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SUNELL VIDEO SURVEILLANCE PRODUCTS

SELECTION GUIDE

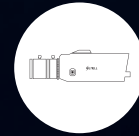
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COMPANY PROFILE

200+

R&D engineers

90+

Products sold to 80+ countries and regions

Since its foundation in 2002, Sunell Technology Corporation has aimed to be a top international security enterprise, and provide prominent marketing service.

With its headquarters in Shenzhen, Sunell has branch offices in South Africa, America, Taiwan, Beijing, Shanghai, Guangzhou, Nanjing, Chengdu, Xi'an, Kunming, Shenyang, Hangzhou, Nanchang, Jinan, Wuhan, Tianjin, Fuzhou, Harbin, Changchun, Guiyang, Chongqing, Lanzhou, Zhengzhou, Wenzhou, Changsha, Fuzhou, Nanning, Urumuchi, Hainan, Hefei, Taiyuan and Qingdao, etc.

Sunell has constructed a high level R&D technology platform, improved the R&D procedures, and implemented RUP management system. Sunell is the 'National Hi-Tech Enterprise', and has been awarded by Shenzhen government as 'Top 100 Software Enterprise' and 'Honesty Enterprise'. Sunell is the executive director and vice president enterprise of China and Shenzhen Security & Protection Industry Association respectively, as well as the Standing Member of China Intelligent High Definition CCTV Alliance. Sunell is ranked as Famous Brand by Shenzhen government and China Security & Protection Industry, Top 10 Security Brand in China Market, Top 10 Influential Chinese Security Brand, and the Recommendation

Brand of 3111 China Government Project and China Safe City Construction Project, China Safe City Construction Project and China Prison Industry. Sunell wins the Major Project Certificate by Shenzhen government, and is regarded as the most valuable supplier in finance field.

Sunell runs the excelsior production mode. Sunell has passed the ISO9001, ISO14001 and QHSAS18000 authentication. Sunell Products are accredited by RoHS, CE, FCC, CMA and Chinese Army. Sunell is equipped with high - precision test devices to ensure the excellent quality.

Sunell products are widely applied in government, public security, finance, traffic, telecom, airport, seaport, post office, electric power and intelligent building, etc. Sunell products have enjoyed high reputation in local China market and have been sold to more than 90 countries and regions including USA, Canada, Japan, England, Germany, France, Italy, Australia, Russia, Saudi Arabia, Turkey, Malaysia, South Africa, and Chile, etc.

H.265 Line Camera

Model	12MP Camera	4.0MP Camera				4.0MP Motorized Camera	
	SN-IPR57/80AKDN/Z	SN-IPR57/41AQDN	SN-IPV57/41ZDR	SN-IPR57/41ACDN	SN-IPR57/41ALDN	SN-IPR57/41AKDN/Z	SN-IPR57/41APDN/Z
							
CAMERA							
Image Sensor	1/1.7"COMS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000
Auto Iris	Yes	Fixed	Fixed	Fixed	Yes	Yes	Yes
Wide Dynamic Range	dWDR	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	4.1-12.8mm Motorized Lens	3.6mm, 2.8/6mm Optional	2.8mm, 3.6mm Optional	2.8mm, 3.6/6mm Optional	3-12mm VF Lens	2.8-12mm Motorized Lens	2.8-12mm Motorized Lens
IR Range	50-70m	20-30m	6-10m	10-15m	15-20m	30-40m	20-25m
IMAGE							
Max.Resolution	4000x3000/20fps	2592x1520/20fps	2592x1520/20fps	2592x1520/20fps	2592x1520/20fps	2592x1520/30fps	2592x1520/20fps
ROI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Defog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Trigger	Motion Detection,Line Crossing,Tamper, Area Instrusion,Camera Move,Dwell,Multiple Dwell,Retrograde Detection,Object Left,Object Remove,Abnormal Speed, Illegal Parking,Network disconnect,Disk alarm,I/O alarm						
INTERFACE							
Audio I/O	1ch Audio In/Out	N/A	1ch Audio In/Out (Microphone Optional)	1ch Audio In/Out Built-in Microphone	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out
Alarm I/O	1ch Alarm In/Out	N/A	N/A	Optional 1ch Alarm In/ Out	N/A	1ch Alarm In/Out	N/A
Edge Storage	Max 128GB	N/A	Max 128GB	N/A	Max 128GB	Max 128GB	Max 128GB
GENERAL							
Power Supply	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE
Operating Temperature	Starting Temperature:-30°C ~ 60°C (-22°F ~140°F) ; Working Temperature:-40°C ~ 60°C (-40°F ~ 140°F)						
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66,IK10	IP66
Product Dimensions	Φ110×377mm	169×70×60mm	Φ100×53mm	119.09×89.1mm	Φ120×105.5mm	Φ110×377mm	Φ80.3×264.5mm
Product Weight	1700g	500g	400g	500g	700g	1680g	830g

