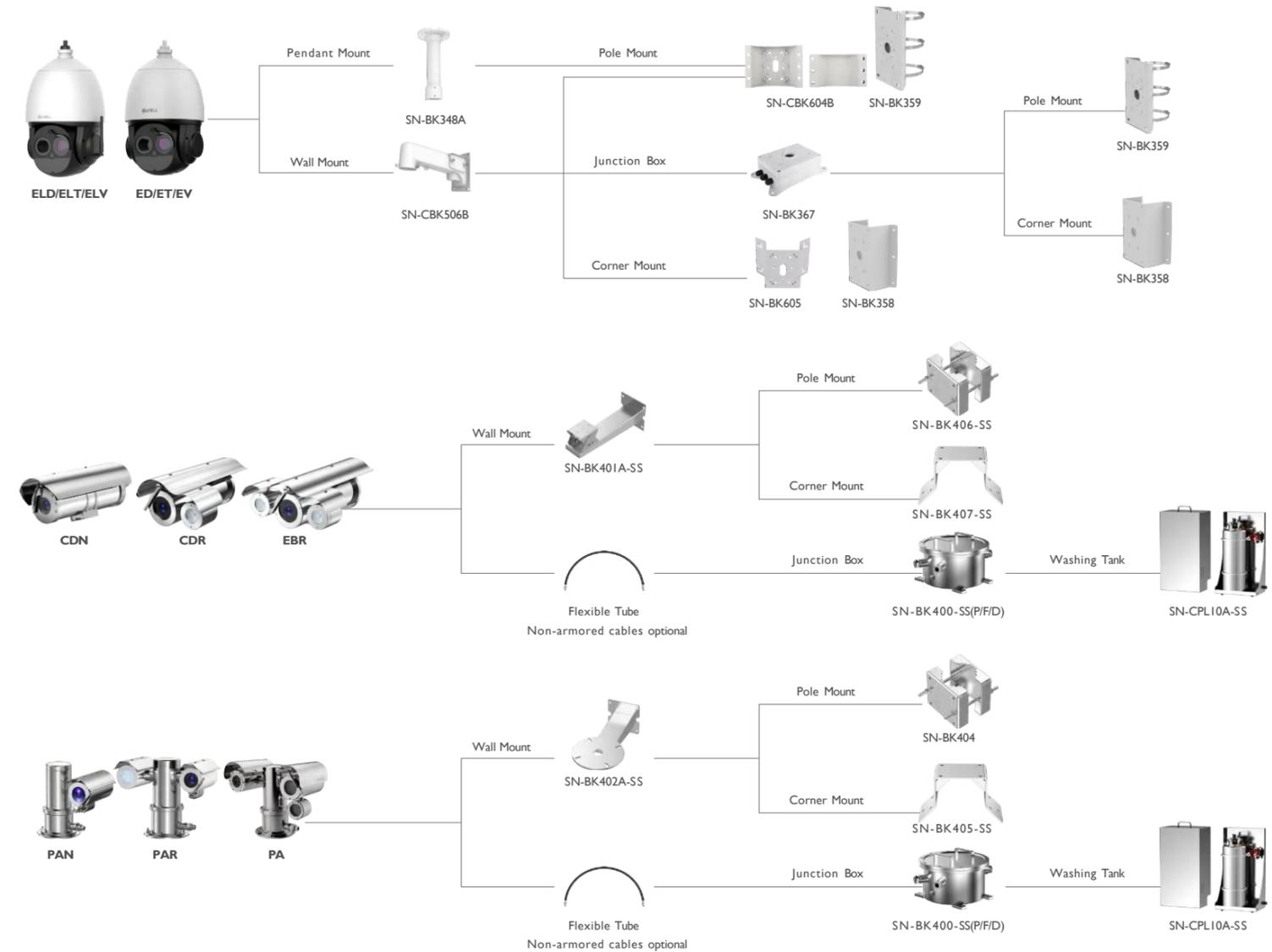
PTZ Camera Mount



Thermal Camera Mount



Thermal Camera Mount





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