



VIDEO SURVEILLANCE PRODUCTS
**SELECTION
GUIDE**

Ver.4.0



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GLOBAL AI VIDEO SOLUTION PROVIDER



200+
R&D engineers



110+
Products sold to 110+
countries and regions

Since its foundation in 1997, Sunell has been committing to the research, development and innovation in the intelligent video products and solutions, and has been the leading company in surveillance industry in China.

With its headquarter located in Shenzhen, Sunell has 24 branch offices in China and has international branch office in Hongkong. Sunell's products have served in 113 countries and regions around the globe, and have provided security for billions of people.

Sunell insists on the independent technology innovation, and has constructed international high level R&D platform. The average annual R&D investment accounts for 10% of the sales volume, and part of the independent technology ranks in the leading level internationally.

Sunell was rewarded with 'top 10 in ai application in 2018', 'China smart city, recommended brand' for 3 years straight, 'Top 10 Chinese CCTV brand' in continuous 11 years, and 'top 10 scholarly enterprise of Shenzhen city'.



Rooted in Shenzhen, Sunell always regards 'creation beyond customers expectations' as its continuous motive power for development. With open cooperation idea and agile marketing network, Sunell has assisted the construction of the smart city as well as increase safety in the industries of finance, energy source, forest, transportation, intelligent building, civil fields etc, providing a high quality safe life for people.

In the times when the internet technology drives the revolution of various industries, Sunell has been persisting in the innovation. With the philosophy of 'loyal to video industry, but not limited to the security' and 'connecting with more secured world', Sunell has endeavored to provide more competitive products and solutions for ISP, enterprises and consumers.





AI SERIES

2.0MP SmartEye Camera				
Model	SN-IPR5921HAN-J2	SN-IPR5821BYAN-J2	SN-IPR5821BZAN-J2-Z	SN-IPR5821BZAN-J3-Z
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	CS-Mount Lens	6mm/F2.0, 8mm/F2.0	2.7~13.5mm/F1.3 (Motorized)	2.7~13.5mm/F1.3 (Motorized)
FOV-H	-	52°, 40°	105°~30°	105°~30°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0.001Lux@(F1.2,AGC ON)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	-	Up to 30m	Up to 40m	Up to 40m
Max. Resolution	1920x1080	1920x1080	1920x1080	1920x1080
Frames Per Second	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)
Intelligent Video	Face/Person/Virtual Fences Detection and Capture, Standard analytics	Face/Person/Virtual Fences Detection and Capture, Standard analytics	Face/Person/Virtual Fences Detection and Capture, Standard analytics	Face Recognition, Standard analytics
Audio In/Out	1/1	1/1	1/1	1/1
Alarm In/Out	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	-	IP67	IP67	IP67
Operating Temperature	-20°C~50°C (-4°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	DC12V//AC24V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	150.2x75x69.7mm	194.4x63x63mm	232x74.8x80mm	232x74.8x80mm

Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Multi Loiter, Converse

AI SERIES

Model	AI PTZ Camera			ANPR Camera		
	SN-IPS5921MDR-J2-Z37	SN-IPS5940MDR-J2-Z40	SN-IPS5950MDR-J2-Z40	SN-IPR57/20AKDN/T/Z	SN-IPC57/20HDN/FT	SN-IPR5822BZAN-T
Appearance						
Image Sensor	1/2" 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	37X, 6~222mm, F1.5~F4.3	40X, 4.98~199.3mm, F1.2~F3.5	40X, 4.98~199.3mm, F1.2~F3.5	2.7~12mm/F1.3, 7~22mm/F1.4	CS-Mount Lens	16mm/F2.0
FOV-H	58.4°~2.1°	59.1°~1.8°	59.1°~1.8°	105°~32°, 40.7°~16.8°	-	20°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2, AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2, AGC ON) B/W: 0.0001Lux@(F1.2, AGC ON)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR>120dB	True WDR>120dB	True WDR 120dB
IR Distance	Up to 200m	Up to 200m	Up to 200m	Up to 60m	-	Up to 40m
Max. Resolution	1920x1080	2592x1520	2560x1920	1920x1080	1920x1080	1920x1080
Frames Per Second	60fps (1920x1080)	30fps (2592x1520)	20fps (2560x1920)	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)
Intelligent Video	Face/Person/Virtual Fences Detection, Standard analytics			Embedded ANPR, Max recognition speed of 50km/h, 1000 whitelist & black list, FTP image upload		Embedded ANPR, Max recognition speed of 60km/h, FTP image upload
Audio In/Out	1/1	1/1	1/1	1/1	2/1	1/1
Alarm In/Out	7/2	7/2	7/2	-/1	-/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP66	IP66	IP66	IP67	-	IP67
Operating Temperature	-55°C~60°C (-67°F ~140°F)	-55°C~60°C (-67°F ~140°F)	-55°C~60°C (-67°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-20°C~50°C (-4°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	AC24V/Hi-POE (Adapter optional)	AC24V/Hi-POE (Adapter optional)	AC24V/Hi-POE (Adapter optional)	DC12V/POE (802.3af)	DC12V//AC24V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	Φ226x362.8mm	Φ226x362.8mm	Φ226x362.8mm	Φ110x375.5mm	150.2x75x69.7mm	232x74.8x80mm


Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Multi Loiter, Converse

PRO SERIES

Model	Panoramic Camera			12MP Camera	
	SN-IPP5790DDN	SN-IPV57/80HDR	SN-IPV57/80ECDR	SN-IPR57/80AKDN/Z	SN-IPC57/80HDN/F
Appearance					
Image Sensor	Four 1/1.8" STARVIS™ CMOS	1/1.7" STARVIS™ CMOS	1/1.7" STARVIS™ CMOS	1/1.7" STARVIS™ CMOS	1/1.7" STARVIS™ CMOS
Lens	2.2mm/F2.0	1.83mm/F2.4	1.83mm/F2.4	4.1~12.8mm/F1.53	CS-Mount Lens
FOV-H	720°	180°	180°	98°~34.5°	-
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.002Lux@(F2.2, AGC ON) B/W: 0.0002Lux@(F2.2, AGC ON)	Color: 0.009Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)	Color: 0.009Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)	Color: 0.009Lux@(F1.2, AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.009Lux@(F1.2, AGC ON) B/W: 0.0009Lux@(F1.2, AGC ON)
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
IR Distance	-	Up to 15m	Up to 15m	Up to 80m	-
Max. Resolution	7680x4320	4000x3000	4000x3000	4000x3000	4000x3000
Frames Per Second	25fps (7680x4320)	20fps (4000x3000)	20fps (4000x3000)	20fps (4000x3000)	20fps (4000x3000)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1, Built-in 2ch Mic	1/1, Built-in 1ch Mic	1/1, Built-in 1ch Mic	1/1	1/1, Built-in 1ch Mic
Alarm In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	-	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP66	IP67	IP66	IP67	-
Operating Temperature	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-20°C~50°C (-4°F~122°F)
Power	DC12V/POE+ (802.3at)	DC12V/AC24V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V//AC24V/POE (802.3af)
Dimensions	112.2x112.2x90mm	Φ162x52.2mm	Φ130x38.3mm	Φ110x375.5mm	150.2x75x69.7mm

Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

PRO SERIES

8MP Camera				
Model	SN-IPR5980APAN-Z	SN-IPR5980AKAN-Z	SN-IPV5980UAR-Z	SN-IPV5980EDAR-Z
Appearance				 <small>Internal Termination</small>
Image Sensor	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS
Lens	3.3~12mm/F1.4 (Motorized)	3.3~12mm/F1.4 (Motorized)	3.3~12mm/F1.4 (Motorized)	3.3~12mm/F1.4 (Motorized)
FOV-H	108.6°~35°	108.6°~35°	108.6°~35°	108.6°~35°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON); B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 50m	Up to 30m	Up to 30m
Max. Resolution	3840x2160	3840x2160	3840x2160	3840x2160
Frames Per Second	30fps (3840x2160)	30fps (3840x2160)	30fps (3840x2160)	30fps (3840x2160)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1	1/1
Alarm In/Out	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP67	IP67, IK10 optional	IP67, IK10	IP66, IK10
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~55°C (-22°F~131°F)
Power	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/AC24V/POE (802.3af)
Dimensions	264.5x82.7x80.3mm	Φ110x375.5mm	Φ130x112mm	Φ140x109.5mm





Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

PRO SERIES

4MP Camera					
Model	SN-IPC57/41HDN	SN-IPR57/41AQDN/Z	SN-IPR57/41APDN/Z	SN-IPR57/41AKDN/Z	SN-IPV57/41ZDR
Appearance					
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Lens	CS-Mount Lens	2.8~8mm/F1.6 (Motorized)	2.7~12mm/F1.3 (Motorized)	2.7~12mm/F1.3 (Motorized)	2.8mm/F2.0
FOV-H	-	100°~45°	100°~30°	100°~30°	100°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0.005Lux@(F1.2,AGC ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	-	Up to 30m	Up to 30m	Up to 50m	Up to 10m
Max. Resolution	2592x1520	2592x1520	2592x1520	2592x1520	2592x1520
Frames Per Second	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	2/1	-	1/1	1/1	1/1
Alarm In/Out	1/1	-	-	1/1	-
Memory Slot	Micro SD, Max. 128GB	-	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	-	IP67	IP67	IP67, IK10 optional	IP67
Operating Temperature	-20°C~50°C (-4°F~122°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)
Power	DC12V//AC24V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	150.2x75x69.7mm	169x70x63mm	264.5x82.7x80.3mm	Φ110x375.5mm	Φ100x53mm






Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

PRO SERIES

4MP Camera				
Model	SN-IPV57/41UDR/Z	SN-IPV5941EDAR-Z	SN-IPR57/41ACDN/Z	SN-IPR57/41ALDN/Z
Appearance				
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Lens	2.7~12mm/F1.3 (Motorized)	2.7~13.5mm/F1.6 (Motorized)	2.8~8mm/F1.6	2.7~12mm/F1.3 (Motorized)
FOV-H	100°~30°	103°~34.3°	100°~45°	100°~30°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 30m	Up to 30m	Up to 30m
Max. Resolution	2592x1520	2592x1520	2592x1520	2592x1520
Frames Per Second	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1, Built-in 1ch Mic	1/1
Alarm In/Out	1/1	1/1	Optional	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP67, IK10	IP66, IK10	IP67	IP67
Operating Temperature	-40°C~60°C (-40°F~140°F)	-30°C~55°C (-22°F~131°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)
Power	DC12V/POE (802.3af)	DC12V/AC24V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/AC24V/POE (802.3af)
Dimensions	Φ130x112mm	Φ140x109.5mm	119.1x107.9x89.1mm	Φ120x105.5mm

Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

PRO SERIES

2MP Starlight Camera		2MP ATM Camera		2MP Camera	
Model	SN-IPV57/21UDR/Z	SN-IPR57/21APDN/Z	SN-IPC57/21HDN/F	SN-MNC57/20AG	SN-IPV5920ZDR
Appearance					
Image Sensor	1/2" Sony CMOS	1/2" Sony CMOS	1/1.9" Sony CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	3.6-11mm/F1.5 (Motorized)	3.6-11mm/F1.5 (Motorized)	CS-Mount Lens	3.7mm	2.8mm/F2.0
FOV-H	102.3°~44°	102.3°~44°	-	84°	106.8°
Day and Night	ICR	ICR	ICR	-	ICR
Min. Illumination(lux)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0.0001Lux@(F1.2, AGC ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0.0001Lux@(F1.2, AGC ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	DWDR	True WDR>120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 50m	-	-	Up to 15m
Max. Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frames Per Second	60fps (1920x1080)	60fps (1920x1080)	60fps (1920x1080)	60fps (1920x1080)	30fps (1920x1080)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1 Built-in 1ch Mic	1/1	1/1 (Microphone optional)
Alarm In/Out	1/1	-	1/1	2/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP67, IK10	IP67	-	-	IP67
Operating Temperature	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-20°C~50°C (-4°F~122°F)	-20°C~50°C (-4°F~122°F)	-40°C~60°C (-40°F~140°F)
Power	DC12V/AC24V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/AC24V/POE (802.3af)	DC12V	DC12V/POE (802.3af)
Dimensions	Φ130x112mm	264.5x82.7x80.3mm	150.2x75x69.7mm	37.6x32.8x46.5mm	Φ100x53mm








Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

PRO SERIES

2MP Super WDR Camera						
Model	SN-IPC57/20HDN/F	SN-IPR57/20APDN/Z	SN-IPR57/20AKDN/Z	SN-IPV57/20UDR/Z	SN-IPR57/20ACDN	SN-IPR57/20ALDN/Z
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	CS-Mount Lens	2.7~12mm/F1.3 (Motorized)	2.7~12mm/F1.3 (Motorized) 7~22mm/F1.4 (Motorized)	2.7~12mm/F1.3 (Motorized)	2.8mm/F2.0	2.7~12mm/F1.3 (Motorized)
FOV-H	-	105°~32°	105°~32°/40.7°~16.8°	105°~32°	108°	105°~32°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination (lux)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0.0001Lux@(F1.2, AGC ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB
IR Distance	-	Up to 30m	Up to 60m	Up to 30m	Up to 30m	Up to 40m
Max. Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Frames Per Second	60fps (1920×1080)	60fps (1920×1080)	60fps (1920×1080)	60fps (1920×1080)	60fps (1920×1080)	60fps (1920×1080)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1, Built-in 1ch Mic	1/1	1/1	1/1	1/1, Built-in 1ch Mic	1/1
Alarm In/Out	1/1	-	1/1	-	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	-	Micro SD, Max. 128GB
Ingress Protection	-	IP67	IP67, IK10 optional	IP67, IK10	IP67	IP67
Operating Temperature	-20°C~50°C (-4°F~122°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)
Power	DC12V/AC24V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/AC24V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	150.2×75×69.7mm	264.5×82.7×80.3mm	Φ110×375.5mm	Φ130×112mm	119.1×107.9×89.1mm	Φ120×105.5mm






Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

ECO SERIES

8MP Camera							
Model	SN-IPR5880BSBN	SN-IPR57/08BYDN	SN-IPR57/08BZDN/Z	SN-IPV57/08EFDR	SN-IPV57/08EEDR/Z	SN-IPR5880CNAN	SN-IPR57/08ALDN/Z
Appearance							
Image Sensor	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS	1/2.5" STARVIS™ CMOS
Lens	2.8mm/F2.2	2.8mm/F2.2	3.3~12mm/F1.4 (Motorized)	2.8mm/F2.2	3.3~12mm/F1.4 (Motorized)	2.8mm/F2.2	3.3~12mm/F1.4 (Motorized)
FOV-H	110°	110°	108.6°~35°	110°	108.6°~35°	110°	108.6°~35°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination (lux)	Color: 0.01Lux@(F1.2, AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2, AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2, AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2, AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2, AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 30m	Up to 50m	Up to 30m	Up to 30m	Up to 30m	Up to 30m
Max. Resolution	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160
Frames Per Second	30fps (3840×2160)	30fps (3840×2160)	30fps (3840×2160)	30fps (3840×2160)	30fps (3840×2160)	30fps (3840×2160)	30fps (3840×2160)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	-	Optional	Optional	Optional	Optional	1/1	1/1
Alarm In/Out	-	Optional	Optional	Optional	Optional	1/1	1/1
Memory Slot	-	Optional	Optional	Optional	Optional	Micro SD, Max. 128GB	Optional
Ingress Protection	IP67, IK10	IP67	IP67	IP67, IK10	IP66, IK10	IP66	IP67
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	154×63×58mm	194.4×63×63mm	232×74.8×80mm	Φ110×85.4mm	Φ130×112mm	Φ118×103mm	Φ120×105.5mm







Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

ECO SERIES

5MP Camera					
Model	SN-IPR5850BYAN	SN-IPR5850BZAN-Z	SN-IPV5850EFAR	SN-IPV5850EEAR-Z	SN-IPR5850CNAN
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	2.8mm/F2.0	2.7~13.5mm/F1.3 (Motorized)	2.8mm/F2.0	2.7~13.5mm/F1.3 (Motorized)	2.8mm/F2.0
FOV-H	100°	103°~34.3°	100°	103°~34.3°	100°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 40m	Up to 30m	Up to 30m	Up to 30m
Max. Resolution	2560×1920	2560×1920	2560×1920	2560×1920	2560×1920
Frames Per Second	25fps (2560×1920)	25fps (2560×1920)	25fps (2560×1920)	25fps (2560×1920)	25fps (2560×1920)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Alarm In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP67	IP67	IP67, IK10	IP66, IK10	IP66
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	194.4×63×63mm	232×74.8×80mm	Φ110×85.4mm	Φ130×112mm	Φ118×103mm







Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

ECO SERIES

4MP Camera						
Model	SN-IPR5840BYAN	SN-IPR5840BZAN-Z	SN-IPV5840EGAR	SN-IPV5840EFAR	SN-IPV5840EEAR-Z	SN-IPR5840CNAN
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	2.7~13.5mm/F1.3 (Motorized)	2.8mm/F2.0	2.8mm/F2.0	2.7~13.5mm/F1.3 (Motorized)	2.8mm/F2.0
FOV-H	100°	103°~34.3°	100°	100°	103°~34.3°	100°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 40m	Up to 15m	Up to 30m	Up to 30m	Up to 30m
Max. Resolution	2592×1520	2592×1520	2592×1520	2592×1520	2592×1520	2592×1520
Frames Per Second	30fps (2592×1520)	30fps (2592×1520)	30fps (2592×1520)	30fps (2592×1520)	30fps (2592×1520)	30fps (2592×1520)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1, Built-in 1ch Mic	1/1	1/1	1/1
Alarm In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP67	IP67	IP66	IP67, IK10	IP66, IK10	IP67
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-40°C~60°C (-40°F~140°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	194.4×63×63mm	232×74.8×80mm	99.5×99.5×63mm	Φ110×85.4mm	Φ130×112mm	Φ118×103mm







Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

ECO SERIES

4MP Camera						
Model	SN-IPR57/04BSDN	SN-IPR57/04BYDN	SN-IPR57/04BZDN/Z	SN-IPV57/04EFDR	SN-IPV57/04EEDR/Z	SN-IPR57/04ALDN/Z
Appearance						
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Lens	2.8mm/F2.0	2.8mm/F2.0	2.7~13.5mm/F1.3 (Motorized)	2.8mm/F2.0	2.7~13.5mm/F1.3 (Motorized)	2.7~13.5mm/F1.3 (Motorized)
FOV-H	100°	100°	103°~34.3°	100°	103°~34.3°	103°~34.3°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 30m	Up to 40m	Up to 30m	Up to 30m	Up to 30m
Max. Resolution	2592x1520	2592x1520	2592x1520	2592x1520	2592x1520	2592x1520
Frames Per Second	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)	30fps (2592x1520)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-
Memory Slot	-	-	-	-	-	-
Ingress Protection	IP67, IK10 Optional	IP67	IP67	IP67, IK10	IP66, IK10	IP67
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	154x63x58mm	194.4x63x63mm	232x74.8x80mm	Φ110x85.4mm	Φ130x112mm	Φ120x105.5mm






Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

ECO SERIES

2MP Camera						
Model	SN-IPR5820BYAN	SN-IPR5820BZAN	SN-IPV5820EGAR	SN-IPV5820EFAR	SN-IPV5820EEAR	SN-IPR5820CNAN
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	2.7~13.5mm/F1.3	2.8mm/F2.0	2.8mm/F2.0	2.7~13.5mm/F1.3	2.8mm/F2.0
FOV-H	105°	105°~30°	105°	105°	105°~30°	105°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 40m	Up to 15m	Up to 30m	Up to 30m	Up to 30m
Max. Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frames Per Second	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Alarm In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP67	IP67	IP66	IP67, IK10	IP66, IK10	IP66
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-40°C~60°C (-40°F~140°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	194.4x63x63mm	232x74.8x80mm	99.5x99.5x63mm	Φ110x85.4mm	Φ130x112mm	Φ118x103mm

Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

ECO SERIES

	2MP Camera				
Model	SN-IPR57/02BYDN	SN-IPR57/02BZDN	SN-IPV57/02EFDR	SN-IPV57/02EEDR	SN-IPR57/02VD
Appearance					
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens	2.8mm/F2.0	2.8~12mm/F1.3	2.8mm/F2.0	2.8~12mm/F1.3	2.8~12mm/F1.3
FOV-H	105°	103°~34.3°	105°	103°~34.3°	103°~34.3°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 30m	Up to 40m	Up to 30m	Up to 30m	Up to 35m
Max. Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frames Per Second	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)	30fps (1920x1080)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	-	-	-	-	-
Alarm In/Out	-	-	-	-	-
Memory Slot	-	-	-	-	-
Ingress Protection	IP67	IP67	IP67, IK10	IP66, IK10	IP66
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Power	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	194.4x63x63mm	232x74.8x80mm	Φ110x85.4mm	Φ130x112mm	Φ119x100mm





Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

NETWORK PTZ SERIES

	IR PTZ		
Model	SN-IPS57/30CDR/ZSD12	SN-IPS5940CDR-Z12	SN-IPS5950CDR-Z12
Appearance			
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	12X, 4.7~56.4mm, F1.6~F3.0	12X, 4.7~56.4mm, F1.6~F3.0	12X, 4.7~56.4mm, F1.6~F3.0
FOV-H	60.9°~6.43°	60.9°~6.43°	60.9°~6.43°
Day and Night	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	DWDR	True WDR 120dB	True WDR 120dB
IR Distance	Up to 80m	Up to 80m	Up to 80m
Max. Resolution	2048x1536	2592x1520	2560x1920
Frames Per Second	30fps (2048x1536)	30fps (2592x1520)	30fps (2560x1920)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1
Alarm In/Out	2/1	2/1	2/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP66	IP66	IP66
Operating Temperature	-40°C~60°C (-40°F ~140°F)	-50°C~60°C (-58°F ~140°F)	-50°C~60°C (-58°F ~140°F)
Power	DC12V/POE+ (802.3at)	DC12V/POE+ (802.3at)	DC12V/POE+ (802.3at)
Dimensions	321.3x222.3x146.6mm	321.3x222.3x146.6mm	321.3x222.3x146.6mm

Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

NETWORK PTZ SERIES

Model	IR PTZ			
	SN-IPT5920CYAR-Z30	SN-IPT5930CYAR-Z30	SN-IPS5921MDR-Z37	SN-IPS57/20MDR/ZSC30
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	30X, 4.5~135mm, F1.6~F4.4	30X, 4.5~135mm, F1.6~F4.4	37X, 6~222mm, F1.5~F4.3	30X, 4.5~135mm, F1.6~F4.4
FOV-H	59.8°~2.34°	59.8°~2.34°	58.4°~2.1°	59.8°~2.34°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.001Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 100m	Up to 100m	Up to 200m	Up to 200m
Max. Resolution	1920x1080	2048x1536	1920x1080	1920x1080
Frames Per Second	60fps (1920x1080)	30fps (2048x1536)	60fps (1920x1080)	60fps (1920x1080)
Intelligent Video	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Audio In/Out	1/1	1/1	1/1	1/1
Alarm In/Out	2/1	2/1	7/2	7/2
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-55°C~60°C (-67°F ~140°F)	-55°C~60°C (-67°F ~140°F)
Power	DC12V	DC12V	AC24V/Hi-POE (Adapter optional)	AC24V/Hi-POE (Adapter optional)
Dimensions	378.5x131.6x265.3mm	378.5x131.6x265.3mm	Φ226x362.8mm	Φ226x362.8mm

Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad





NETWORK PTZ SERIES

Model	IR PTZ	Laser PTZ	IR PTZ	
	SN-IPS57/30MDR/ZSD30	SN-IPS57/30MDL/ZSD30	SN-IPS5940MDR-Z40	SN-IPS5950MDR-Z40
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	30X, 4.5~135mm, F1.6~F4.4	30X, 4.5~135mm, F1.6~F4.4	40X, 4.98~199.3mm, F1.2~F3.5	40X, 4.98~199.3mm, F1.2~F3.5
FOV-H	59.8°~2.34°	59.8°~2.34°	59.1°~1.8°	59.1°~1.8°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB
IR Distance	Up to 200m	Up to 400m	Up to 200m	Up to 200m
Max. Resolution	2048x1536	2048x1536	2592x1520	2560x1920
Frames Per Second	30fps (2048x1536)	30fps (2048x1536)	30fps (2592x1520)	20fps (2560x1920)
Intelligent Video	Standard analytics	Standard analytics	Face/Person/Virtual Fences Detection, Standard analytics	Face/Person/Virtual Fences Detection, Standard analytics
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. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	-55°C~60°C (-67°F ~140°F)	-55°C~60°C (-67°F ~140°F)	-55°C~60°C (-67°F ~140°F)	-55°C~60°C (-67°F ~140°F)
Power	AC24V/Hi-POE (Adapter optional)	AC24V/Hi-POE (Adapter optional)	AC24V/Hi-POE (Adapter optional)	AC24V/Hi-POE (Adapter optional)
Dimensions	Φ226x362.8mm	Φ226x362.8mm	Φ226x362.8mm	Φ226x362.8mm







Standard analytics: Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad




TEMPERATURE ALARM SERIES

Temperature Alarm				
Model	SN-TPC4201AT(III)	SN-TPC6401AT(II)	SN-TPC4201KT(III)	SN-TPC6401KT(II)
Appearance				
Max. Resolution	400x300	640x512	400x300	640x512
Sensitivity (NETD)	40mK @F1.0, 300K	40mK @F1.0, 300K	40mK @F1.0, 300K	40mK @F1.0, 300K
Lens	Fixed: 8/15/25/35/50mm F1.0, Motorized Focus: 8/25/50/75/100mm F1.0	Fixed: 15/25/35/50mm F1.0, Motorized Focus: 25/50/75/100mm F1.0	Fixed: 8/15/25/35/50mm F1.0	Fixed: 15/25/35/50mm F1.0
Angle of View	8mm: 46° × 35.3° 15mm: 25.5° × 19.2° 25mm: 15.4° × 11.6° 35mm: 11° × 8.3° 50mm: 7.7° × 5.8° 75mm, H: 5.1° × 3.8° 100mm, H: 3.8° × 2.3	15mm: 39.8° × 32.3° 25mm: 24.5° × 19.7° 35mm: 17.6° × 14.1° 50mm: 12.4° × 9.9° 75mm: 8.2° × 6.6° 100mm: 6.2° × 4.9°	8mm: 46° × 35.3° 15mm: 25.5° × 19.2° 25mm: 15.4° × 11.6° 35mm: 11° × 8.3° 50mm: 7.7° × 5.8°	15mm: 39.8° × 32.3° 25mm: 24.5° × 19.7° 35mm: 17.6° × 14.1° 50mm: 12.4° × 9.9°
Detection Range Fires 1x1m ^(a) Humans 1.8x0.5m ^(b) Vehicles 4x1.5m ^(c)	8mm: 235 ^(a) /235 ^(b) /722 ^(c) m 15mm: 441 ^(a) /441 ^(b) /1353 ^(c) m 25mm: 735 ^(a) /735 ^(b) /2255 ^(c) m 35mm: 1029 ^(a) /1029 ^(b) /3137 ^(c) m 50mm: 1471 ^(a) /1471 ^(b) /4510 ^(c) m 75mm: 2206 ^(a) /2206 ^(b) /6765 ^(c) m 100mm: 2941 ^(a) /2941 ^(b) /9020 ^(c) m	15mm: 441 ^(a) /441 ^(b) /1353 ^(c) m 25mm: 735 ^(a) /735 ^(b) /2255 ^(c) m 35mm: 1029 ^(a) /1029 ^(b) /3137 ^(c) m 50mm: 1471 ^(a) /1471 ^(b) /4510 ^(c) m 75mm: 2206 ^(a) /2206 ^(b) /6765 ^(c) m 100mm: 2941 ^(a) /2941 ^(b) /9020 ^(c) m	8mm: 235 ^(a) /235 ^(b) /722 ^(c) m 15mm: 441 ^(a) /441 ^(b) /1353 ^(c) m 25mm: 735 ^(a) /735 ^(b) /2255 ^(c) m 35mm: 1029 ^(a) /1029 ^(b) /3137 ^(c) m 50mm: 1471 ^(a) /1471 ^(b) /4510 ^(c) m	
Temp-Measurement Function	Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -40°C~150°C (-40°F~302°F)	Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -40°C~150°C (-40°F~302°F)	Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -40°C~150°C (-40°F~302°F)	
Temperature Alarm	Over Temperature Alarm, Temperature Difference Alarm		Over Temperature Alarm, Temperature Difference Alarm	
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Frames Per Second	30fps	30fps	30fps	30fps
Intelligent Video	IVS, Fire detection & alarm	IVS, Fire detection & alarm	IVS, Fire detection & alarm	IVS, Fire detection & alarm
Polarity Control/LUT	White Hot / Black Hot / Rainbow / Ironbow (up to 17 define optional)			
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. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	-	-	IP66	IP66
Operating Temperature	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)	-40°C~60°C (-40°F~140°F)
Power	DC12V	DC12V	DC12V/POE (802.3af)	DC12V/POE (802.3af)
Dimensions	72x70x189mm	72x70x189mm	Φ110x388mm	Φ110x388mm

TEMPERATURE ALARM SERIES

Temperature Alarm						
Model	SN-TPT4201ZZ(III)	SN-TPT6401ZZ(II)	SN-TPT4231QF(III)	SN-TPT6431QF(II)	SN-TPT4231LZ(III)	SN-TPT6431LZ(II)
Appearance						
Max. Resolution	400x300	640x512	Visual: 2048x1536 Thermal: 400x300	Visual: 2048x1536 Thermal: 640x512	Visual: 1920x1080 Thermal: 400x300	Visual: 1920x1080 Thermal: 640x512
Sensitivity (NETD)	40mK@F1.0, 300K	40mK@F1.0, 300K	40mK @F1.0, 300K	40mK @F1.0, 300K	40mK @F1.0, 300K	40mK @F1.0, 300K
Thermal Lens	Fixed: 8/15/25/35/50mm F1.0, Motorize Focus: 25/50/75/100mm F1.0	Fixed: 15/25/35/50mm F1.0, Motorize Focus: 25/50/75/100mm F1.0	Fixed: 8/15/25mm F1.0, Motorize Focus: 8/25mm F1.0	Fixed: 15/25mm F1.0, Motorize Focus: 25mm F1.0	Fixed: 8/15/25/35/50mm F1.0, Motorize Focus: 8/25/50mm F1.0	Fixed: 15/25/35/50mm F1.0, Motorize Focus: 25/50mm F1.0
Angle of View	8mm: 46° × 35.3° 15mm: 25.5° × 19.2° 25mm: 15.4° × 11.6° 35mm: 11° × 8.3° 50mm: 7.7° × 5.8° 75mm, H: 5.1° × 3.8° 100mm, H: 3.8° × 2.3°	25mm: 15.4° × 11.6° 50mm, H: 7.7° × 5.8° 75mm, H: 5.1° × 3.8° 100mm, H: 3.8° × 2.3°	8mm: 46° × 35.3° 15mm: 25.5° × 19.2° 25mm: 15.4° × 11.6°	15mm: 39.8° × 32.3° 25mm: 24.5° × 19.7°	8mm: 46° × 35.3° 15mm: 25.5° × 19.2° 25mm: 15.4° × 11.6° 35mm: 11° × 8.3° 50mm: 7.7° × 5.8°	15mm: 25.5° × 19.2° 25mm: 15.4° × 11.6° 35mm: 11° × 8.3° 50mm: 7.7° × 5.8°
Visual Lens/FOV	-	-	30X, 4.5-135mm, 59.8°~2.3°		30X, 6-180mm, 61.2°~2.32°	
Detection Range Fires 1x1m ^(a) Humans 1.8x0.5m ^(b) Vehicles 4x1.5m ^(c)	8mm: 235 ^(a) /235 ^(b) /722 ^(c) m 15mm: 441 ^(a) /441 ^(b) /1353 ^(c) m 25mm: 735 ^(a) /735 ^(b) /2255 ^(c) m 50mm: 1471 ^(a) /1471 ^(b) /4510 ^(c) m 75mm: 2206 ^(a) /2206 ^(b) /6765 ^(c) m 100mm: 2941 ^(a) /2941 ^(b) /9020 ^(c) m		8mm: 235 ^(a) /235 ^(b) /722 ^(c) m 15mm: 441 ^(a) /441 ^(b) /1353 ^(c) m 25mm: 735 ^(a) /735 ^(b) /2255 ^(c) m 35mm: 1029 ^(a) /1029 ^(b) /3137 ^(c) m 50mm: 1471 ^(a) /1471 ^(b) /4510 ^(c) m		8mm: 235 ^(a) /235 ^(b) /722 ^(c) m 15mm: 441 ^(a) /441 ^(b) /1353 ^(c) m 25mm: 735 ^(a) /735 ^(b) /2255 ^(c) m 35mm: 1029 ^(a) /1029 ^(b) /3137 ^(c) m 50mm: 1471 ^(a) /1471 ^(b) /4510 ^(c) m	
Temp-Measurement Function	Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -40°C~150°C (-40°F~302°F)		Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -40°C~150°C (-40°F~302°F)		Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -40°C~150°C (-40°F~302°F)	
Temperature Alarm	Over Temperature Alarm, Temperature Difference Alarm		Over Temperature Alarm, Temperature Difference Alarm		Over Temperature Alarm, Temperature Difference Alarm	
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Frames Per Second	30fps	30fps	Visual: 30fps, Thermal: 30fps		Visual: 30fps, Thermal: 30fps	
Intelligent Video	IVS, Fire detection & alarm	IVS, Fire detection & alarm	Visual: Standard analytics, Thermal: IVS, Fire detection & alarm		Visual: Standard analytics, Thermal: IVS, Fire detection & alarm	
Polarity Control/LUT	White Hot / Black Hot / Rainbow / Ironbow (up to 17 define optional)					
Audio In/Out	1/1	1/1	-	-	2/2	2/2
Alarm In/Out	2/2	2/2	-/1	-/1	9/4	9/4
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)
Power	DC36V	DC36V	DC24V	DC24V	DC36V	DC36V
Dimensions	585x251x502mm	585x251x502mm	322x192x163mm	322x192x163mm	419x282x316mm	419x282x316mm

