

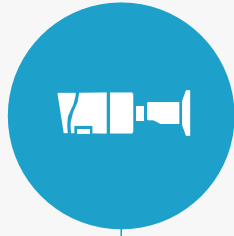
Video Surveillance Products

Selection Guide JUNE 2025

2025



TABLE OF CONTENTS



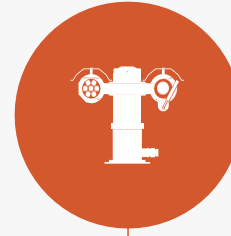
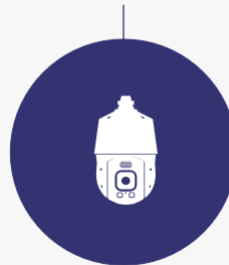
01

Network Cameras

- 3 Active Deterrence Series
- 4 Ultra Series
- 6 ANPR Camera
- 8 Pro Series
- 13 Eco Series
- 17 Special Series
- 26
- 49 Special Series

19

Network PTZ Cameras



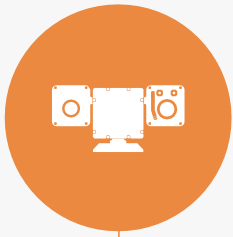
23

Explosion-Proof Network Cameras

26

Anti-Corrosion Network Cameras





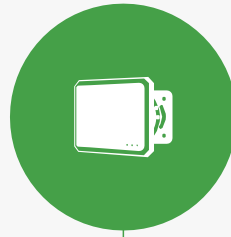
28

Thermal Cameras

30 Thermal Cameras
39 Explosion-proof
Thermal Cameras

40

NVR



44

Security Radar



47

Network Audio



50

Accessories



200+

R&D Engineers



110+

Products sold to 113
countries and regions





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 2022.

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.



NETWORK CAMERAS

Active Deterrence Series

- Deep learning algorithm, accurate detection
- Real-time sound and light deterrence, customized audio, flexible control
- Unattended, eliminate security risks
- Smart Events: Intrusion, Single-line Crossing, Double-line Crossing, Loitering, Wrong Way (the five functions support accurate vehicle and human 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

R8050

	Active Deterrence Bullet Cameras		Active Deterrence Dual Light Turret	Active Deterrence Turret Cameras	
Model	SNIPR8050CBAAZ	SNIPR8080DQAAZ	SNIPV71 80HNBCB	SNIPR8080HCAAB	SNIPR8080CQAAZ
Appearance					
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.7" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	2.7~13.5mm/F1.6 (Motorized)	2.7~13.5mm/F1.6 (Motorized)	2.8mm/F1.0	2.8mm/F2.0	2.7~13.5mm/F1.6 (Motorized)
FOV	H: 88.1° ~ 26.6°, V: 64.4° ~ 19.9°	H: 98.1° ~ 30.9°, V: 52.6° ~ 17.3°	H: 109.7°, V: 57.6°	H: 97.4°, V: 52.5°	H: 98.1° ~ 30.9°, V: 52.6° ~ 17.3°
Day/Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)	Color: 0.01 Lux @ (F1.2, AGC ON), B/W: 0 Lux @ (IR LED ON)	Color: 0.01 Lux @ (F1.2, AGC ON), B/W: 0 Lux @ (IR LED ON)
WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 40m (131.2 ft)	Up to 40m (131.2 ft)	Up to 30m (131.2 ft)	Up to 30m (98.4 ft)	Up to 40m (131.2 ft)
Max. Resolution	2592×1944 (5MP)	3840×2160 (8MP)	3840×2160 (8MP)	3840×2160 (8MP)	3840×2160 (8MP)
Max. Frame Rate	25/30fps@ 5MP	25/30fps@ 8MP	25/30fps@ 8MP	25/30fps@ 8MP	25/30fps@ 8MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.				
Audio In/Out	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Protection	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Dimension	242.6 × 87.6 × 97.2mm	303 × 100 × 107mm	φ111 × 100.8 mm	φ118 × 94mm	φ140 × 119.2mm

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
- Smart Events: Intrusion, Single-line Crossing, Double-line Crossing, Loitering, Wrong Way (the five functions support accurate vehicle and human detection), People Counting



Full Color



Ultra Starlight



Deep Learning Algorithm



Human/Vehicle Detection



People Counting



Smart Event



True WDR








Two-way Audio



Alarm In/Out



Memory Slot

	Multi-Sensor Cameras		180° Panoramic Turret	Fisheye Cameras	Fisheye Cameras
Model	SNIPP8058RARVZ	SNIPP8085QASB	SNIPP8086MEACB	SNIPV8088ECARB	SNIPV8060ECARB
Appearance					
Image sensor	Four 1/2.8" STARVIS™ CMOS	Dual 1/2.8" STARVIS™ CMOS	2×5MP 1/2.8" STARVIS™ CMOS	1/1.7" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	2.7 to 13.5 mm (Motorized)	2.8 mm/F1.6	2.4 mm/F2.4	1.8 mm/F2.4	1.5 mm/F2.0
FOV-H	H: 95.6° to 26.9° , V: 65.4° to 20.5°	H: 180° , V: 63°	Splicing mode: - H: 190°, V: 80° Multi-channel mode: - H: 112°, V: 82°	H: 180° , V: 180°	H: 180° , V: 180°
Day and Night	ICR	Fixed filter	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.005Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with light	Color: 0.01Lux @(F2.4, AGC ON), B/W: 0.001Lux @(F2.4, AGC ON), 0Lux with IR	Color: 0.01Lux @(F2.4, AGC ON), B/W: 0.001Lux @(F2.4, AGC ON), 0Lux with IR	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON), 0Lux with IR
WDR	True WDR	True WDR	True WDR	DWDR	True WDR
Illumination Distance	Up to 40 m (131.2 ft)	IR distance up to 30 m (98.4ft) Warm light distance up to 20 m (65.6ft)	Up to 30 m (98.4ft)	Up to 15 m (49.2ft)	Up to 15 m (49.2ft)
Max. Resolution	2592 × 1944 (5MP)	4608 × 1728 (8MP)	4224 × 1848 (8MP)	4000 × 3000 (12MP)	2560 × 2560 (6MP)
Frames Per Second	25/30fps @5MP	15fps @8MP	25fps @8MP	25fps @12MP	25/30fps @6MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection, People counting, and Heat map (Panoramic mode).				
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic and Speaker	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm In/Out	4/2	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 1TB	Micro SD, Max. 256GB	Micro SD, Max. 1TB	Micro SD, Max. 1TB	Micro SD, Max. 1TB
Ingress Protection	IP67, IK10	IP66	IP66	IP66	IP66
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power	12 VDC/PoE+ (802.3at)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	Φ282 × 206.3 mm	227.7 × 110 × 80 mm	Φ140 × 119.2 mm	Φ130 × 38.3 mm	Φ130 × 38.3 mm

IPC Ultra Ultra Series

	ANPR IN-EXIT Camera		ANPR Camera till 120km/h		ANPR Cameras till 120 km/h
Model	SNIPR8045DQANTVV	SNIPP8088DQANTW	SNIPC8088ECARB	SNIPR8047AKANSTPZ8	SNIPR8047AKANSTPZ10
Appearance	 NEW	 NEW		 NEW	 NEW
Image sensor	1/1.7" STARVIS™ CMOS	Dual 1/2.8" STARVIS™ CMOS	1/1.7" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS
Lens	2.7 to 13.5 mm (Motorized)	2.8 mm/F1.6	1.8 mm/F2.4	8 to 32mm, (Motorized, Auto Iris)	10 to 50mm (Motorized, Auto Iris)
FOV-H	H: 95.6° to 26.9° , V: 65.4° to 20.5°	H: 180° , V: 63°	H: 180° , V: 180°	8 to 32mm: H: 41.1° to 14° , V: 23° to 7.9°	10 to 50mm: H: 42.5° to 11.1° , V: 24.3° to 6.3°
Day and Night	ICR	Fixed filter	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.005Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with IR	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with light	Color: 0.01Lux @(F2.4, AGC ON), B/W: 0.001Lux @(F2.4, AGC ON), 0Lux with IR	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON), 0Lux with IR	Color: 0.0025 Lux @(F1.2, AGC ON),B/W: 0Lux with IR on
WDR	True WDR	True WDR	DWDR	True WDR	True WDR
Illumination Distance	Up to 40 m (131.2 ft)	IR distance up to 30 m (98.4ft) Warm light distance up to 20 m (65.6ft)	Up to 15 m (49.2ft)	8 to 32mm: Up to 80m (262.5ft)	10 to 50mm: Up to 120m (393.7ft)
Max. Resolution	2592 × 1944 (5MP)	4608 × 1728 (8MP)	4000 × 3000 (12MP)	2592 × 1520(4MP)	2592 × 1520(4MP)
Frames Per Second	25/30fps @5MP	15fps @8MP	25fps @12MP	50/60fps @4MP	50/60fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection, People counting, and Heat map (Panoramic mode).				Supports license plate recognition for vehicle speeds up to 120 km/h
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic and Speaker	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in mic and speaker
Alarm In/Out	4/2	1/1	1/1	1/1	1/2
Memory Slot	Micro SD, Max. 1TB	Micro SD, Max. 256GB	Micro SD, Max. 1TB	Micro SD, Max. 1TB	Micro SD, Max. 1 TB
Ingress Protection	IP67, IK10	IP66	IP66	IP66, IK10	IP66, IK10
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power	12 VDC/PoE+ (802.3at)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	Φ282 × 206.3 mm	227.7 × 110 × 80 mm	Φ130 × 38.3 mm	Φ110 × 356.3 mm	Φ110 × 356.3 mm