H.265 Line Camera

Model	4.0MP Motorized Camera		4.0MP Mini Motorized Camera			2.0MP Starlight Camera	
	SN-IPV57/41UDR/Z	SN-IPV57/41CLDR/Z	SN-IPR57/41AQDN/Z	SN-IPR57/41ACDN/Z	SN-IPV57/41CMDR/Z	SN-IPC57/21HDN	SN-IPC57/21HDN/F
							
CAMERA							
Image Sensor	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/1.9"COMS	1/1.9"COMS
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/1-1/33000	1/1-1/33000
Auto Iris	Yes	Yes	Fixed	Fixed	Fixed	Yes	Yes
Wide Dynamic Range	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	dWDR	dWDR
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	2.8-12mm Motorized Lens	2.8-12mm Motorized Lens	2.8-8mm Motorized Lens	2.8-8mm Motorized Lens	2.8-8mm Motorized Lens	N/A	N/A
IR Range	15-20m	15-20m	20-30m	10-15m	10-15m	N/A	N/A
Focus	N/A	N/A	N/A	N/A	N/A	N/A	Support ABF
IMAGE							
Max.Resolution	2592x1520/20fps	2592x1520/20fps	2592x1520/20fps	2592x1520/20fps	2592x1520/20fps	1920x1080/30fps	1920x1080/30fps
ROI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Defog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Trigger	Motion Detection,Line Crossing,Tamper, Area Instrusion,Camera Move,Dwell,Multiple Dwell,Retrograde Detection,Object Left,Object Remove,Abnormal Speed, Illegal Parking,Network disconnect,Disk alarm,I/O alarm						
INTERFACE							
Audio I/O	1ch Audio In/Out	1ch Audio In/Out Built-in Microphone	N/A	1ch Audio In/Out Built-in Microphone	1ch Audio In/Out Built-in Microphone	1ch Audio In/Out,Built-in Microphone	1ch Audio In/Out,Built-in Microphone
Alarm I/O	1ch Alarm In/Out	1ch Alarm In/Out	N/A	N/A	1ch Alarm In/Out	1ch Alarm In/Out	1ch Alarm In/Out
Edge Storage	Max 128GB	Max 128GB	N/A	N/A	Max 128GB	Max 128GB	Max 128GB
GENERAL							
Power Supply	DC12V/POE (AC24V optional)	DC12V/POE (AC24V optional)	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE/AC24V	DC12V/POE/AC24V
Operating Temperature	Starting Temperature:-30℃ ~ 60℃ (-22°F ~140°F) ; Working Temperature:-40℃ ~ 60℃ (-40°F ~ 140°F)					Starting Temperature:-10℃~50℃ (14°F~122°F) Working Temperature:-20℃~50℃ (-4°F~122°F)	
Ingress Protection	IP66,IK10	IP66	IP66	IP66	IP66	N/A	N/A
Product Dimensions	Φ130×112mm	Φ139×117mm	169x70x60mm	119.09x89.1mm	Φ120x96mm	150.2×74.4×69.7mm	150.2×74.4×69.7mm
Product Weight	900g	880g	500g	500g	700g	400g	400g

H.265 Line Camera						
Model	2.0MP WDR Pinhole Camera	2.0MP WDR Camera		2.0MP WDR Motorized Camera		
	SN-MNC57/20AG	SN-IPC57/20EDN	SN-IPV57/20UDR	SN-IPR57/20APDN/Z	SN-IPR57/20AKDN/Z	SN-IPV57/20UDR/Z
						