TEMPERATURE ALARM SERIES

Temperature Alarm					Body Temp-detection	
Model	SN-TPT4231ZZ(III)	SN-TPT6431ZZ(II)	SN-TPT4231HZ(III)	SN-TPT6431HZ(II)	SN-D2	SN-T5
Appearance						
Max. Resolution	Visual: 1920x1080 Thermal: 400x300	Visual: 1920x1080 Thermal: 640x512	Visual: 1920x1080 Thermal: 400x300	Visual: 1920x1080 Thermal: 640x512	Visual: 1920x1080 Thermal: 256x192	Visual: 1920x1080 Thermal: 400x300
Sensitivity (NETD)	40mK @F1.0, 300K	40mK @F1.0, 300K	40mK @F1.0, 300K	40mK @F1.0, 300K	≤60mK @F1.0, 300K	40mK @F1.0, 300K
Thermal Lens	Motorize Focus: 25/50/75/100mm F1.0	Motorize Focus: 25/50/75/100mm F1.0	Motorize Focus: 75/100mm F1.0	Motorize Focus: 75/100mm F1.0	Fixed Lens	Fixed Lens
Angle of View	25mm: 15.4° × 11.6° 50mm: 7.7° × 5.8° 75mm, H: 5.1° × 3.8° 100mm, H: 3.8° × 2.3°	25mm: 15.4° × 11.6° 50mm, H: 7.7° × 5.8° 75mm, H: 5.1° × 3.8° 100mm, H: 3.8° × 2.3°	75mm, H: 5.1° × 3.8° 100mm, H: 3.8° × 2.3°	75mm, H: 5.1° × 3.8° 100mm, H: 3.8° × 2.3°	Wide lens, H: 95°, V: 75°	H: 46°, V: 35.3°
Visual Lens/FOV	30X, 6-180mm, 61.2°~2.32°	30X, 6-180mm, 61.2°~2.32°	40X, 10~400mm, 33°~1.7°	40X, 10~400mm, 33°~1.7°	Wide lens, H: 136.2°, V: 77.3°	2.7~12mm, 105°~32°
Detection Range Fires 1x1m ^(a) Humans 1.8x0.5m ^(b) Vehicles 4x1.5m ^(c)	25mm: 735 ^(a) /735 ^(b) /2255 ^(c) m 50mm: 1471 ^(a) /1471 ^(b) /4510 ^(c) m 75mm: 2206 ^(a) /2206 ^(b) /6765 ^(c) m 100mm: 2941 ^(a) /2941 ^(b) /9020 ^(c) m		75mm: 2206 ^(a) /2206 ^(b) /6765 ^(c) m 100mm: 2941 ^(a) /2941 ^(b) /9020 ^(c) m		-	-
Temp-Measurement Function	Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -40°C~150°C (-40°F~302°F)				Spot: 20 / Line: 2 / Area: 16 Temp-Detection Range: -20°C~150°C (-10°F~302°F)	Accuracy: ≤0.3°C Temp-Detection Range: -20°C ~ 60°C (-4°F ~ 140°F)
Temperature Alarm	Over Temperature Alarm, Temperature Difference Alarm				Over Temperature Alarm, Temperature Difference Alarm	Over Temperature Alarm, Temperature Difference Alarm
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Frames Per Second	Visual: 30fps, Thermal: 30fps	Visual: 30fps, Thermal: 30fps	Visual: 30fps, Thermal: 30fps	Visual: 30fps, Thermal: 30fps	Visual: 30fps, Thermal: 30fps	Visual: 30fps, Thermal: 30fps
Intelligent Video	Visual: Standard analytics Thermal: IVS, Fire detection & alarm		Visual: Standard analytics Thermal: IVS, Fire detection & alarm		Visual: Standard analytics, Thermal: IVS, Fire detection & alarm	Visual: Standard analytics, Face capture Thermal: IVS, Body temperature detection
Polarity Control/LUT	White Hot / Black Hot / Rainbow / Ironbow (up to 17 define optional)					
Audio In/Out	2/2	2/2	2/2	2/2	-	1/1
Alarm In/Out	9/4	9/4	3/3	3/3	1/1	2/2
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Operating Temperature	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-40°C~60°C (-40°F ~140°F)	-20°C~60°C (-4°F ~140°F)	-30°C~60°C (-22°F ~140°F)
Power	DC36V	DC36V	DC36V	DC36V	DC12V/24V	DC12V/POE (802.3af)
Dimensions	660x375x539mm	660x375x539mm	760x427x628mm	760x427x628mm	63 x 43 x 92mm	207 x 172 x 118mm



PRO SERIES

Model	AI NVR		PoE NVR	
	SN-NVR2604E1-P4-J	SN-NVR2608E1-P8-J	SN-NVR2604E1-P4	SN-NVR2608E1-P8
Appearance				
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Inputs	4ch	8ch	4ch	8ch
Max Input/Record	40Mbps/40Mbps	80Mbps/80Mbps	40Mbps/40Mbps	80Mbps/80Mbps
Max Decoding	1ch 12MP/4ch 8MP	1ch 12MP/4ch 8MP/8ch 1080P	1ch 12MP/4ch 8MP	1ch 12MP/4ch 8MP/8ch 1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	1x12TB	1x12TB	1x12TB	1x12TB
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/1	8/1	4/1	8/1
Ethernet	1x100M Port	1x100M Port	1x100M Port	1x100M Port
PoE	4 Ports (IEEE802.3af) 40W	8 Ports (IEEE802.3af) 80W	4 Ports (IEEE802.3af) 40W	8 Ports (IEEE802.3af) 80W
USB	1xUSB 2.0 1xUSB3.0	1xUSB 2.0 1xUSB3.0	1xUSB 2.0 1xUSB3.0	1xUSB 2.0 1xUSB3.0
Power	DC48V/1.25A	DC48V/2.5A	DC48V/1.25A	DC48V/2.5A
Video Encryption	-	-	Support	Support
Intelligent Video	Face Recognition, Attendance	Face Recognition, Attendance	-	-
Dimensions	255x237x47.5mm	255x237x47.5mm	255x237x47.5mm	255x237x47.5mm




ECO SERIES

Model	None PoE NVR		
	SN-NVR2632E4-P16	SN-NVR2632E4	SN-NVR2632E8
Appearance			
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Inputs	32ch	32ch	32ch
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	1ch 12MP/4ch 8MP/16ch 1080P	1ch 12MP/4ch 8MP/16ch 1080P	1ch 12MP/4ch 8MP/16ch 1080P
Display	HDMI, VGA	2HDMI, 1VGA	2HDMI, 1VGA
Max HDD	4x12TB	4x12TB	8x12TB
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	2/2	16/4	16/4
Ethernet	1x1000M port	2x1000M Port	2x1000M Port
PoE	16 Ports (IEEE802.3af) 160W	-	-
USB	1xUSB 2.0 1xUSB3.0	2xUSB 2.0 1xUSB3.0	2xUSB 2.0 1xUSB3.0
Power	AC100~240V <15W (Without HDD)	AC100~240V <15W (Without HDD)	AC100~240V <15W (Without HDD)
Dimensions	440x376x67mm	440x376x67mm	440x435x89.8mm

ECO SERIES

Model	PoE NVR			
	SN-NVR2504E1-P4	SN-NVR2508E1-P8	SN-NVR2508E2-P8	SN-NVR2516E2-P16
Appearance				
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Inputs	4ch	8ch	8ch	16ch
Max Input/Record	40Mbps/40Mbps	80Mbps/80Mbps	80Mbps/80Mbps	160Mbps/160Mbps
Max Decoding	1ch 8MP/4ch 1080P	1ch 8MP/4ch 1080P	1ch 8MP/4ch 1080P	1ch 8MP/4ch 1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	1x8TB	1x8TB	2x8TB	2x8TB
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/1	8/1	8/1	8/1
Ethernet	1x100M Port	1x100M Port	1x100M Port	1x1000M Port
PoE	4 Ports (IEEE802.3af) 40W	8 Ports (IEEE802.3af) 80W	8 Ports (IEEE802.3af) 80W	8 Ports (IEEE802.3af) 120W
USB	2xUSB 2.0	2xUSB 2.0	2xUSB 2.0	2xUSB 2.0
Power	DC48V/1.25A ≤5W (Without HDD)	DC48V/2.5A ≤5W (Without HDD)	DC48V/2.5A ≤5W (Without HDD)	AC100~240V ≤15W (Without HDD)
Dimensions	255x235x47.5mm	255x235x47.5mm	372x311x44.5mm	372x311x44.5mm

ECO SERIES

None PoE NVR				
Model	SN-NVR2504E1	SN-NVR2508E1	SN-NVR2516E2	SN-NVR2532E2
Appearance				
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Inputs	4ch	8ch	16ch	32ch
Max Input/Record	40Mbps/40Mbps	80Mbps/80Mbps	160Mbps/160Mbps	260Mbps/260Mbps
Max Decoding	1ch 8MP/4ch 1080P	1ch 8MP/4ch 1080P	1ch 8MP/4ch 1080P	1ch 8MP/4ch 1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	1x8TB	1x8TB	2x8TB	4x8TB
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/1	4/1	8/1	8/1
Ethernet	2x100M Port	2x100M Port	2x1000M Port	2x1000M Port
USB	2xUSB 2.0	2xUSB 2.0	2xUSB 2.0	2xUSB 2.0
Power	DC12V/3A ≤5W (Without HDD)	DC12V/3A ≤5W (Without HDD)	DC12V/3A ≤15W (Without HDD)	DC12V/3A ≤15W (Without HDD)
Dimensions	255x235x47.5mm	255x235x47.5mm	372x311x44.5mm	372x311x44.5mm