	Full-color Bullet Cameras			Full-color Turret Cameras		
Model	SNIPR8540DQAWB	SNIPR8540DQAWPZ	SNIPR8084DQASVZ	SNIPR8540HDAWB	SNIPV8081CQAWB	SNIPV8084CQASVZ
Appearance						
Image sensor	1/1.8" CMOS	1/1.8" CMOS	1/1.8" STARVIS™ CMOS	1/1.8" CMOS	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS
Lens	2.8 mm/4 mm/6 mm optional	4.5 to 8 mm or 8 to 32 mm (Motorized, Auto Iris)	3.6 to 11 mm/F1.3 (Motorized)	2.8 mm/F1.0	2.8 mm/F1.6, 4 mm/F1.6	3.6 to 11 mm/F1.3 (Motorized)
FOV-H	2.8 mm, H: 112.4°, V: 61.2° 4 mm, H: 95.6°, V: 50.6° 6 mm, H: 54.4°, V: 28.7°	4.5 to 8 mm, H: 101° to 57.5°, V: 52.7° to 32° 8 to 32 mm, H: 39.7° to 16°, V: 22.6° to 9.2°	H: 110.6° to 47.3°, V: 57.9° to 26.8°	H: 112.4°, V: 61.2°	2.8 mm: H: 110.5°, V: 56.5° 4 mm: H: 88.4°, V: 50°	H: 110.6° to 47.3°, V: 57.9° to 26.8°
Day and Night	Fixed filter	Fixed filter	ICR	Fixed filter	ICR	ICR
Min. Illumination(lux)	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with warm-light ON	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with warm-light ON	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with warm-light ON	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
Illumination Distance	Up to 40 m (131.2 ft)	4.5 to 8 mm: up to 40 m (131.2 ft) 8 to 32 mm: up to 60 m (196.9 ft)	IR distance up to 60 m (196.9 ft) Warm light distance up to 50 m (164.0 ft)	Up to 40 m (131.2ft)	IR distance up to 40 m (131.2 ft) Warm light distance up to 30 m (98.4 ft)	IR distance up to 40 m (131.2 ft) Warm light distance up to 30 m (98.4 ft)
Max. Resolution	2688 × 1520 (4MP)	4MP (2688 × 1520)	3840 × 2160 (8MP)	2688 × 1520 (4MP)	3840 × 2160 (8MP)	3840 × 2160 (8MP)
Frames Per Second	25/30fps @4MP	25/30fps @4MP	25/30fps @8MP	25/30fps @4MP	25/30fps @8MP	25/30fps @8MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.					
Audio In/Out	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 256GB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40° C ~ 55° C (-40° F ~ 131° F)	-40° C to 55° C (-40° F to 131° F)	-40° C to 60° C (-40° F to 140° F)	-40° C ~ 55° C (-40° F ~ 131° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	303 × 100 × 107 mm	303 × 100 × 107 mm	303 × 100 × 107 mm	243 × 88 × 97 mm	φ140 × 119.2 mm	φ140 × 119.2 mm

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
- Smart Events: Intrusion, Single-line Crossing, Double-line Crossing, Loitering, Wrong Way (the five functions support accurate vehicle and human 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



IPC Pro Series

	Vari-focal Bullet Cameras					
Model	SNIPR8080AKANZ	SNIPR8080APANZ	SNIPR8056AKANSVZ	SNIPR8080DQANZ	SNIPR8056DQANZ	SNIPR8046DQANZ
Appearance						
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	2.7~13.5mm/F1.6 (Motorized)	2.7~13.5mm/F1.6 (Motorized)	5 to 50mm (Motorized, DC-Iris)	2.7~13.5mm/F1.6 (Motorized)	2.7~13.5mm/F1.6 (Motorized)	2.7~13.5mm/F1.6 (Motorized)
FOV	H: 98.1° ~ 30.9° , V: 52.6° ~ 17.3°	H: 88.1° ~ 26.6° , V: 64.4° ~ 19.9°	H: 46.2° to 7.7° , V: 34.1° to 5.8°	H: 98.1° ~ 30.9° , V: 52.6° ~ 17.3°	H: 88.1° ~ 26.6° , V: 64.4° ~ 19.9°	H: 101.1° ~ 21.8° , V: 56.2° ~ 15.9°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination	Color:0.01Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)	Color:0.03Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	Color:0.01Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)	Color:0.03Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)	Color:0.03Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 60m (196.9 ft)	Up to 40m (196.9 ft)	5 to 50mm: Up to 100m (328.1ft)	Up to 60m (196.9 ft)	Up to 60m (196.9 ft)	Up to 60m (196.9 ft)
Max. Resolution	3840 × 2160 (8MP)	3840 × 2160 (8MP)	2592 × 1944 (5MP)	3840 × 2160 (8MP)	2592 × 1944 (5MP)	2592 × 1520 (4MP)
Max. Frame Rate	25/30fps @8MP	25/30fps @8MP	25/30fps @5MP	25/30fps @8MP	25/30fps @5MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.					
Audio In/Out	1/1	1/1	Without -S: 1/1 With -S: 1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Protection	IP67, IK10	IP66, IK10	IP67, IK10	IP66	IP66	IP66
Operating Temperature	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Dimension	φ110 × 353.3mm	φ85 × 276mm	φ130 × 112mm	303 × 100 × 107mm	303 × 100 × 107mm	303 × 100 × 107mm

IPC Pro Series

	Cable Free Dome Cameras			
Model	SNIPD8080EPARB	SNIPD8056EPARB	SNIPV8080EDARZ	SNIPV805EDARZ
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	2.8mm/F2.0	2.8mm/F2.0	2.7~13.5mm/F1.6 (Motorized)	2.7~13.5mm/F1.6 (Motorized)
FOV	H: 97.4°, V: 52.5°	H: 93.8°, V: 68.2°	H: 98.1° ~ 30.9°, V: 52.6° ~ 17.3°	H: 92.8° ~ 26.9°, V: 52.1° ~ 15.8°
Day/Night	ICR	ICR	ICR	ICR
Min. Illumination	Color:0.01Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)	Color:0.03Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)	Color:0.01Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)	Color:0.03Lux @(F1.6, AGC ON) B/W:0Lux @(IR LED ON)
WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 15m (49.2 ft)	Up to 15m (49.2 ft)	Up to 40m (131.2 ft)	Up to 40m (131.2 ft)
Max. Resolution	3840 × 2160 (8MP)	2592 × 1944 (5MP)	3840 × 2160 (8MP)	2592 × 1944 (5MP)
Max. Frame Rate	25/30fps @8MP	25/30fps @5MP	25/30fps @8MP	25/30fps @5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.			
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic	1/1	1/1
Alarm In/Out	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Protection	-	-	IP66, IK10	IP66, IK10
Operating Temperature	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)	-40° C~55° C (-40° F~131° F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Dimension	99.6 × 99.6 × 62.5 mm	99.6 × 99.6 × 62.5 mm	φ140 × 110mm	φ140 × 110mm

IPC Pro Series

	Fixed Turret Cameras			Vari-focal Turret Cameras		
Model	SNIPR8080HCANB	SNIPR8050HCANB	SNIPR8040HCANB	SNIPR8080HDANZ	SNIPR8050HDANZ	SNIPR8040HDANZ
Appearance						
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	2.8mm/F2.0	2.8mm/F2.0	2.8mm/F2.0	2.7~13.5mm/F1.6 (Motorized)	2.7~13.5mm/F1.6 (Motorized)	2.7~13.5mm/F1.6 (Motorized)
FOV	H: 97.4°, V: 52.5°	H: 93.8°, V: 68.2°	H: 94.4°, V: 53.5°	H: 98.1° ~ 30.9°, V: 52.6° ~ 17.3°	H: 88.1° ~ 26.6°, V: 64.4° ~ 19.9°	H: 101.1° ~ 21.8°, V: 56.2° ~ 15.9°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination	Color: 0.01Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	Color: 0.01Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)	Color: 0.03Lux @(F1.6, AGC ON) B/W: 0Lux @(IR LED ON)
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 30m (98.4 ft)	Up to 30m (98.4 ft)	Up to 30m (98.4 ft)	Up to 40m (131.2 ft)	Up to 40m (131.2 ft)	Up to 40m (131.2 ft)
Max. Resolution	3840 × 2160 (8MP)	2592 × 1944 (5MP)	2592 × 1520 (4MP)	1920 × 1080 (2MP)	3840 × 2160 (8MP)	2592 × 1944 (5MP)
Max. Frame Rate	25/30fps @8MP	25/30fps @5MP	25/30fps @4MP	25/30fps @ 2MP	25/30fps @ 8MP	25/30fps @ 5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Smart motion detection, and People counting.					
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Protection	IP66	IP66	IP66	IP66	IP67, IK10	IP67, IK10
Operating Temperature	-40° C ~ 55° C (-40° F ~ 131° F)	-40° C ~ 55° C (-40° F ~ 131° F)	-40° C ~ 55° C (-40° F ~ 131° F)	-40° C ~ 55° C (-40° F ~ 131° F)	-40° C ~ 55° C (-40° F ~ 131° F)	-40° C ~ 55° C (-40° F ~ 131° F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Dimension	φ118 × 94mm	φ118 × 94mm	φ118 × 94mm	φ140 × 119.2 mm	φ140 × 119.2 mm	φ140 × 119.2 mm

NETWORK CAMERAS

Eco Series

- 2MP ~ 8MP@25fps
- Supports Face, Human, and Vehicle Detection
- Meets the intelligent security needs of small and medium-sized enterprises
- Smart Events: Intrusion, Single-line Crossing, Double-line Crossing, Loitering, Wrong Way (the five functions support accurate vehicle and human detection)



Deep Learning Algorithm



Human/Vehicle Detection



Smart Event



Smart IR



Memory Slot



Multiple Resolution



IPC Eco Series

	Smart Dual Illumination Cameras					
Model	SNIPV7180HCASB	SNIPV7150HCASB	SNIPV7180HNBSB	SNIPV7150HNBSB	SNIPV7180HNBSB	SNIPV7150HNBSB
Appearance						
Image sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens	2.8 mm/F1.6	2.8 mm/F1.6	2.8 mm/F1.6	2.8 mm/F1.6	2.8 mm/F1.6, 4 mm/F1.6	2.7 to 13.5 mm/F1.6
FOV-H	H: 109.5°, V: 59.8°	H: 110.9°, V: 59.9°	H: 109.5°, V: 59.8°	H: 110.9°, V: 59.9°	2.8 mm: H: 109.5°, V: 59.8° 4 mm: H: 91.5°, V: 46.3°	H: 102.8° to 32.6°, V: 54.5° to 18.3°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with light ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with light ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with light ON	Color: 0.01Lux @(F1.6, AGC ON), B/W: 0.001Lux @(F1.6, AGC ON), 0Lux with light ON	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light on	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
Illumination Distance	IR distance up to 30 m (98.4ft) Warm distance up to 20 m (65.6ft)	IR distance up to 30 m (98.4ft) Warm distance up to 20 m (65.6ft)	IR distance up to 30 m (98.4ft) Warm distance up to 20 m (65.6ft)	IR distance up to 30 m (98.4ft) Warm distance up to 20 m (65.6ft)	IR distance up to 30 m (98.4 ft) Warm distance up to 20 m (65.6 ft)	IR distance up to 40 m (131.2 ft) Warm light distance up to 30 m (98.4 ft)
Max. Resolution	3840 × 2160 (8MP)	2880 × 1620 (5MP)	3840 × 2160 (8MP)	2880 × 1620 (5MP)	8MP (3840 × 2160)	8MP (3840 × 2160)
Frames Per Second	25fps @8MP	25/30fps @5MP	25fps @8MP	25/30fps @5MP	25fps @8MP	25fps @8MP
Smart Function	Support Face, Human, Vehicle Detection. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection, and People counting					
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic	-/-, Built-in Mic and Speaker	-/-, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	1/1	-/-	-/-	1/1	1/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-30° C~60° C (-22° F ~140° F)	-30° C~60° C (-22° F ~140° F)	-30° C~55° C (-22° F ~131° F)	-30° C~55° C (-22° F ~131° F)	-30° C to 60° C	-30° C to 60° C
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)
Product Size	φ110 × 94 mm	φ110 × 94 mm	-	-	188.0 × 80 × 77 mm	188.0 × 80 × 77 mm