CAMERA						
Image Sensor	1/2.8"COMS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Day & Night	Fixed	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000
Auto Iris	Fixed	Yes	Yes	Yes	Yes	Yes
Wide Dynamic Range	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB	True WDR>120dB
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	3.7mm	N/A	2.8-12mm VF Lens	2.7-12mm Motorized Lens	2.7-12mm Motorized Lens	2.7-12mm Motorized Lens
IR Range	N/A	N/A	15-20m	20-25m	30-40m	15-20m
IMAGE						
Max.Resolution	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps
ROI	Yes	Yes	Yes	Yes	Yes	Yes
Defog	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Trigger	Motion Detection,Line Crossing,Tamper, Area Instrusion,Camera Move,Dwell,Multiple Dwell,Retrograde Detection,Object Left,Object Remove,Abnormal Speed, Illegal Parking,Network disconnect,Disk alarm,I/O alarm					
INTERFACE						
Audio I/O	1ch Audio In/Out	2ch Audio In, 1ch Audio Out	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out
Alarm I/O	2ch Alarm In,1ch Alarm Out	1ch Alarm In/Out	1ch Alarm In/Out	N/A	1ch Alarm In/Out	1ch Alarm In/Out
Edge Storage	Max 128GB	Max 128GB	Max 128GB	Max 128GB	Max 128GB	Max 128GB
GENERAL						
Power Supply	DC12V	DC12V/POE/AC24V	DC12V/POE/AC24V	DC12V/POE	DC12V/POE	DC12V/POE/AC24V
Operating Temperature	Starting Temperature:-10°C~50°C (14°F~122°F) Working Temperature:-20°C~50°C (-4°F~122°F)		Starting Temperature:-30°C ~ 60°C (-22°F ~140°F) ; Working Temperature:-40°C ~ 60°C (-40°F ~ 140°F)			
Ingress Protection	N/A	IP66	IP66,IK10	IP66	IP66,IK10	IP66,IK10
Product Dimensions	37.6×32.8×46.5mm	142x78x65mm	Φ130x112mm	Φ80.3x264.5mm	Φ110x377mm	Φ130x112mm
Product Weight	180g	390g	900g	830g	1680g	900g

Intelligent Camera				
Model	2.0 MP Camera			
	SN-IPC56/20EDN	SN-IPV56/20UDR	SN-IPR56/20APDN	SN-IPR56/20AKDN
				
CAMERA				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Day & Night	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000
Auto Iris	Yes	Yes	Yes	Yes
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D
Lens	N/A	3.0-12mm Lens	3.0-12mm Lens	3.0-12mm Lens
IR Range	N/A	15-20m	20-25m	30-40m
IMAGE				
Max. Resolution	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps
ROI	Yes	Yes	Yes	Yes
Defog	Yes	Yes	Yes	Yes
Alarm Trigger	Default Base: Motion Detection,Line Crossing,Tamper, Area Instrusion, Network disconnect,Disk alarm,I/O alarm Optional Advance: Motion Detection,Line Crossing,Tamper, Area Instrusion, Camera Move,Dwell,Multiple Dwell,Retrograde Detection,Object Left,Object Remove,Abnormal Speed, Illegal Parking,Network disconnect,Disk alarm,I/O alarm			
INTERFACE				
Audio I/O	1ch Audio In/Out , Built-in Microphone	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out
Alarm I/O	1ch Alarm In/Out	1ch Alarm In/Out	N/A	1ch Alarm In/Out
Edge Storage	Max 64GB	Max 64GB	Max 64GB	Max 64GB
GENERAL				
Power Supply	AC24V/DC12V/POE	AC24V/DC12V/POE	DC12V/POE	DC12V/POE
Operating Temperature	Starting Temperature:-10°C~50°C (14°F~122°F) Working Temperature:-20°C~50°C (-4°F~122°F)			
Ingress Protection	N/A	IP66,IK10	IP66	IP66,IK10
Product Dimensions	142x78x65mm	Φ130x112mm	Φ80.3x264.5mm	Φ110x377mm
Product Weight	390g	900g	830g	1680g

Intelligent Camera

Model	2.0MP Motorized Camera		Extra HD			Fisheye
	SN-IPR56/20AKDN/Z	SN-IPV56/20UDR/Z	SN-IPR56/60AKDN	SN-IPV56/40UDR	SN-IPR56/40APDN	SN-IPV56/60HDR
						