EASILY SERIES





PoE NVR		None PoE NVR		
Model	SN-NVR2404E1-P4	SN-NVR2408E1-P8	SN-NVR2404E1	SN-NVR2408E1
Appearance				
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
IP Video Inputs	4ch	8ch	4ch	8ch
Max Input/Record	20Mbps/20Mbps	40Mbps/40Mbps	20Mbps/20Mbps	40Mbps/40Mbps
Max Decoding	1ch 4MP/4ch D1	1ch 4MP/8ch D1	1ch 4MP/4ch D1	1ch 4MP/8ch D1
Display	HD-OUT, VGA	HD-OUT, VGA	HD-OUT, VGA	HD-OUT, VGA
Max HDD	1x4TB	1x4TB	1x4TB	1x4TB
Audio In/Out	-/1	-/1	-	-
Alarm In/Out	-	-	-	-
Ethernet	1x100M Port	1x100M Port	1x100M Port	1x100M Port
PoE	4 Ports (IEEE802.3af) 40W	8 Ports (IEEE802.3af) 80W	-	-
USB	2xUSB 2.0	2xUSB 2.0	2xUSB 2.0	2xUSB 2.0
Power	DC48V ≤5W (Without HDD)	DC48V ≤5W (Without HDD)	DC12V/2A ≤5W (Without HDD)	DC12V/2A ≤5W (Without HDD)
Dimensions	245x215x43mm	245x215x43mm	245x215x43mm	245x215x43mm







HDVI CAMERAS

8MP Hybrid Camera						
Model	SN-B1308BY-AB3	SN-B1308BZ-AZ3	SN-D1308EF-AB3	SN-D1308EE-AZ3	SN-E1308AC-AB3	SN-E1308AL-AZ3
Appearance						
Image Sensor	1/2" CMOS	1/2" CMOS	1/2" CMOS	1/2" CMOS	1/2" CMOS	1/2" CMOS
Lens	3.6mm/F1.6	3.3~12mm (Motorized)/F1.5	3.6mm/F1.6	3.3~12mm (Motorized)/F1.5	3.6mm/F1.6	3.3~12mm (Motorized)/F1.5
FOV-H	88.4°	94°~43°	88.4°	94°~43°	88.4°	94°~43°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Noise Reduction	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
IR Distance	Up to 20m	Up to 40m	Up to 20m	Up to 30m	Up to 20m	Up to 30m
Max. Resolution	3840x2160	3840x2160	3840x2160	3840x2160	3840x2160	3840x2160
Frames Per Second	8MP@15fps	8MP@15fps	8MP@15fps	8MP@15fps	8MP@15fps	8MP@15fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes	Yes	Yes
Ingress Protection	IP67	IP67	IP67, IK10	IP66, IK10	IP67	IP67
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V
Dimensions	194.4x63x63mm	232x74.8x80mm	Φ110x85.4mm	Φ130x112mm	119.1x107.9x89.1mm	Φ120x105.5mm

HDVI CAMERAS

SMP Hybrid Camera				
Model	SN-B1305BY-AB3	SN-B1305BZ-AZ5	SN-B1305BU-AB3	SN-B1305BG-AM2
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	3.6mm/F2.0	2.7~13.5mm/F1.6 (Motorized)	3.6mm/F2.0	2.8~12mm/F1.6
FOV-H	80°	100.8°~32°	80°	100.6°~34.8°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	dWDR,OFF/ON	dWDR,OFF/ON	dWDR,OFF/ON	dWDR,OFF/ON
Noise Reduction	2D DNR, MANUAL(1-10)	2D DNR, MANUAL(1-10)	2D DNR, MANUAL(1-10)	2D DNR, MANUAL(1-10)
IR Distance	Up to 20m	Up to 30m	Up to 20m	Up to 30m
Max. Resolution	2560×1920	2560×1920	2560×1920	2560×1920
Frames Per Second	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes
Ingress Protection	IP67	IP67	IP66	IP66
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V
Dimensions	194.4×63×63mm	232×74.8×80mm	199.4×67mm	277×80mm

HDVI CAMERAS

SMP Hybrid Camera				
Model	SN-D1305EF-AB3	SN-D1305EE-AZ5	SN-E1305F-AB3	SN-E1305VD-AM2
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	3.6mm/F2.0	2.7~13.5mm/F1.6 (Motorized)	3.6mm/F2.0	2.8~12mm/F1.6
FOV-H	80°	100.8°~32°	80°	100.6°~34.8°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	dWDR,OFF/ON	dWDR,OFF/ON	dWDR,OFF/ON	dWDR,OFF/ON
Noise Reduction	2D DNR, MANUAL(1-10)	2D DNR, MANUAL(1-10)	2D DNR, MANUAL(1-10)	2D DNR, MANUAL(1-10)
IR Distance	Up to 20m	Up to 30m	Up to 20m	Up to 30m
Max. Resolution	2560×1920	2560×1920	2560×1920	2560×1920
Frames Per Second	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps	AHD/TVI: 5MP@20fps, AHD/TVI/CVI: 4MP@30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes
Ingress Protection	IP67, IK10	IP66, IK10	IP66	IP66
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V
Dimensions	Φ110×85.4mm	Φ130×112mm	Φ94×84mm	Φ120×100mm

HDVI CAMERAS

4MP Hybrid Camera						
Model	SN-B1304BY-AB3	SN-B1304BZ-AZ4	SN-D1304EF-AB3	SN-D1304EE-AZ4	SN-E1304F-AB3	SN-E1304VD-AM2
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	3.6mm/F2.0	2.8~12mm/F1.6 (Motorized)	3.6mm/F2.0	2.8~12mm/F1.6 (Motorized)	3.6mm/F2.0	2.8~12mm/F1.6
FOV-H	90°	100°~43.5°	90°	100°~43.5°	90°	110°~38.3°
Day and Night	ICR	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.05Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON
Noise Reduction	2D DNR, AUTO/MANUAL(1-10)	2D DNR, AUTO/MANUAL(1-10)	2D DNR, AUTO/MANUAL(1-10)	2D DNR, AUTO/MANUAL(1-10)	2D DNR, AUTO/MANUAL(1-10)	2D DNR, AUTO/MANUAL(1-10)
IR Distance	Up to 20m	Up to 30m	Up to 20m	Up to 30m	Up to 20m	Up to 30m
Max. Resolution	2560x1440	2560x1440	2560x1440	2560x1440	2560x1440	2560x1440
Frames Per Second	4MP@ 30fps	4MP@ 30fps	4MP@ 30fps	4MP@ 30fps	4MP@ 30fps	4MP@ 30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes	Yes	Yes
Ingress Protection	IP67	IP67	IP67, IK10	IP66, IK10	IP67	IP67
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V
Dimensions	194.4x63x63mm	232x74.8x80mm	Φ110x85.4mm	Φ130x112mm	Φ94x84mm	Φ120x100mm




HDVI CAMERAS

2MP Hybrid Camera					
Model	SN-B1302BS-BB1	SN-B1302BY-BB3	SN-B1302BZ-AZ4	SN-B1302BU-BB3	SN-B1302BG-BM2
Appearance					
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Lens	1.8mm/F2.0	3.6mm/F2.0	2.8~12mm/F1.6 (Motorized)	3.6mm/F2.0	2.8~12mm/F1.6
FOV-H	140°	80.9°	100°~35°	80.9°	100°~36.7°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON
Noise Reduction	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)
IR Distance	Up to 10m	Up to 20m	Up to 40m	Up to 20m	Up to 40m
Max. Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frames Per Second	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes	Yes
Ingress Protection	IP67	IP67	IP67	IP66	IP66
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V	DC12V
Dimensions	154x63x58mm	194.4x63x63mm	232x74.8x80mm	199.4x67mm	277x80mm





HDVI CAMERAS

2MP Hybrid Camera					
Model	SN-D1302EF-BB3	SN-D1302EE-AZ4	SN-E1302F-BB1	SN-E1302F-BB3	SN-E1302VD-BM2
Appearance					
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Lens	3.6mm/F2.0	2.8~12mm/F1.6 (Motorized)	1.8mm/F2.0	3.6mm/F2.0	2.8~12mm/F1.6
FOV-H	80.9°	100°~35°	140°	80.9°	100°~36.7°
Day and Night	ICR	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON	dWDR, OFF/ON
Noise Reduction	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)	3D DNR, AUTO/MANUAL(0-10)
IR Distance	Up to 20m	Up to 30m	Up to 10m	Up to 20m	Up to 35m
Max. Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Frames Per Second	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes	Yes
Ingress Protection	IP67, IK10	IP66, IK10	IP66	IP66	IP66
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V	DC12V
Dimensions	Φ110×85.4mm	Φ130×112mm	Φ94×84mm	Φ94×84mm	Φ120×100mm





HDVI CAMERAS

2MP Hybrid WDR Camera				
Model	SN-B1302BY-EB3	SN-B1302BZ-EZ4	SN-D1302EF-EB3	SN-D1302EE-EZ4
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	3.6mm/F2.0	2.8~12mm/F1.6 (Motorized)	3.6mm/F2.0	2.8~12mm/F1.6 (Motorized)
FOV-H	85°	95°~37.8°	85°	95°~37.8°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)
WDR	WDR	WDR	WDR	WDR
Noise Reduction	3D DNR, AUTO/MANUAL(0-30)	3D DNR, AUTO/MANUAL(0-30)	3D DNR, AUTO/MANUAL(0-30)	3D DNR, AUTO/MANUAL(0-30)
IR Distance	Up to 30m	Up to 30m	Up to 30m	Up to 30m
Max. Resolution	1920×1080	1920×1080	1920×1080	1920×1080
Frames Per Second	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes
Ingress Protection	IP67	IP67	IP67, IK10	IP66, IK10
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V
Dimensions	194.4×63×63mm	232×74.8×80mm	Φ110×85.4mm	Φ130×112mm





HDVI CAMERAS

Model	2MP Full-color Hybrid Camera			2MP Pinhole Camera
	SN-B1302BS-DB4	SN-B1302BY-DB4	SN-B1302BG-EM2	SN-P1302BT-EP3
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	4mm/F1.0	4mm/F1.0	2.8~12mm/F1.6	3.7mm/F2.0
FOV-H	88°	88°	110°~60.5°	82°
Day and Night	-	-	-	-
Min. Illumination(lux)	Color: 0.005Lux@(F1.2,AGC ON)	Color: 0.005Lux@(F1.2,AGC ON)	Color: 0.005Lux@(F1.2,AGC ON) B/W: 0Lux@(IR LED ON)	Color: 0.01Lux@(F1.2,AGC ON) B/W: 0.0001Lux@(F1.2,AGC ON))
WDR	WDR	WDR	WDR	WDR
Noise Reduction	3D DNR, AUTO/MANUAL(0-30)	3D DNR, AUTO/MANUAL(0-30)	3D DNR, AUTO/MANUAL(0-30)	3D DNR, AUTO/MANUAL(0-30)
White Light	-	-	Up to 50m	-
Max. Resolution	1920×1080	1920×1080	1920×1080	1920×1080
Frames Per Second	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes
OSD Joystick	Yes	Yes	Yes	Yes
Ingress Protection	IP67	IP67	IP66	-
Operating Temperature	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)	-10°C~55°C (14°F~131°F)
Power	DC12V	DC12V	DC12V	DC12V
Dimensions	154×63×58mm	194.4×63×63mm	277×80mm	46.4×57×20mm