NETWORK CAMERAS

Special Series

- 2MP & 4MP
- Various lens options
- WDR
- Audio & Alarm port
- Supports Face, Human, and Vehicle Detection
- Smart Events: Intrusion, Single-line Crossing, Double-line Crossing, Loitering, Wrong Way (the five functions support accurate vehicle and human detection), People Counting



Certified



120dB









Edge AI



2MP/4MP








Special Series

	Covert Cameras					
Model	SNMNC8046KBA1S1B	SNMNC8046KBA1S1P	SNMNC8120KBA1S1B	SNMNC8120KBA1S1P	SNMNC8120AGB	SNMNC8120AGP
Appearance						
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Lens	2.8mm/F2.0 (Fixed)	3.7mm/F2.0 (Pinhole)	2.8mm/F2.0 (Fixed)	3.7mm/F2.0 (Pinhole)	2.8mm/F2.0 (Fixed)	3.7mm/F2.0 (Pinhole)
FOV-H	H: 105.2° , V: 58.2°	H: 71° , V: 37.9°	H: 113.7° , V: 59.6°	H: 82.9° , V: 41.1°	H: 113.9° , V: 60.2°	H: 81.9° , V: 40.8°
Day and Night	Fixed filter	Fixed filter	Fixed filter	Fixed filter	Fixed filter	Fixed filter
Min. Illumination(lux)	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON)	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON)	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON)	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON)	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON)	Color: 0.01Lux @(F2.0, AGC ON), B/W: 0.001Lux @(F2.0, AGC ON)
WDR	True WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	-	-	-	-	-	-
Max. Resolution	2592 × 1520 (4MP)	2592 × 1520 (4MP)	1920 × 1080 (2MP)	1920 × 1080 (2MP)	1920 × 1080 (2MP)	1920 × 1080 (2MP)
Frames Per Second	25/30fps @4MP	25/30fps @4MP	25/30fps @2MP	25/30fps @2MP	25/30fps @2MP	25/30fps @2MP
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		Support Face, Human, Vehicle Detection. Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way.			
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Alarm In/Out	2/1	2/1	2/1	2/1	2/1	2/1
Memory Slot	Micro SD, Max. 1 TB	Micro SD, Max. 1 TB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	-	-	-	-	-	-
Operating Temperature	-30° C~55° C (-22° F ~131° F)	-30° C~55° C (-22° F ~131° F)	-30° C~55° C (-22° F ~131° F)	-30° C~55° C (-22° F ~131° F)	-30° C~55° C (-22° F ~131° F)	-30° C~55° C (-22° F ~131° F)
Power	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC/PoE (802.3af)	12 VDC	12 VDC
Product Size	Camera: 34.0 x 22 x 22 mm Main body: 86.0 x 75.1 x 33.5 mm	Camera: 34.0 x 22 x 22 mm Main body: 86.0 x 75.1 x 33.5 mm	Camera: 34.0 x 22 x 22 mm Main body: 86.0 x 75.1 x 33.5 mm	Camera: 34.0 x 22 x 22 mm Main body: 86.0 x 75.1 x 33.5 mm	37.6 x 44.1 x 46.5 mm	37.6 x 44.1 x 46.5 mm

NETWORK PTZ CAMERAS








	5" Smart Full-color PTZ Camera		
Model	SNIPS8655YDSZ30	SNIPS8645YDSZ30	SNIPS8641YDSZ30
Appearance	 	 	 
Image sensor	1/2.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS
Lens	5.3 to 159 mm, 30x optical zoom	7 to 210 mm, 30x optical zoom	7 to 210 mm, 30x optical zoom
FOV-H	H: 56.8° to 2.6° , V: 42.7° to 2.0°	H: 60.0° to 2.6° , V: 36.5° to 1.5°	H: 60.0° to 2.6° , V: 36.5° to 1.5°
Day and Night	ICR	ICR	ICR
Min. Illumination(lux)	YDSZ30Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with light on	Color: 0.001 Lux @(F1.6, AGC ON), B/W: 0.0005 Lux @(F1.6, AGC ON), 0 Lux with light on	Color: 0.001 Lux @(F1.6, AGC ON), B/W: 0.0005 Lux @(F1.6, AGC ON), 0 Lux with light on
WDR	True WDR	True WDR	True WDR
IR Distance	IR distance up to 150 m (492.1 ft), Warm lights distance up to 50 m (164.0 ft)	IR distance up to 250 m, Warm lights distance up to 60 m	IR distance up to 250 m (820.21 ft)
Max. Resolution	2592×1944 (5MP)	2592×1520 (4MP)	2592×1520 (4MP)
Frames Per Second	25/30fps @5MP	25/30fps @4MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Smoke & Flame detection and Auto tracking Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart Motion Detection, People counting.		
Audio In/Out	1/1	1/1, Built-in Mic and Speaker	1/1, Built-in Mic and Speaker
Alarm In/Out	2/2	2/2	2/2
Memory Slot	Built-in SD card Slot, up to 1 TB	Built-in SD card Slot, up to 1 TB	Built-in SD card Slot, up to 1 TB
Ingress Protection	IP66	IP66	IP66
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power	24 VAC/36 VDC/POE+ (802.3at) Standard Equipped: DC36V	24 VAC/36 VDC/POE+ (802.3at) Standard Equipped: DC36V	24 VAC/36 VDC/POE+ (802.3at) Standard Equipped: DC36V
Product Size	φ176.0×303.9 mm	φ176.0×303.9 mm	φ176.0×303.9 mm

	7" IR PTZ Camera				
Model	SNIPS8681WDRZ40	SNIPS8653WDRZ40	SNIPS8655WDRZ30	SNIPS8650WDRZ30	SNIPS8646WDRZ40
Appearance					
Image sensor	1/1.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS
Lens	6.8 to 272 mm, 40x optical zoom	5.0 to 200 mm, 40x optical zoom	5.3 to 159 mm, 30x optical zoom	5.3 to 159 mm, 30x optical zoom	6.8 to 272 mm, 40x optical zoom
FOV-H	H: 62.0° to 2.4°, V: 36.6° to 1.3°	H: 64.8° to 1.8°, V: 50.3° to 1.3°	H: 56.8° to 2.6°, V: 42.7° to 2.0°	H: 56.3° to 2.7°, V: 42.4° to 2.0°	H: 62.3° to 2.3°, V: 36.9° to 1.3°
Day and Night	ICR	ICR	ICR	ICR	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	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR on	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR on	Color: 0.07 Lux @(F1.6, AGC ON), B/W: 0.007 Lux @(F1.6, AGC ON), 0 Lux with IR on	Color: 0.001Lux @(F1.6, AGC ON), B/W: 0.0005Lux @(F1.6, AGC ON), 0Lux with IR on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 500 m (1640.4 ft)	Up to 300 m (984.3 ft)	Up to 200 m (984.3 ft)	Up to 200 m (656.2 ft.)	Up to 400 m (1312.3 ft.)
Max. Resolution	3840×2160 (8MP)	2592×1944 (5MP)	2592×1944 (5MP)	2592×1944 (5MP)	2688×1520(4MP)
Frames Per Second	25/30fps @8MP	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	50/60fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Smoke & Flame detection and Auto tracking Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart Motion Detection, People counting.				
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Alarm In/Out	7/2	7/2	7/2	7/2	7/2
Memory Slot	Built-in SD card Slot, up to 1 TB	Built-in SD card Slot, up to 1 TB	Built-in SD card Slot, up to 1 TB	Built-in SD card Slot, up to 256 GB	Built-in SD card Slot, up to 1 TB
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)
Power	24 VAC/36 VDC/POE++ (802.3bt) Standard Equipped: DC36V	24 VAC/36 VDC/POE++ (802.3bt) Standard Equipped: DC36V	24 VAC/36 VDC/POE++ (802.3bt) Standard Equipped: DC36V	24 VAC/36 VDC/POE++ (802.3bt) Standard Equipped: DC36V	24 VAC/36 VDC/POE++ (802.3bt) Standard Equipped: DC36V
Product Size	φ226×362.8 mm	φ226×362.8 mm	φ226×362.8 mm	φ226×362.8 mm	φ226×362.8 mm




EXPLOSION-PROOF CAMERA



Explosion-Proof Network Cameras

	Explosion-proof Network Cameras			
Model	SNCHP8650CDNZ30	SNCHP8650CDRZ30	SNCHP8650EBRZ30	SNCHP8641EBRZ37
Appearance				 
Image sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS
Lens	5.3 to 159 mm, 30x optical zoom	5.3 to 159 mm, 30x optical zoom	5.3 to 159 mm, 30x optical zoom	6.8 to 251 mm, 37x optical zoom
FOV-H	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 60.4° to 2.5° , V: 36.5° to 1.5°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.07Lux @(F1.6, AGC ON), B/W: 0.02Lux @(F1.6, AGC ON)	Color: 0.07Lux @(F1.6, AGC ON), B/W: 0.02Lux @(F1.6, AGC ON), 0Lux with IR	Color: 0.07Lux @(F1.6, AGC ON), B/W: 0.02Lux @(F1.6, AGC ON), 0Lux with IR	Color: 0.001Lux @(F1.5, AGC ON), B/W: 0.0001Lux @(F1.5, AGC ON), 0Lux with IR
WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	-	Up to 100 m (328.08ft)	Up to 200 m (656.17ft)	Up to 300 m (984.25ft)
Max. Resolution	2592 × 1944 (5MP)	2592 × 1944 (5MP)	2592 × 1944 (5MP)	2592×1520 (4MP)
Frames Per Second	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	25/30fps @4MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Smoke & Flame detection and Auto tracking Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart Motion Detection, People counting.			
Audio In/Out	1/1	1/1	1/1	1/1
Alarm In/Out	2/1	2/1	2/1	2/1
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP68	IP68	IP68	IP68
Operating Temperature	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)
Power	100 to 240 VAC, Max. 15W	100 to 240 VAC, Max. 30W	100 to 240 VAC, Max. 36W	100 to 240 VAC, Max. 36W
Product Size	524 × 179 × 215 mm	523.5 × 296.7 × 220.6 mm	523.5 × 405.6 × 220.6 mm	523.5 × 405.6 × 220.6 mm

Explosion-Proof Network Cameras

	Explosion-proof Network PTZ Cameras			
Model	SNIPT8650PARZ30	SNIPT8641PARZ37	SNIPT8650PANZ30	SNIPS8652PCDNZ15
Appearance		 		
Image sensor	1/2.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	5.3 to 159 mm, 30x optical zoom	6.8 to 251 mm, 37x optical zoom	5.3 to 159 mm, 30x optical zoom	5.3 to 79.5 mm, 15x optical zoom
FOV-H	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 60.4° to 2.5° , V: 36.5° to 1.5°	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 56.2° to 4.5° , V: 42.3° to 3.3°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.07Lux @(F1.6, AGC ON), B/W: 0.02Lux @(F1.6, AGC ON), 0Lux with IR	Color: 0.001Lux @(F1.5, AGC ON), B/W: 0.0001Lux @(F1.5, AGC ON), 0Lux with IR	Color: 0.07Lux @(F1.6, AGC ON), B/W: 0.02Lux @(F1.6, AGC ON)	Color: 0.01Lux @(F1.6, AGC ON) B/W: 0.001Lux @(F1.6, AGC ON)
WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	Up to 200 m (656.2ft)	Up to 300 m (984.25ft)	-	-
Max. Resolution	2592 × 1944 (5MP)	2592×1520 (4MP)	2592 × 1944 (5MP)	2592 × 1944 (5MP)
Frames Per Second	25/30fps @5MP	25/30fps @4MP	25/30fps @5MP	25/30fps @5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Smoke & Flame detection and Auto tracking Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart Motion Detection, People counting.			
Audio In/Out	1/1	1/1	1/1	-/-
Alarm In/Out	5/1	5/1	5/1	-/-
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP68	IP68	IP68	IP68
Operating Temperature	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-20° C to 50° C (-40° F to140° F)
Power	100 to 240 VAC, Max. 75W	100 to 240 VAC, Max. 75W	100 to 240 VAC, Max. 60W	100 to 240 VAC, Max. 15W
Product Size	530 × 295 × 420 mm	530 × 295 × 420 mm	390 × 295 × 420 mm	Φ238 × 386 mm (Bracket not included)

ANTI CORROSION CAMERA



Anti-Corrosion Network Cameras

	Anti-corrosion Network Cameras				
Model	SNCHP8650CDNZ30SSFF	SNCHP8650EBRZ30SSFF	SNIPS8652PCDNZ15SSFF	SNIPT8650PANZ30SSFF	SNIPT8650PARZ30SSFF
Appearance					
Image sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	5.3 to 159 mm, 30x optical zoom	5.3 to 159 mm, 30x optical zoom	5.3 to 79.5 mm, 15x optical zoom	5.3 to 159 mm, 30x optical zoom	5.3 to 159 mm, 30x optical zoom
FOV-H	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 56.2° to 4.5° , V: 42.3° to 3.3°	H: 56.3° to 2.7° , V: 42.4° to 2.0°	H: 56.3° to 2.7° , V: 42.4° to 2.0°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.07 Lux @(F1.6, AGC ON), B/W: 0.02 Lux @(F1.6, AGC ON)	Color: 0.07 Lux @(F1.6, AGC ON), B/W: 0.02 Lux @(F1.6, AGC ON), 0Lux with IR on	Color: 0.01 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON)	Color: 0.07 Lux @(F1.6, AGC ON), B/W: 0.02 Lux @(F1.6, AGC ON)	Color: 0.07 Lux @(F1.6, AGC ON), B/W: 0.02 Lux @(F1.6, AGC ON), 0Lux with IR on
WDR	True WDR	True WDR	True WDR	True WDR	True WDR
IR Distance	-	Up to 200 m (656.17 ft.)	-	-	Up to 200 m (656.2 ft.)
Max. Resolution	2592 × 1944 (5MP)	2592 × 1944 (5MP)	2592 × 1944 (5MP)	2592 × 1944 (5MP)	2592 × 1944 (5MP)
Frames Per Second	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP	25/30fps @5MP
Smart Function	Support Face, Human, Vehicle Detection and Capture. Smoke & Flame detection and Auto tracking Intelligent Analysis: Intrusion, Single / Double line crossing, Loitering, Wrong-way, Illegal parking, Smart Motion Detection, People counting.				
Audio In/Out	1/1	1/1	-/-	1/1	1/1
Alarm In/Out	2/1	2/1	-/-	5/2	5/1
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP68	IP68	IP68	IP68	IP68
Operating Temperature	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-20° C to 50° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)	-40° C to 60° C (-40° F to140° F)
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Product Size	522 × 176 × 215.1 mm	523.5 × 405.6 × 220.6 mm	Φ238 × 386 mm (Bracket not included)	390 × 295 × 420 mm	530 × 295 × 420 mm

THERMAL CAMERA



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 Cameras

	Bi-Spectrum Series	
Model	SND2L	SND2P
Appearance		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	12μm	12μm
Sensitivity (NETD)	≤ 60mK	≤ 40mK
Resolution (Thermal)	256 × 192	256 × 192
Sensor (Optical)	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution (Optical)	1600 × 1200	1600 × 1200
Lens	Thermal: 2.0 mm Optical: 2.3 mm	Thermal: 2.0 mm Optical: 2.3 mm
FOV (Thermal)	H: 90° , V: 65°	H: 90° , V: 65°
Temperature Range	-20° C to 150° C (-4° F to 302° F)	-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	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)
Smart Function	Smoke and Fire detection, fire point detection	Smoke and Fire detection, fire point detection
Intelligent Analysis	-	-
Audio In/Out	-/-	Built-in Mic
Alarm In/Out	1/1	1/1
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 512 GB
Ingress Protection	IP67	IP67
Operating Temperature	From -30° C to 60° C (-22° F to 140° F)	From -30° C to 60° C (-22° F to 140° F)
Power	10 to 30 VDC, Max. 5.4W	12 VDC±20%, Max. 3W
Product Size	55 × 46 × 118 mm	55 × 36 × 118 mm





Thermal Cameras

	Bi-Spectrum Series			
Model	SNTPC2553CTF	SNTPC2553DRTF	SNTPC4233DJTF	SNTPC6457DLTF
Appearance				
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	12μm	12μm	17μm	12μm
Sensitivity (NETD)	≤ 50mK	≤ 40mK	≤ 40mK	≤ 40mK
Resolution (Thermal)	256 × 192	256 × 192	400 × 300	640 × 512
Sensor (Optical)	1/2.8" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/1.8" CMOS
Max. Resolution (Optical)	2560 × 1440	2880 × 1620	1920 × 1080	2688 × 1520
Lens	Thermal: 3.5 or 7 mm Optical: 4 to 8 mm	Thermal: 3.5, 7 or 10 mm Optical: 4 to 8 mm	Thermal: 8, 15, 25, 35 or 50 mm Optical: 5 to 50 mm	Thermal: 9, 15, 25, 35 or 50 mm Optical: 5 to 50 mm
FOV (Thermal)	3.5 mm: 48° × 36° 7 mm: 24° × 18°	3.5 mm: 48° × 36° 7 mm: 24° × 18° 10 mm: 17° × 13°	8 mm: 46° × 35.3° , 15 mm: 25.5° × 19.2° 25 mm: 15.4° × 11.6° , 35 mm: 11° × 9° 50 mm: 7.7° × 5.8°	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)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm		Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)		3 temperature measurement rule types (spot, areas, line)	
Smart Function	Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection		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		Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	1/1, Built-in Mic and Speaker	1/1, Built-in Speaker	1/1	1/1, Built-in Mic and Speaker
Alarm In/Out	1/1	2/2	2/2	2/2
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)
Power	12 VDC/24 VDC/PoE (802.3af), Max. 10W	12 VDC/24 VDC/PoE (802.3af), Max. 12W	12 VDC/PoE+ (802.3at), Max. 24W	12 VDC/24 VAC/PoE+ (802.3at)
Product Size	φ140 × 117.8 mm	303 × 95 × 107 mm	(244.8 to 274.8) × 180.5 × 126.8 mm	(327.4 to 347.4) × 140.04 × 120.72 mm





Thermal Cameras

	Bullet Thermal Series			
Model	SNTPC4201KTF (III)	SNTPC4203KTF	SNTPC4207KTF	SNTPC6406KTF
Appearance				
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	17μm	17μm	17μm	12μm
Sensitivity (NETD)	≤ 40mK	≤ 40mK	≤ 40mK	≤ 40mK
Resolution (Thermal)	400 × 300	400 × 300	384 × 288	640 × 512
Sensor (Optical)	-	-	-	-
Max. Resolution (Optical)	-	-	-	-
Lens	8, 15, 25, 35 or 50 mm	8, 15, 25, 35 or 50 mm	9, 15, 25, 35 or 50 mm	9, 15, 25, 35 or 50 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°	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°	9 mm: 37° × 28°, 15 mm: 28° × 21° 25 mm: 14° × 11°, 35 mm: 10° × 8° 50 mm: 7.4° × 5.6°	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	-20° C to 150° C (-4° F to 302° F), ±2° C	-20° C to 150° C (-4° F to 302° F), ±8° C	-20° C to 150° C (-4° F to 302° F), ±2° C
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)
Smart Function	-	Human / Vehicle, and Fire point detection	Human / Vehicle, Smoking, and Fire point detection	Human / Vehicle, Smoking, and Fire point detection
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Object left, Object removed	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting		
Audio In/Out	1/1	1/1	1/1	1/1
Alarm In/Out	2/2	2/2	2/2	2/2
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	From -30° C to 60° C (-22° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)
Power	12 VDC/24 VAC/PoE (802.3af), Max 5W	12 VDC/24 VAC/PoE (802.3af), Max 5W	12 VDC/24 VAC/PoE (802.3af), Max 4.5W	12 VDC/24 VAC/PoE (802.3af), Max 3.5W
Product Size	φ110 × 388 mm	φ110 × 388 mm	φ120.5 × 315.9 or 352.6 mm	φ120.5 × 315.9 or 352.6 mm