HDVI CAMERAS

Model	5MP Hybrid PTZ Camera			
	SN-H1305P-AT10	SN-H1305S-AT20	SN-H1305H-AT20	SN-H1305H-AT33
Appearance				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens	10X, 5.1~51mm/F2.3~F2.5	20X, 4.7mm~94mm/F1.6~F3.5	20X, 4.7mm~94mm/F1.6~F3.5	33X, 4.6mm~152mm/F1.6~F4.8
FOV-H	68°~6.7°	58.7°~3.2°	58.7°~3.2°	55.2°~3.2°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.01Lux @F1.2, B/W: 0Lux @F1.2 (IR on)		Color: 0.01Lux @F1.2, B/W: 0Lux @F1.2 (IR on)	
WDR	dWDR	dWDR	dWDR	dWDR
Noise Reduction	2D DNR	2D DNR	2D DNR	2D DNR
IR Distance	Up to 80m	Up to 150m	Up to 150m	Up to 150m
Max. Resolution	2600×1944	2600×1944	2600×1944	2600×1944
Frames Per Second	5MP@ 20fps	5MP@ 20fps	5MP@ 20fps	5MP@ 20fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes
OSD Joystick	-	-	-	-
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	-10 °C ~ 55°C (14°F ~ 131 °F)	-10 °C ~ 55°C (14°F ~ 131 °F)	-10 °C ~ 55°C (14°F ~ 131 °F)	-10 °C ~ 55°C (14°F ~ 131 °F)
Power	DC24V	DC24V	DC24V	DC24V
Dimensions	Φ128×280.6mm	Φ128×280.6mm	Φ226×336.5mm	Φ226×336.5mm







HDVI CAMERAS

2MP Hybrid PTZ Camera				
Model	SN-H1302P-AT10	SN-H1302S-AT20	SN-H1302H-AT20	SN-H1302H-AT33
Appearance				
Image Sensor	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Lens	10X, 5.1~51mm/F2.3~F2.5	20X, 4.7mm~94mm/F1.6~F3.5	20X, 4.7mm~94mm/F1.6~F3.5	33X, 4.6mm~152mm/F1.6~F4.8
FOV-H	68°~6.7°	58.7°~3.2°	58.7°~3.2°	55.2°~3.2°
Day and Night	ICR	ICR	ICR	ICR
Min. Illumination(lux)	Color: 0.005Lux @F1.2, B/W: 0Lux @F1.2 (IR on)		Color: 0.005Lux @F1.2, B/W: 0Lux @F1.2 (IR on)	
WDR	dWDR	dWDR	dWDR	dWDR
Noise Reduction	2D DNR	2D DNR	2D DNR	2D DNR
IR Distance	Up to 80m	Up to 150m	Up to 150m	Up to 150m
Max. Resolution	1920x1080	1920x1080	1920x1080	1920x1080
Frames Per Second	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps	2MP@ 30fps
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Up the Coax	Yes	Yes	Yes	Yes
OSD Joystick	-	-	-	-
Ingress Protection	IP66	IP66	IP66	IP66
Operating Temperature	-40 °C ~ 60 °C (-40°F ~ 140 °F)	-40 °C ~ 60 °C (-40°F ~ 140 °F)	-40 °C ~ 60 °C (-40°F ~ 140 °F)	-40 °C ~ 60 °C (-40°F ~ 140 °F)
Power	DC24V	DC24V	DC24V	DC24V
Dimensions	Φ128x280.6mm	Φ128x280.6mm	Φ226x336.5mm	Φ226x336.5mm

DIGITAL VIDEO RECORDER

H.265 4K Hybrid DVR				
Model	SN-ADR3604E1	SN-ADR3608E1	SN-ADR3608E2	SN-ADR3616E2
Appearance				
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Audio Compression	G.711A	G.711A	G.711A	G.711A
Video Standard	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)
Recording Resolution	4K/5MP/4MP/1080P/720P/D1	4K/5MP/4MP/1080P/720P/D1	4K/5MP/4MP/1080P/720P/D1	4K/5MP/4MP/1080P/720P/D1
Recording Rate	4K@7fps 5MP@12fps 4MP@ 15fps 1080P@30fps	4K@7fps 5MP@12fps 4MP@ 15fps 1080P@30fps	4K@7fps 5MP@12fps 4MP@ 15fps 1080P@30fps	4K@7fps 5MP@12fps 4MP@ 15fps 1080P@30fps
CVBS Input	4ch, 1.0Vp-p, 75Ω	8ch, 1.0Vp-p, 75Ω	8ch, 1.0Vp-p, 75Ω	16ch, 1.0Vp-p, 75Ω
IP Input	4ch+2ch (Up to 1080P)	8ch+4ch (Up to 1080P)	8ch+4ch (Up to 1080P)	16ch+8ch (Up to 1080P)
Max HDD	1x8TB	1x8TB	2x8TB	2x8TB
Record	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer
Playback	4ch (pure local input mode)	8ch (pure local input mode)	8ch (pure local input mode)	16ch (pure local input mode)
Ethernet	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
Display	HD-OUT(3840x2160), VGA(1920x1080)		HD-OUT(3840x2160), VGA(1920x1080)	
Audio In/Out	4/1	4/1	8/1	-
Alarm In/Out	-	-	4/1	16/4
USB	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC12V/2A	DC12V/2A	DC12V/4A	DC12V/4A
Dimensions	255mmx244mmx44mm	255mmx244mmx44mm	350mmx305mmx49mm	350mmx305mmx49mm

DIGITAL VIDEO RECORDER

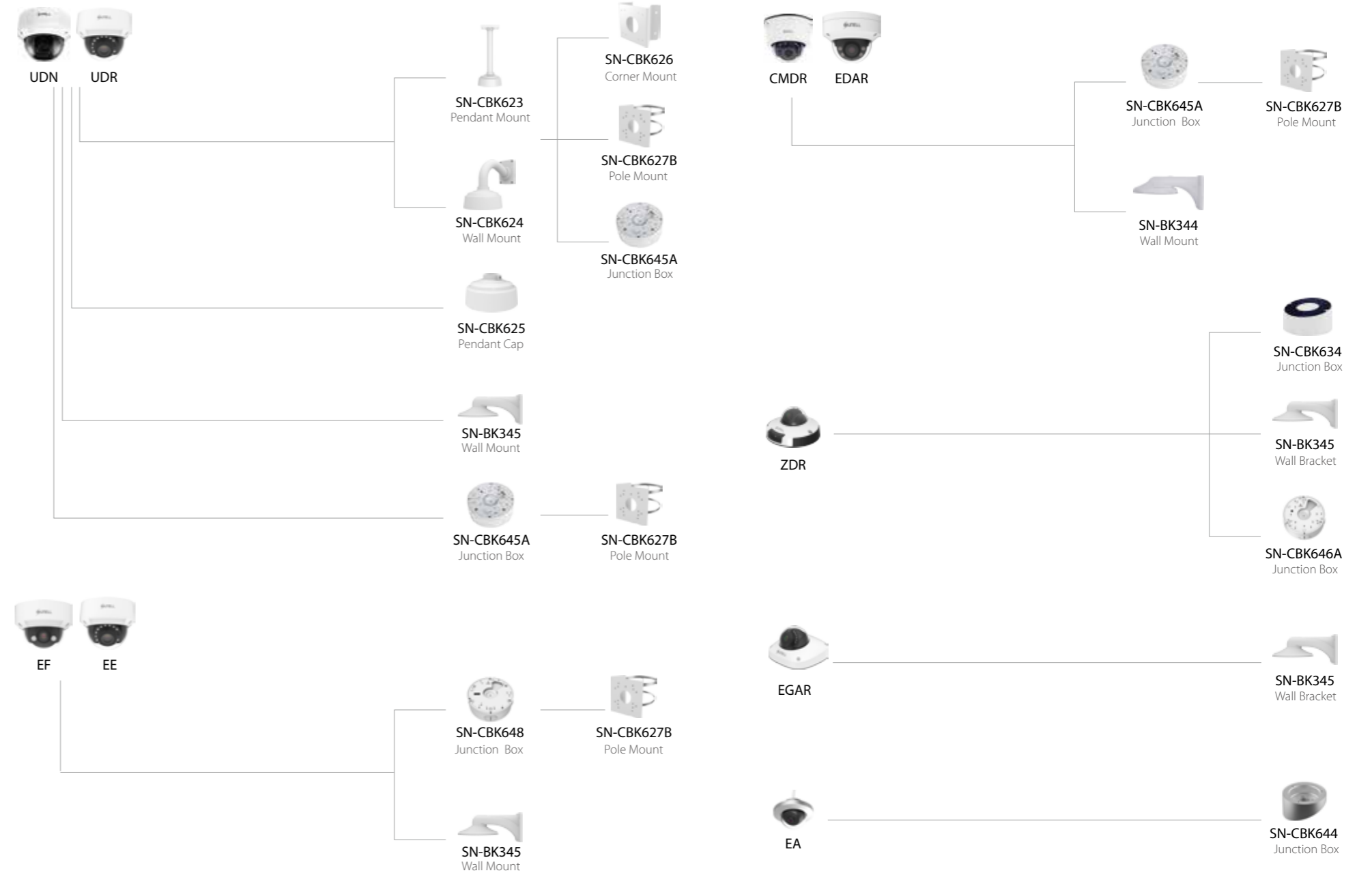
H.265 4MP Hybrid DVR						
Model	SN-ADR3304E1	SN-ADR3308E1	SN-ADR3316E1	SN-ADR3308E2	SN-ADR3316E2	SN-ADR3332E4
Appearance						
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Audio Compression	G.711A	G.711A	G.711A	G.711A	G.711A	G.711A
Video Standard	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)
Recording Resolution	5MP-N/4MP/1080P/720P/D1	5MP-N/4MP/1080P/720P/D1	5MP-N/4MP/1080P/720P/D1	5MP-N/4MP/1080P/720P/D1	5MP-N/4MP/1080P/720P/D1	5MP-N/4MP/1080P/720P/D1
Recording Rate	5MP-N@10fps 4MP@7fps 1080P@15fps	5MP-N@10fps 4MP@7fps 1080P@15fps	5MP-N@10fps 4MP@7fps 1080P@15fps	5MP-N@10fps 4MP@7fps 1080P@15fps	5MP-N@10fps 4MP@7fps 1080P@15fps	5MP-N@10fps 4MP@7fps 1080P@15fps
CVBS Input	4ch, 1.0Vp-p, 75Ω	8ch, 1.0Vp-p, 75Ω	16ch, 1.0Vp-p, 75Ω	8ch, 1.0Vp-p, 75Ω	16ch, 1.0Vp-p, 75Ω	32ch, 1.0Vp-p, 75Ω
IP Input	4ch+2ch (Up to 1080P)	8ch+4ch (Up to 1080P)	16ch+8ch (Up to 1080P)	8ch+4ch (Up to 1080P)	16ch+8ch (Up to 1080P)	32ch (Up to 1080P)
Max HDD	1x8TB	1x8TB	1x8TB	2x8TB	2x8TB	4x8TB
Record	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer
Playback	4ch (pure local input mode)	8ch (pure local input mode)	16ch (pure local input mode)	8ch (pure local input mode)	16ch (pure local input mode)	16ch (pure local input mode)
Ethernet	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M/1000M
Display	HD-OUT(3840x2160), VGA(1920x1080), CVBS		HD-OUT(3840x2160), VGA(1920x1080), CVBS		HD-OUT(3840x2160), VGA(1920x1080), CVBS	
Audio In/Out	1/1	1/1	1/1	1/1	6/1	16/1
Alarm In/Out	-	-	-	-	4/1	16/4
USB	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC12V/2A	DC12V/2A	DC12V/2A	DC12V/4A	DC12V/4A	DC12V/6A
Dimensions	255mmx244mmx44mm	255mmx244mmx44mm	255mmx244mmx44mm	350mmx305mmx49mm	350mmx305mmx49mm	440mmx400.5mmx60mm