Thermal Cameras

	PTZ Thermal Series			
Model	SNTPT4233QFFM	SNTPT6436QFFM	SNTPT4233LZFM	SN-TPT6436LZ-F/M
Appearance				
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	17μm	12μm	17μm	12μm
Sensitivity (NETD)	≤ 40mK	≤ 40mK	≤ 40mK	≤ 40mK
Resolution (Thermal)	400 × 300	640 × 512	400 × 300	640 × 512
Sensor (Optical)	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Max. Resolution (Optical)	2592 × 1520	2592 × 1520	2592 × 1520	2592 × 1520
Lens	Thermal: -F: 8, 15 or 25 mm -M: 25 mm Optical: 5.3 to 159 mm	Thermal: -F: 9, 15 or 25 mm -M: 25 mm Optical: 5.3 to 159 mm	Thermal: -F: 8, 15, 25, 35 or 50 mm -M: 25 or 50 mm Optical: 5.3 to 159 mm	Thermal: -F: 9, 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°	9 mm: 48° × 38° 15 mm: 32° × 26° 25 mm: 17° × 14°	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°	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)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm		Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)
Smart Function	Human / Vehicle, Smoke & Flame, and Fire point detection		Human / Vehicle, Smoke & Flame, and Fire point detection	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting		Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	1/1	1/1	2/2	2/2
Alarm In/Out	-/1	-/1	9/4	9/4
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	From -30° C to 60° C (-22° F to 140° F)	From -30° C to 60° C (-22° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)
Power	24 VDC, Max. 40W	24 VDC, Max. 40W	36 VDC, Max. 80W	36 VDC, Max. 80W
Product Size	323 × 192.5 × 177 mm	323 × 192.5 × 177 mm	419 × 282 × 316 mm	419 × 282 × 316 mm





Thermal Cameras

	PTZ Thermal Series			
Model	SNTPT4233ZZM	SNTPT6436ZZM	SNTPT4233LPZM	SNTPT6436LPZZ
Appearance				
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	17μm	12μm	17μm	12μm
Sensitivity (NETD)	≤ 40mK	≤ 40mK	≤ 40mK	≤ 40mK
Resolution (Thermal)	400 × 300	640 × 512	400 × 300	640 × 512
Sensor (Optical)	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS
Max. Resolution (Optical)	2592 × 1520	2592 × 1520	2592 × 1520	2592 × 1520
Lens	Thermal: 25, 50, 75 or 100 mm Optical: 6.8 to 251 mm	Thermal: 25, 50, 75 or 100 mm Optical: 6.8 to 251 mm	Thermal: 75 or 100 mm Optical: 6.8 to 251 mm	Thermal: 26 to 105 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°	25 mm: 17° × 14°, 50 mm: 8° × 7°, 75 mm: 6° × 5°, 100 mm: 4.3° × 3.5°	75 mm: 5.1° × 3.8° 100 mm: 3.8° × 2.3°	H: 16.8° × 4.2°, V: 13.4° × 3.4°
Temperature Range	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm		Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)		3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)
Smart Function	Human / Vehicle, Smoke & Flame, and Fire point detection		Human / Vehicle, Smoke & Flame, and Fire point detection (Ship detection optional)	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting		Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting	
Audio In/Out	2/2	2/2	2/2	2/2
Alarm In/Out	9/4	9/4	9/4	9/4
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)
Power	36 VDC, Max. 100W	36 VDC, Max. 100W	36 VDC, Max. 150W	36 VDC, Max. 150W
Product Size	294 × 420 × 536 mm	294 × 420 × 536 mm	594 × 350 × 337 mm	594 × 350 × 337 mm

Thermal Cameras

	PTZ Thermal Series		
Model	SNTPT4233H2M	SNTPT6436H2M	SNTPT6436H2Z
Appearance			
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	17μm	12μm	12μm
Sensitivity (NETD)	≤ 40mK	≤ 40mK	≤ 40mK
Resolution (Thermal)	400 × 300	640 × 512	640 × 512
Sensor (Optical)	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/1.8" STARVIS™ CMOS
Max. Resolution (Optical)	2560 × 1440	2560 × 1440	2560 × 1440
Lens	Thermal: 75 or 100 mm Optical: 12.5 to 400, 15.6 to 500, 12.5 to 750 or 16.7 to 1000 mm	Thermal: 75 or 100 mm Optical: 12.5 to 400, 15.6 to 500, 12.5 to 750 or 16.7 to 1000 mm	Thermal: 30 to 150 mm Optical: 10 to 860 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°	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10° 50 mm: 8° × 7°	H: 14.5° to 2.9°, V: 11.6° to 2.3°
Temperature Range	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)	-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, and Fire point detection (Ship detection optional)		
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting		
Audio In/Out	2/2	2/2	2/2
Alarm In/Out	3/3	3/3	3/3
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP66	IP66	IP66
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)
Power	36 VDC, Max. 150W	36 VDC, Max. 150W	36 VDC, Max. 150W
Product Size	730 × 443 × 636 mm	730 × 443 × 636 mm	730 × 443 × 636 mm

Thermal Cameras

	Thermography Speed Dome Series			
Model	SNTPS4157ETF	SNTPS4157ETM	SNTPS6457ETM	SNTPS6457ELTM
Appearance				 4G
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	12μm	12μm	12μm	12μm
Sensitivity (NETD)	≤ 40mK	≤ 40mK	≤ 40mK	≤ 40mK
Resolution (Thermal)	384 × 288	384 × 288	640 X 512	384 × 288
Sensor (Optical)	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS	1/1.8"STARVIS™ CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520
Lens	Thermal: 5, 7 or 15 mm Fixed lens Optical: 6.8 to 251 mm, 40x optical zoom	Thermal: 25 mm Motorized lens Optical: 6.8 to 251 mm, 40x optical zoom	Thermal: 25 mm Motorized lens Optical: 6.8 to 251 mm, 40x optical zoom	Thermal: 25 mm Motorized 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°	25 mm: H: 10.5° , V: 7.9°	25 mm: H: 17° , V: 14°	25 mm: H: 17° , V: 14°
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%		-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%	
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm		Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)		3 temperature measurement rule types (spot, areas, line)	
Mobile Communication	-	-	-	4G Wireless Network Transmission
Intelligent Video	Human/Vehicle detection, fire point detection, smoking detection and smoke & flame detection, IVS, Cold/hot spot tracking, Human/Vehicle tracking		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	1/1	1/1	1/1
Alarm In/Out	7/2	7/2	7/2	7/2
Memory Slot	Micro SD, Max. 1TB	Micro SD, Max. 1TB	Micro SD, Max. 1TB	Micro SD, Max. 1TB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)
Power	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W	24 VAC/36 VDC/PoE++ (802.3bt), Max. 45W

Explosion-proof Thermal Cameras

	Explosion-proof Series			
Model	SNTPH4203DAF	SNTPH6406DAF	SNTPT4233PAFM	SNTPH6436PAFM
Appearance				
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	17μm	12μm	17μm	12μm
Sensitivity (NETD)	≤ 40mK	≤ 40mK	≤ 40mK	≤ 40mK
Resolution (Thermal)	400 × 300	640 × 512	400 × 300	640 × 512
Sensor (Optical)	-	-	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution (Optical)	-	-	2592 × 1520	2592 × 1520
Lens	-F: 8, 15, 25, 35 or 50 mm -M: 25 or 50 mm	-F: 9, 15, 25, 35 or 50 mm -M: 25 or 50 mm	Thermal: -F: 8, 15, 25, 35 or 50 mm -M: 25 or 50 mm Optical: 5.3 to 159 mm	Thermal: -F: 9, 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°	9 mm: 48° × 38°, 15 mm: 32° × 26° 25 mm: 17° × 14°, 35 mm: 12° × 10° 50 mm: 8° × 7°	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°	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)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)	-20° C to 150° C (-4° F to 302° F)
Temperature Alarm	Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm		Threshold alarm, Temperature difference alarm, Temperature section alarm, Temperature rise alarm	
Measurement Rule	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)	3 temperature measurement rule types (spot, areas, line)
Smart Function	Human / Vehicle, Smoking, and Fire point detection (Ship detection optional)		Human / Vehicle, Smoke & Flame, Smoking, and Fire point detection (Ship detection optional)	
Intelligent Analysis	Intrusion, Single / Double line crossing, Loitering, Wrong-way, Enter / Leave area, and People counting			
Audio In/Out	1/1	1/1	1/1	1/1
Alarm In/Out	2/1	2/1	5/1	5/1
Memory Slot	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB	Micro SD, Max. 256 GB
Ingress Protection	IP68	IP68	IP68	IP68
Operating Temperature	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)	From -40° C to 60° C (-40° F to 140° F)
Power	100 to 240 VAC, Max. 25W	100 to 240 VAC, Max. 25W	100 to 240 VAC, Max. 75W	100 to 240 VAC, Max. 75W
Product Size	464 × 166 × 171 mm	464 × 166 × 171 mm	567 × 360 × 494 mm	567 × 360 × 494 mm

NVR



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 Series

	8HDD NVR			4HDD NVR	
Model	SNNVR3932E8J	SNNVR3932E8JA	SNNVR3964E8J	SNNVR3932E4JA	SNNVR3964E4J
Appearance					
Video Inputs	32 Channels	32 Channels	64 Channels	32 Channels	64 Channels
Incoming/Outgoing Bandwidth	320Mbps/320Mbps	320Mbps/320Mbps	400Mbps/400Mbps	320Mbps/320Mbps	400Mbps/400Mbps
Max. Decoding	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1	4ch 12MP, 8ch 8MP, 16ch 4MP, 32ch 1080P	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1
Recording Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Display	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA
Max. HDD	8×16TB	8×16TB	8×16TB	4×16TB	4×16TB
RAID	RAID 0/1/5/6/10	RAID 0/1/5/6/10	RAID 0/1/5/6/10	RAID 0/1/5/6/10	RAID 0/1/5/6/10
eSATA	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Alarm In/Out	16/6	16/6	16/6	16/4	16/6
Network Interface	2×1000M Ports	2×1000M Ports	2×1000M Ports	2×1000M Ports	2×1000M Ports
PoE Port	-	-	-	-	-
USB Port	2×USB 2.0, 2×USB3.0	2×USB 2.0, 2×USB3.0	2×USB 2.0, 2×USB3.0	2×USB 2.0, 1×USB3.0	2×USB 2.0, 2×USB3.0
Power	100 to 240 VAC ≤ 15W (Without HDD)	100 to 240 VAC ≤ 15W (Without HDD)	100 to 240 VAC ≤ 15W (Without HDD)	100 to 240 VAC ≤ 15W (Without HDD)	100 to 240 VAC ≤ 15W (Without HDD)
Smart Function	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.

Pro Series

	2HDD NVR				IHDD NVR
Model	SNNVR3908E2J	SNNVR3916E2J	SNNVR3908E2P8JA	SNNVR3916E2P16JA	SNNVR3704E1P4
Appearance					
Video Inputs	8 Channels	16 Channels	8 Channels	16 Channels	4 Channels
Incoming/Outgoing Bandwidth	160Mbps/160Mbps	320Mbps/320Mbps (288Mbps with AI enabled)	160Mbps/160Mbps	320Mbps/320Mbps (288Mbps with AI enabled)	40Mbps/40Mbps
Max. Decoding	1ch 12MP, 4ch 8MP, 8ch 4MP	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P	1ch 12MP, 4ch 8MP, 8ch 4MP	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P	1ch 8MP, 4ch 1080P
Recording Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Display	2HDMI, 1VGA	2HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA
Max. HDD	2×12TB	2×12TB	2×12TB	2×12TB	1×8TB
RAID	-	-	RAID 5/6/10	RAID 5/6/10	-
eSATA	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	-
Audio In/Out	1/1	1/1	1/1	1/1	-/1
Alarm In/Out	6/2	6/2	6/2	6/2	-/-
Network Interface	2×1000M Ports	2×1000M Ports	2×1000M Ports	2×1000M Ports	1×100M Ports
PoE Port	-	-	8 Ports (IEEE802.3at/af), Max 80W	16 Ports (IEEE802.3at/af), Max 128W	4 Ports (IEEE802.3af), Max 24W
USB Port	2×USB 2.0, 1×USB3.0	2×USB 2.0, 1×USB3.0	2×USB 2.0, 1×USB3.0	2×USB 2.0, 1×USB3.0	3×USB 2.0
Power	12 VDC/3A ≤ 15W (Without HDD)	12 VDC/3A ≤ 15W (Without HDD)	100 to 240 VAC ≤ 15W (Without HDD)	100 to 240 VAC ≤ 15W (Without HDD)	DC48V/1.25A ≤ 5W (Without HDD)
Smart Function	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	Deep learning-based video analysis, AI recognition, or intrusion detection with 4 channels based on human and vehicle detection.	



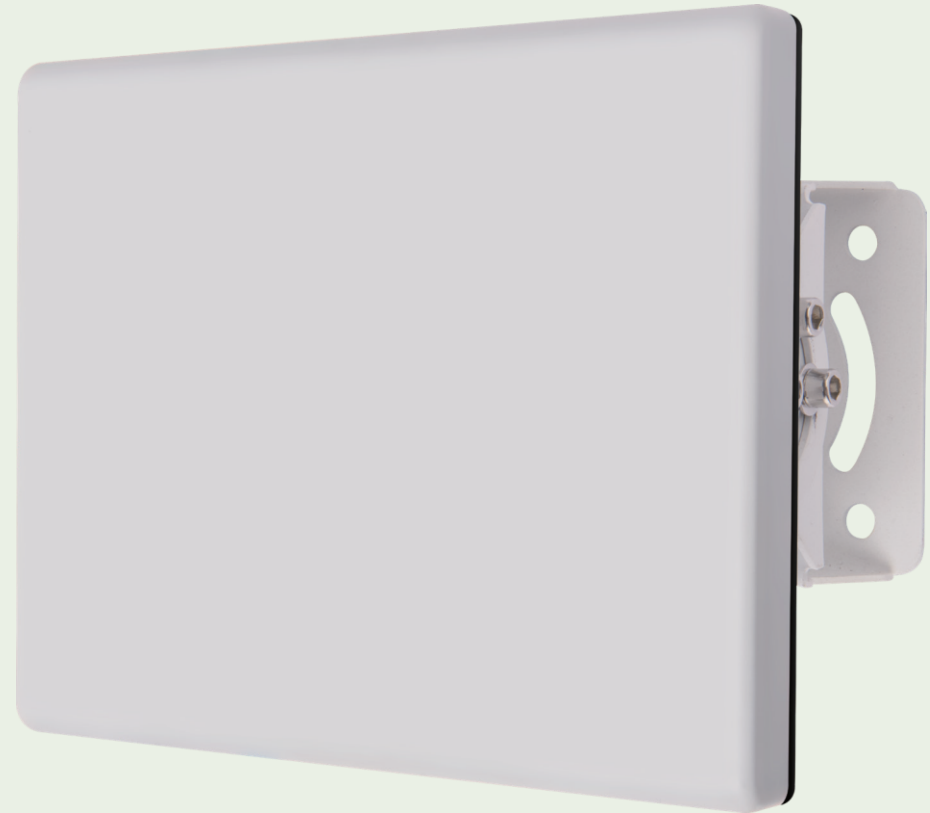
SECURITY RADAR



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**

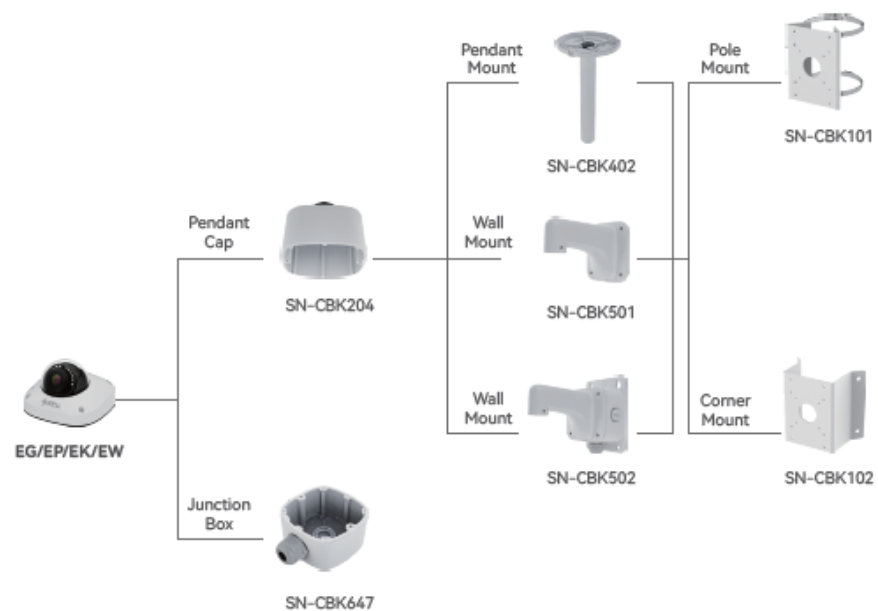
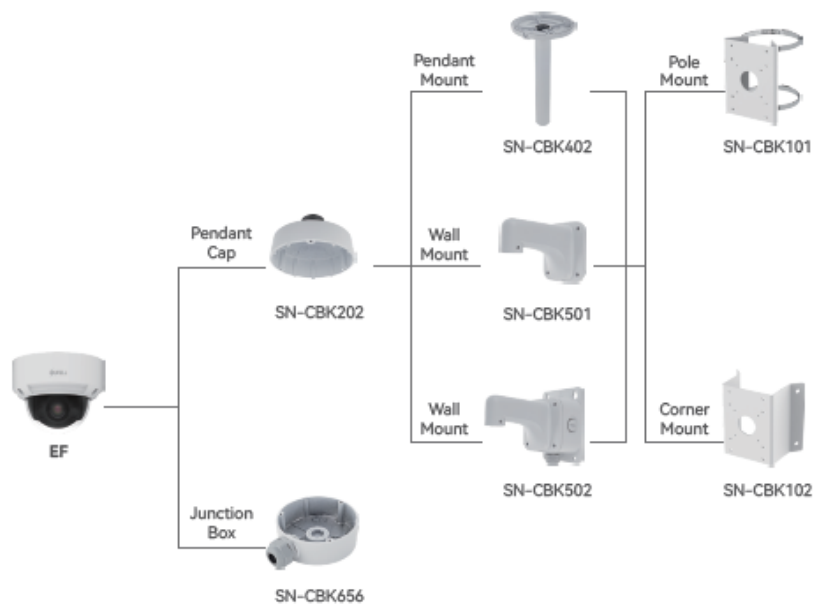
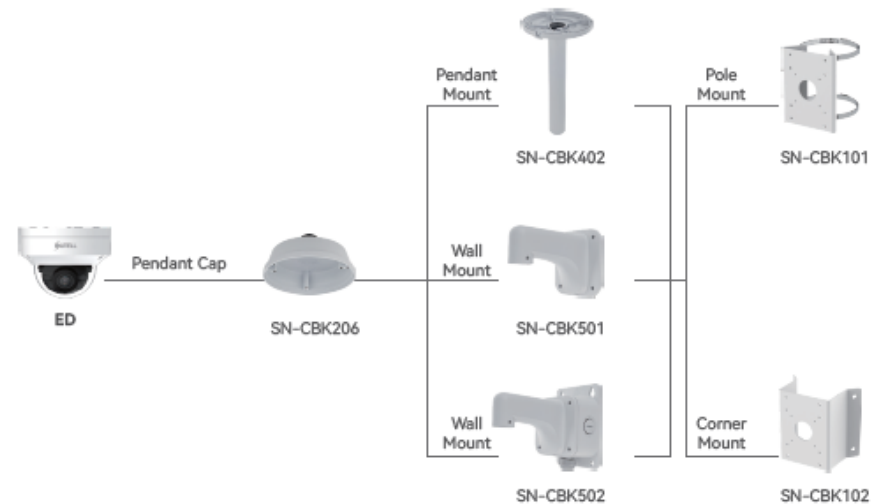
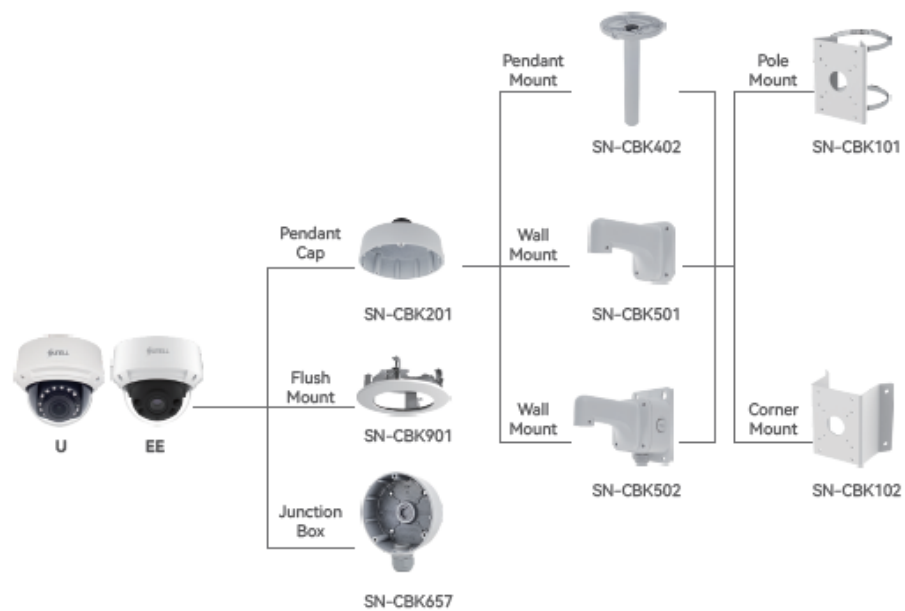
Security Radar