DIGITAL VIDEO RECORDER

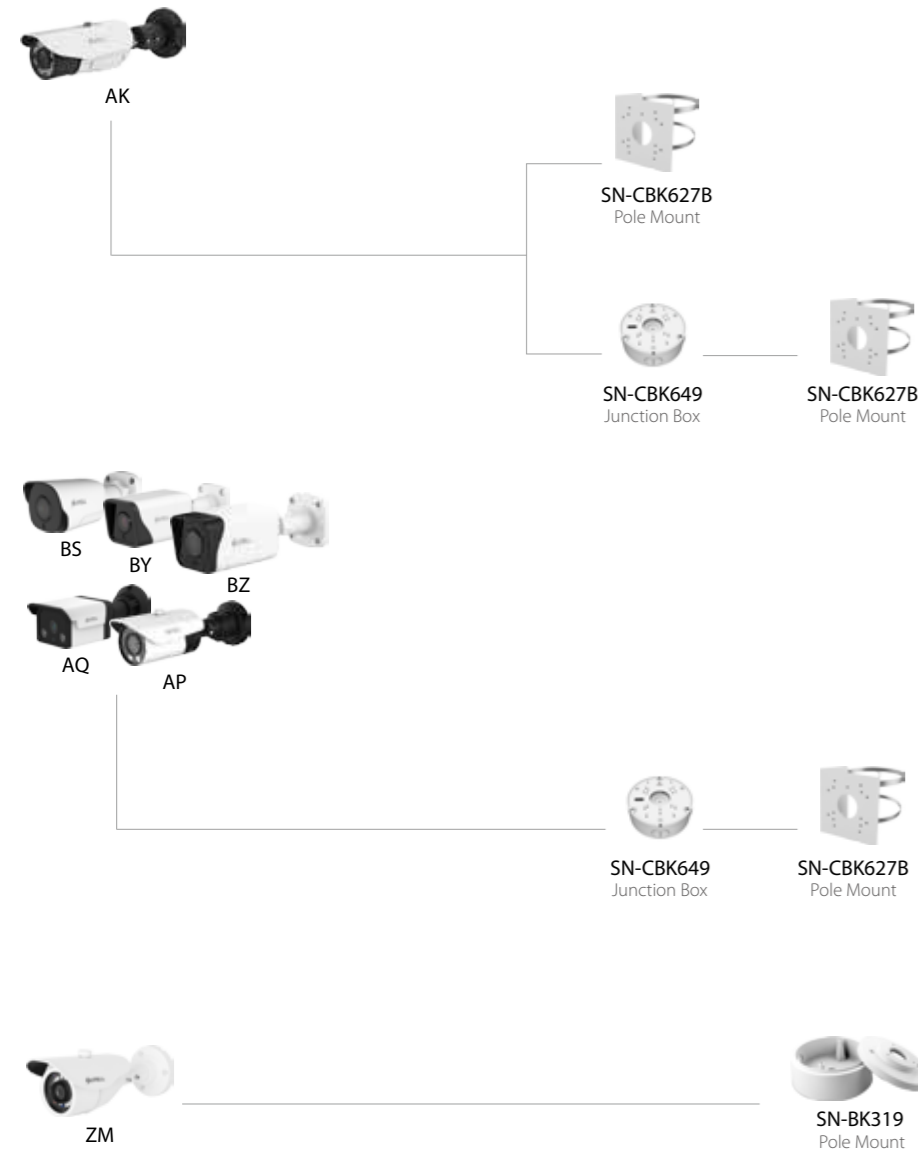
H.265 1080N Hybrid DVR			
Model	SN-ADR3108E1	SN-ADR3116E1	SN-ADR3116E2
Appearance			
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264
Audio Compression	G.711A	G.711A	G.711A
Video Standard	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)	AHD/TVI/CVI/CVBS (Auto-detect)
Recording Resolution	1080N/720P/D1	1080N/720P/D1	1080N/720P/D1
Recording Rate	8ch 1080N@15fps	16ch 1080N@15fps	16ch 1080N@15fps
CVBS Input	8ch, 1.0Vp-p, 75Ω	16ch, 1.0Vp-p, 75Ω	16ch, 1.0Vp-p, 75Ω
IP Input	8ch (Up to 1080P)	16ch (Up to 1080P)	16ch (Up to 1080P)
Max HDD	1x8TB	1x8TB	2x8TB
Record	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer
Playback	8ch (pure local input mode)	16ch (pure local input mode)	16ch (pure local input mode)
Ethernet	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
Display	HD-OUT(3840x2160), VGA(1920x1080)	HD-OUT(3840x2160), VGA(1920x1080)	HD-OUT(3840x2160), VGA(1920x1080)
Audio In/Out	1/1	2/1	6/1
Alarm In/Out	-	-	-
USB	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC12V/2A	DC12V/2A	DC12V/4A
Dimensions	255mmx244mmx44mm	255mmx244mmx44mm	350mmx305mmx49mm



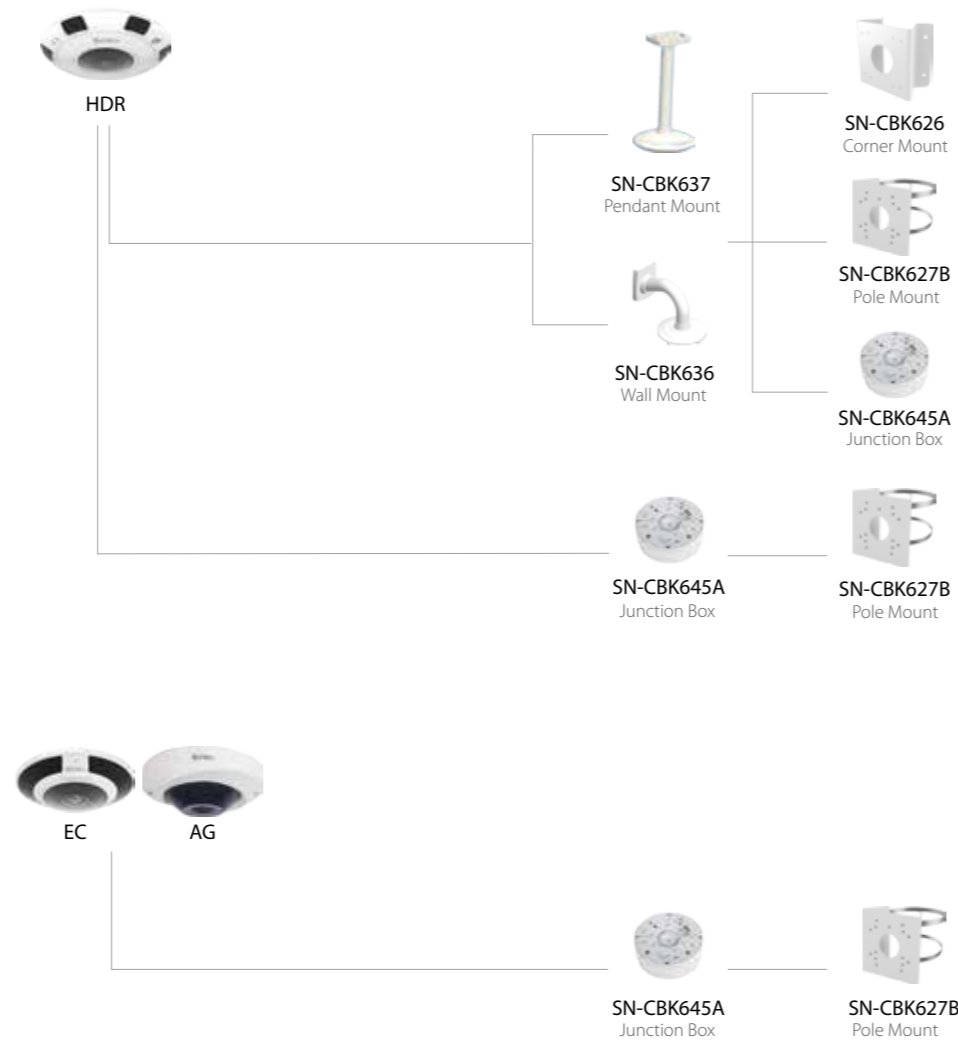
Dome Camera Mount



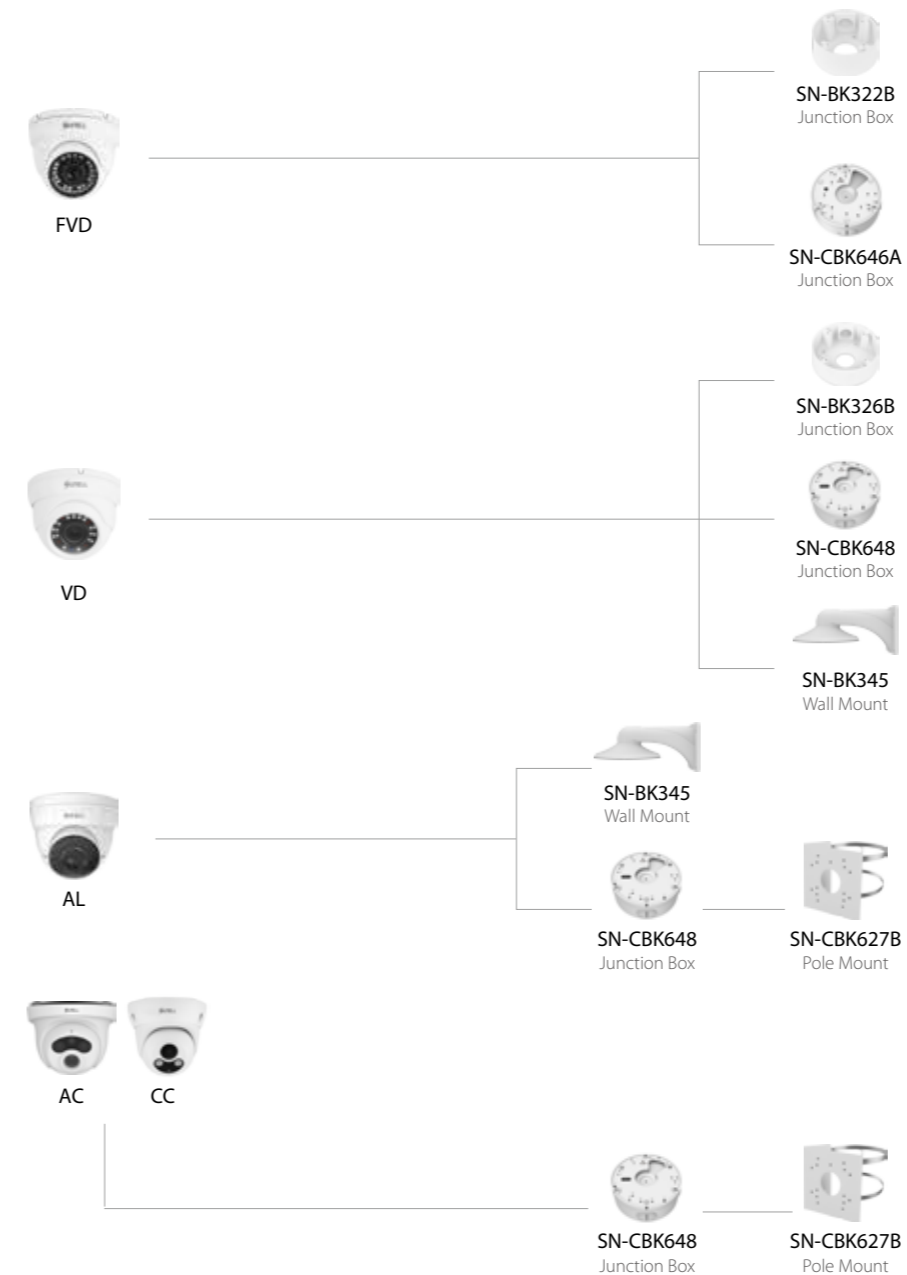
Bullet Camera Mount



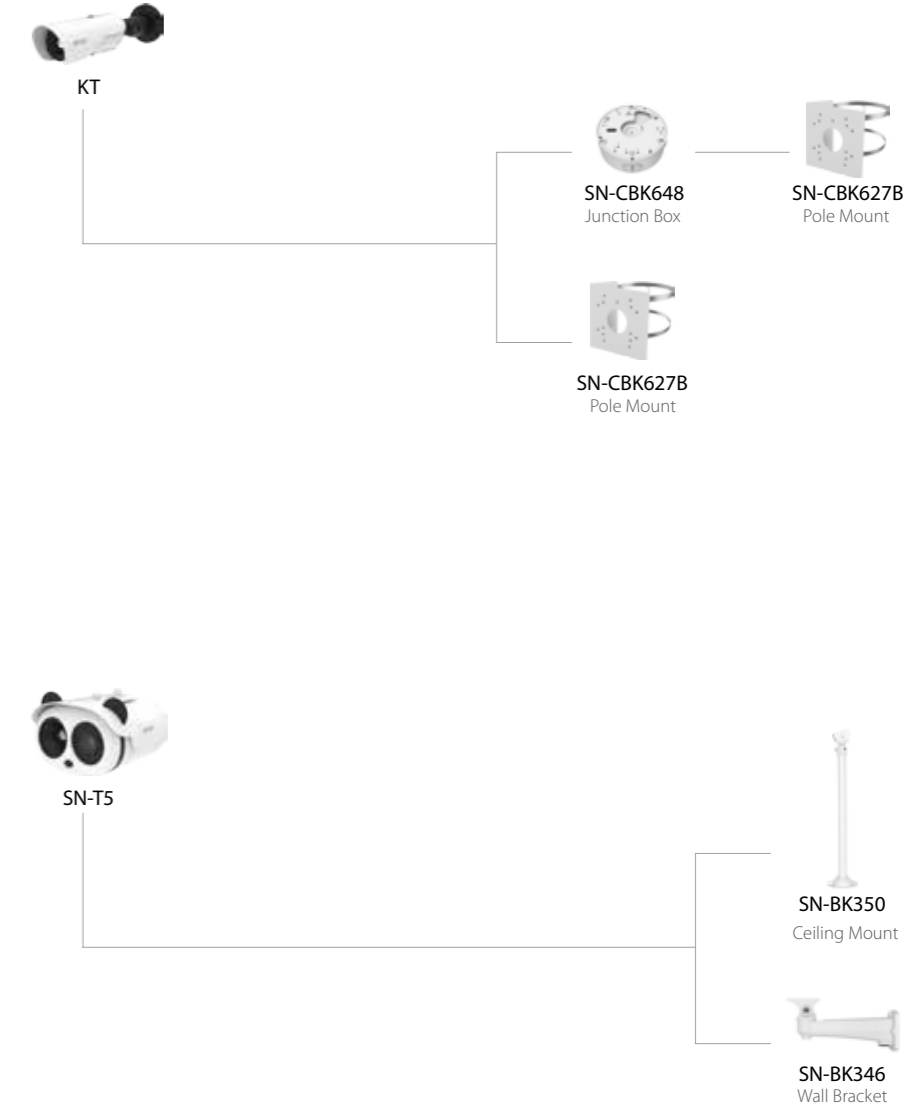
Fisheye Camera Mount



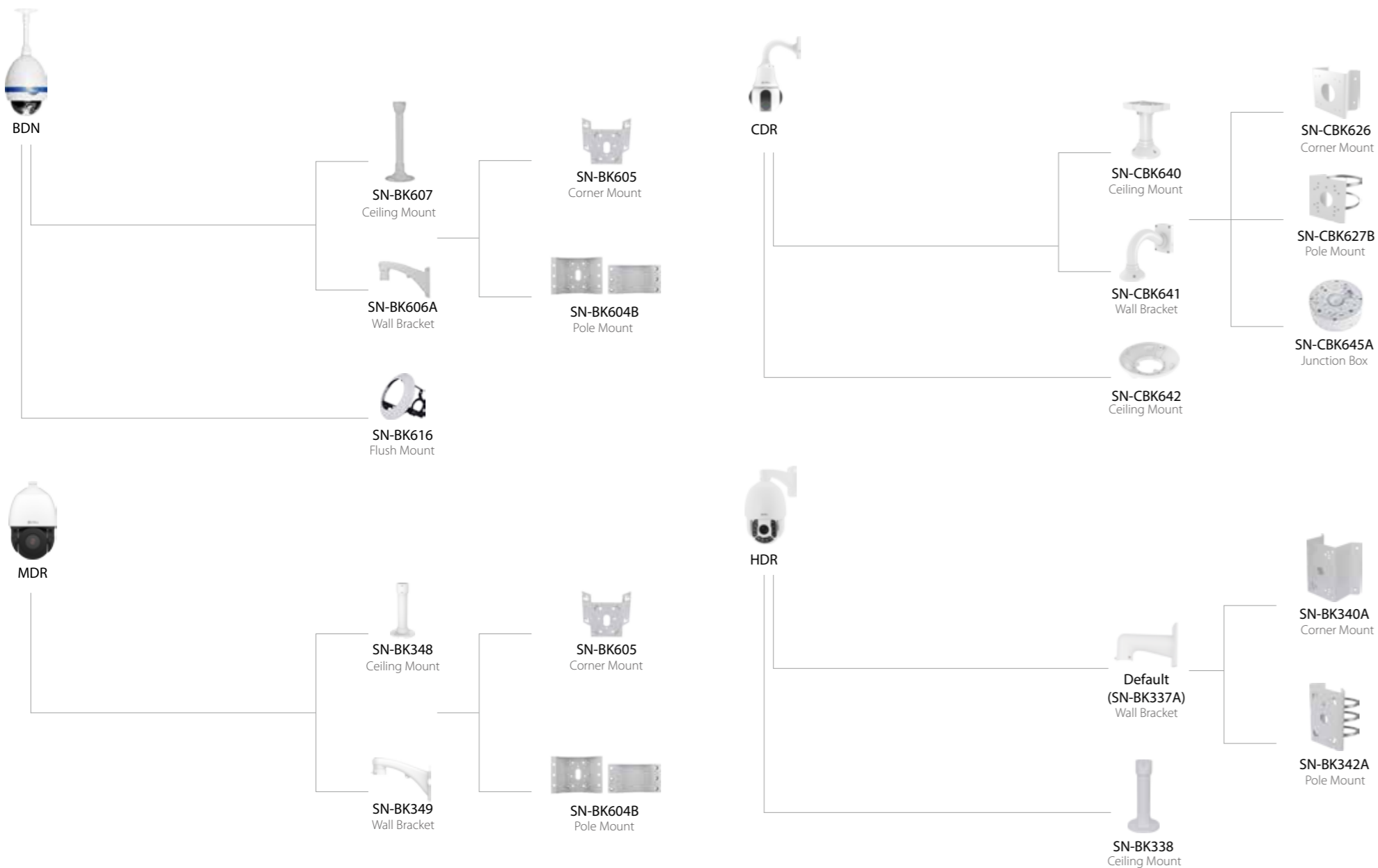
Eyeball Camera Mount



Thermal Camera Mount



PTZ Camera Mount

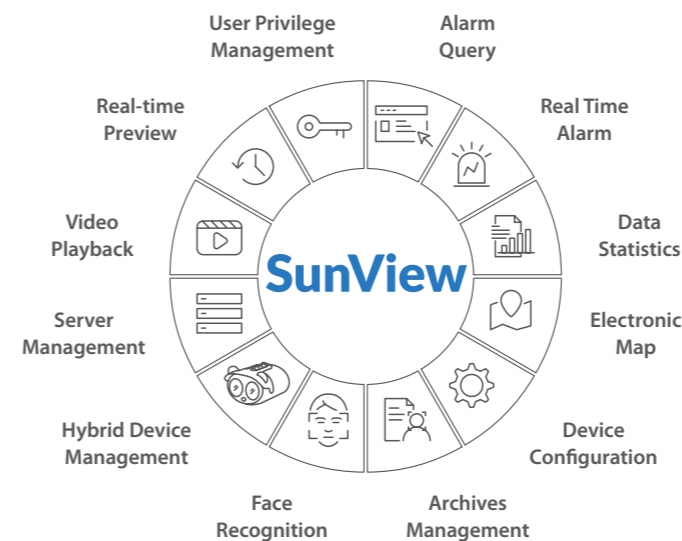


SunView

Sunell Central Management Platform

Network Topology

- ✓ Client/Server Based
- ✓ Central Management
- ✓ Distributed Deployment
- ✓ 10000+ Cameras, 5000+ Users



Main Functions

- ✓ Face Recognition
- ✓ Smart Search, Face Tracking
- ✓ White & Black List Alarm
- ✓ Multiple Screens