	Security Radar				
Model	SNSMWR01A	SNSMWR02A	SNSMWR03A	SNSMWR03W	SNSMWR21AP
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	0.5 to 30 m/s	0.5 to 30 m/s	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	Radar triggers an alarm, linkage video review	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)

ACCESSORIES



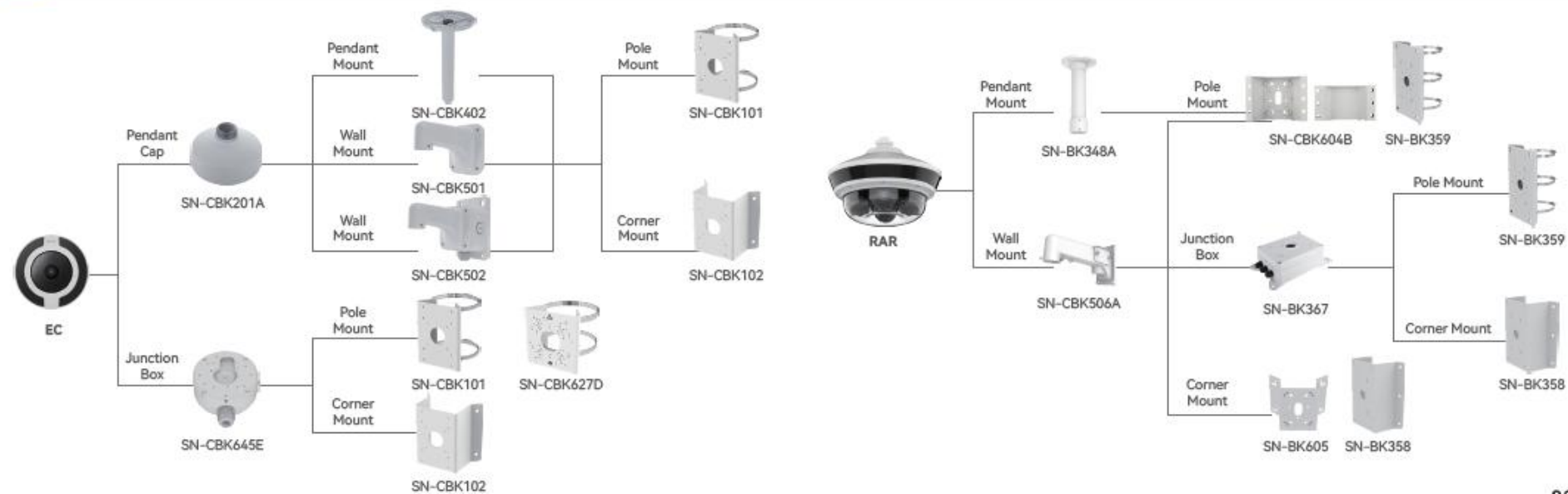




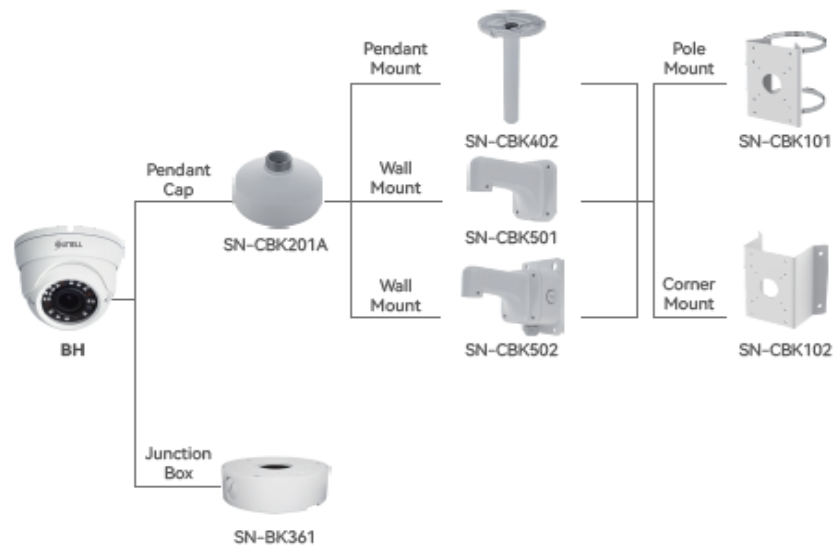
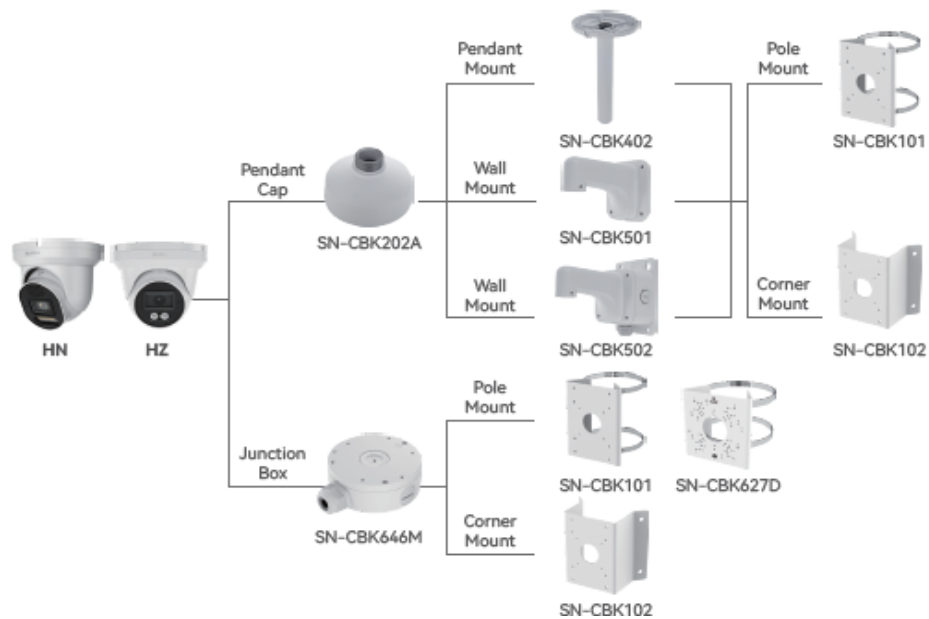
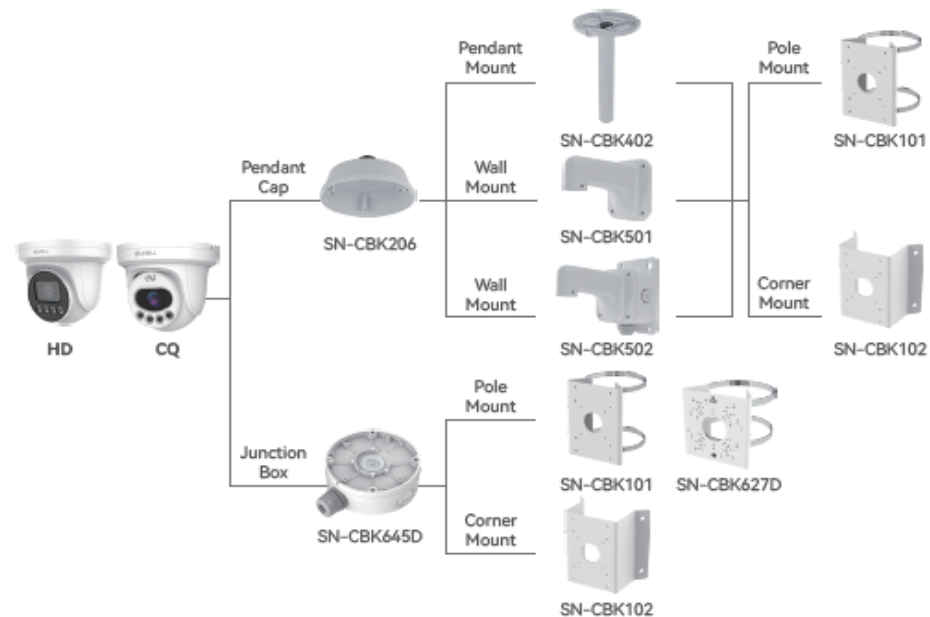
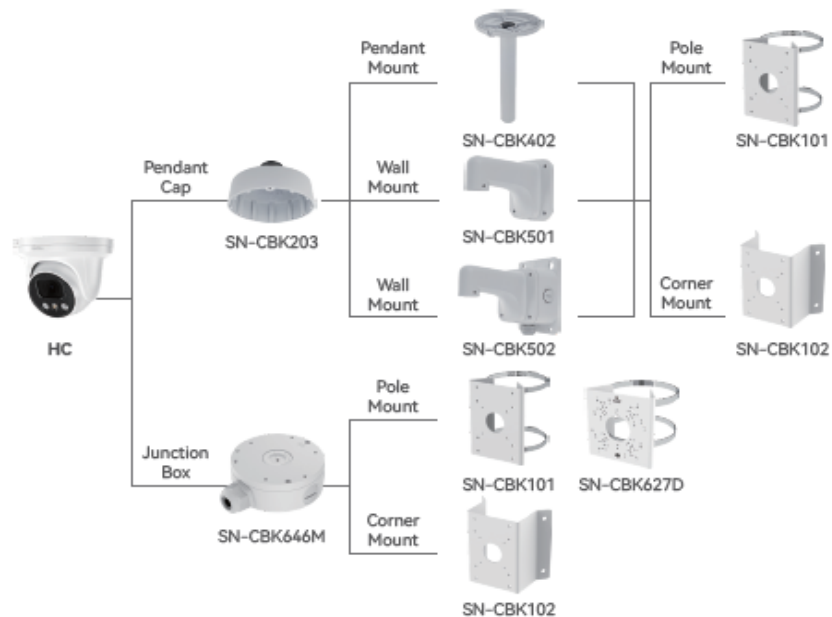
Bullet Camera Mount



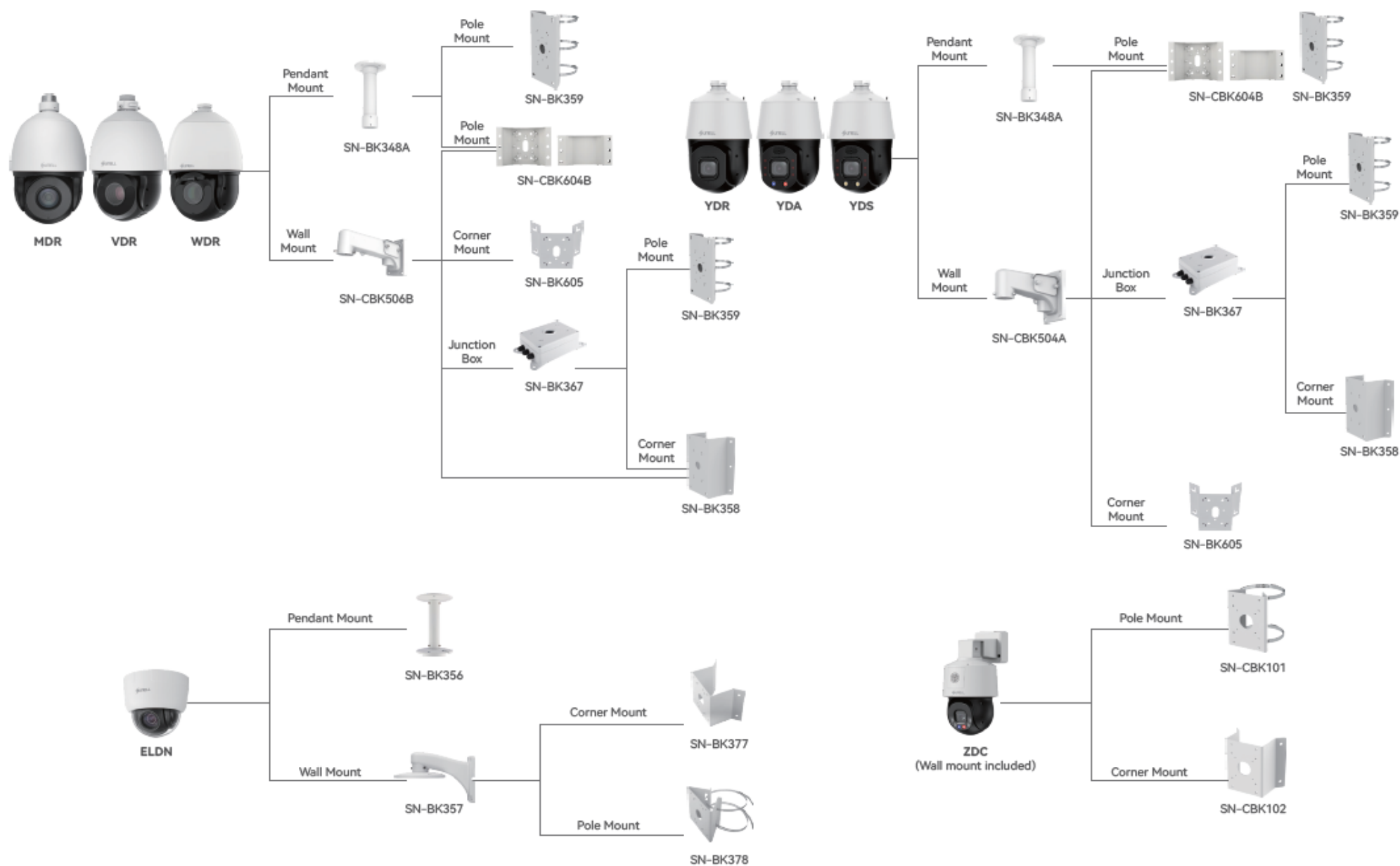
Panoramic Camera Mount



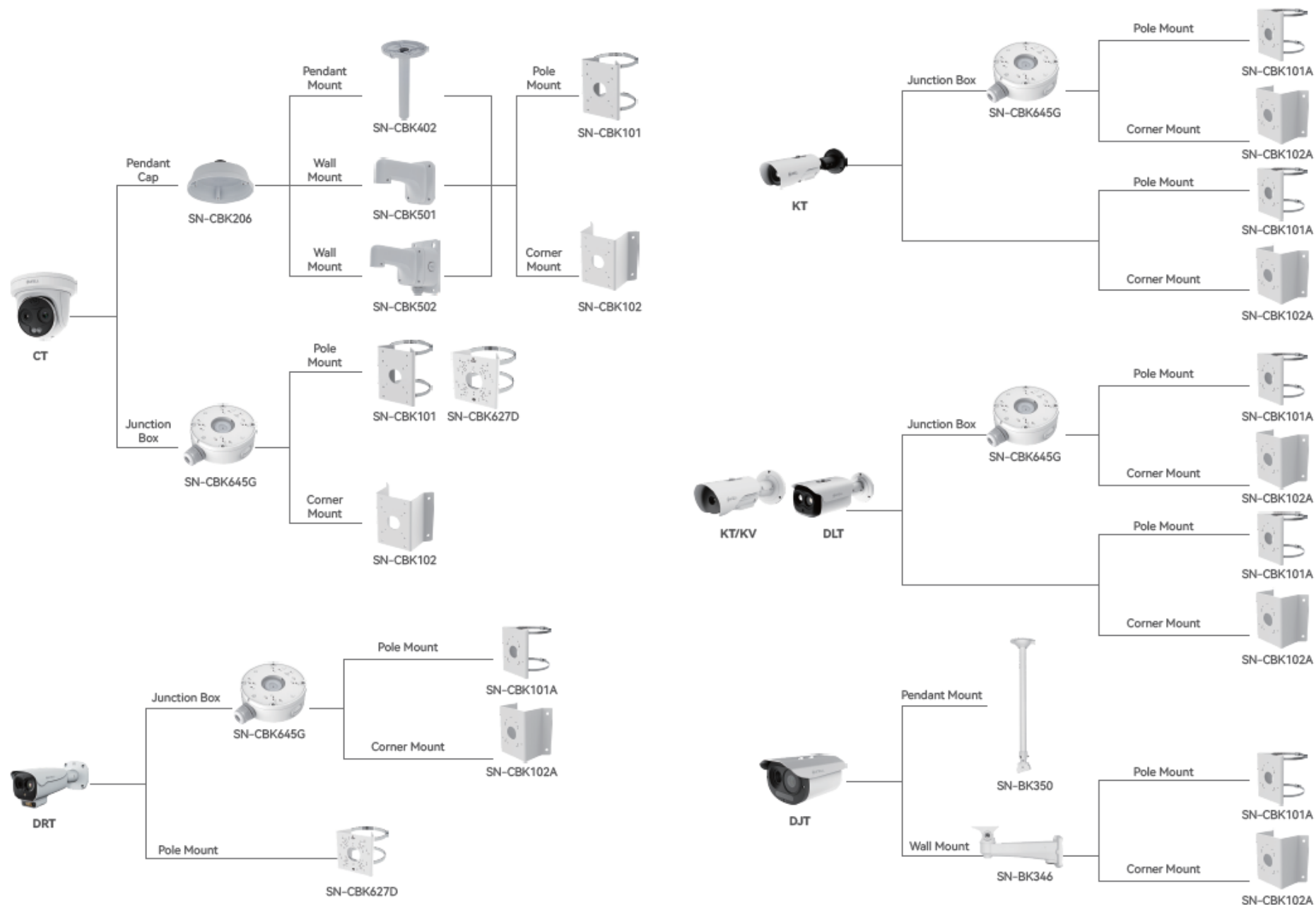
Turret Camera Mount



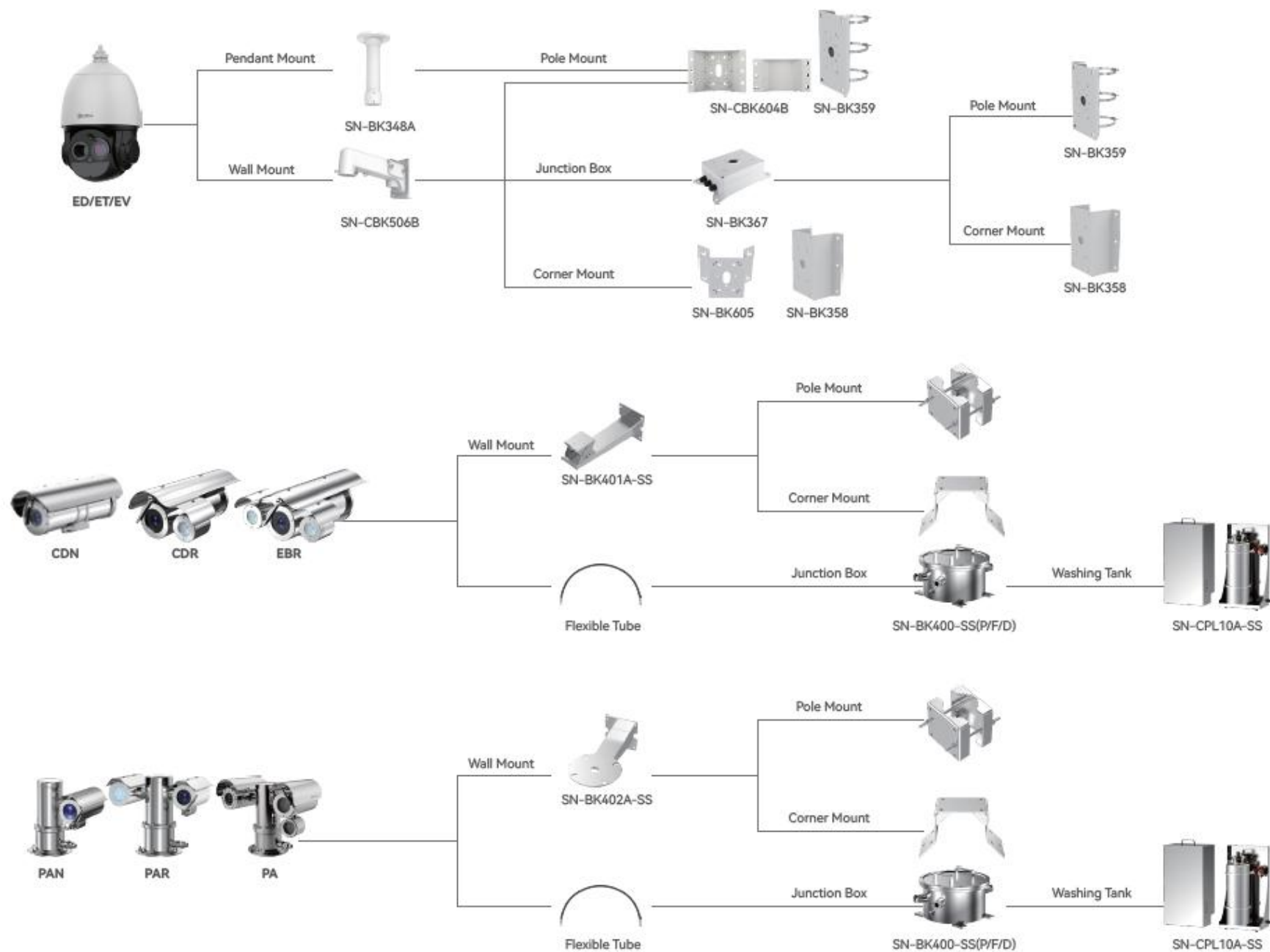
PTZ Camera Mount



Thermal Camera Mount



Thermal Camera Mount





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