CAMERA						
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/1.8" CMOS	1/3" CMOS	1/3" CMOS	1/1.8" CMOS
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/50000
Auto Iris	Yes	Yes	Yes	Yes	Yes	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	3.0-12mm Motorized Lens	2.8-12mm Motorized Lens	3.6-10mm	3.0-12mm VF Lens	3.0-12mm	1.6mm
IR Range	30-40m	15-20m	30-40m	15-20m	20-25m	10m
IMAGE						
Max. Resolution	1920x1080/30fps	1920x1080/30fps	3072x2048/20fps	2688x1512/20fps	2688x1512/20fps	3072x2048/15fps
ROI	Yes	Yes	Yes	Yes	Yes	N/A
Defog	Yes	Yes	Yes	Yes	Yes	N/A
Alarm Trigger	Default Base: Motion Detection,Line Crossing,Tamper, Area Instrusion, Network disconnect,Disk alarm,I/O alarm Optional Advance: Motion Detection,Line Crossing,Tamper, Area Instrusion,Camera Move,Dwell,Multiple Dwell,Retrograde Detection,Object Left,Object Remove,Abnormal Speed, Illegal Parking,Network disconnect,Disk alarm,I/O alarm					Motion Detection,Network disconnect,Disk alarm, I/O alarm
INTERFACE						
Audio I/O	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out , Built-in Microphone
Alarm I/O	1ch Alarm In/Out	1ch Alarm In/Out	1ch Alarm In/Out	1ch Alarm In/Out	N/A	1ch Alarm In/Out
Edge Storage	Max 64GB	Max 64GB	Max 64GB	Max 64GB	Max 64GB	Max 64GB
GENERAL						
Power Supply	DC12V/POE	AC24V/DC12V/POE	DC12V/POE	AC24V/DC12V/POE	DC12V/POE	AC24V/DC12V/POE
Operating Temperature	Starting Temperature:-30°C ~ 60°C (-22°F ~140°F) ; Working Temperature:-40°C ~ 60°C (-40°F ~ 140°F)					
Ingress Protection	IP66,IK10	IP66,IK10	IP66,IK10	IP66,IK10	IP66	IP66
Product Dimensions	Φ110×377mm	Φ130×112mm	Φ110×377mm	Φ130×112mm	Φ80.3×264.5mm	Φ160×46.8mm
Product Weight	1680g	900g	1680g	900g	830g	780g

Intelligent Camera Lite

Model	4.0 MP Camera						
	SN-IPV56/41UDR	SN-IPD56/41VDR	SN-IPR56/41APDN	SN-IPR56/41AQDN	SN-IPV56/41ZDR	SN-IPR56/41ACDN	SN-IPR56/41ALDN
							
CAMERA							
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000
Auto Iris	Optional	Optional	Optional	Fixed	Fixed	Fixed	Yes
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	3.0-12mm VF Lens	3.0-12mm VF Lens	3.0-12mm	3.6mm,6mm optional	Default 3.6mm ,2.8mm optional	2.8/3.6/6mm optional	3.0-12mm VF Lens
IR Range	15-20m	15-20m	20-25m	20-30m	6-10m	10-15m	15-20m
IMAGE							
Max. Resolution	2688x1512/15fps	2688x1512/15fps	2688x1512/15fps	2688x1512/15fps	2688x1512/15fps	2688x1512/15fps	2688x1512/15fps
ROI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Defog	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Trigger	Motion Detection,Line Crossing,Tamper, Area Instrusion, Network disconnect,Disk alarm,I/O alarm			Motion Detection,Network disconnect,Disk alarm			
INTERFACE							
Audio I/O	Optional 1ch In/ Out	1ch Audio In/Out , Built-in Microphone	Optional 1ch Audio In/ Out	N/A	1ch Audio In/Out	1ch Audio In/Out,Built-in microphone	1ch Audio In/Out
Alarm I/O	Optional 1ch I/O	Optional 1ch I/O	N/A	N/A	N/A	1ch Alarm In/Out	N/A
Edge Storage	Max 64GB	Max 64GB	Max 64GB	N/A	Micro SD/SDHC slot ,Max 64GB	N/A	Micro SD/SDHC/SDXC slot, Max 64GB
GENERAL							
Power Supply	DC12V/POE/AC24V	DC12V/POE/AC24V	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE
Operating Temperature	Starting Temperature:-30℃ ~ 60℃ (-22°F ~140°F) ; Working Temperature:-40℃ ~ 60℃ (-40°F ~ 140°F)						
Ingress Protection	IP66,IK10	N/A	IP66	IP66	IP65	IP66	IP66
Product Dimensions	Φ130×112mm	Φ130×112mm	Φ80.3×264.5mm	169 ×70×60mm	φ100×53mm	119.09×89.1mm	φ120×105.5mm
Product Weight	900g	580g	830g	500g	400g	500g	700g

High Speed Dome						
Model	4 th Generation PTZ					Starlight PTZ
	SN-IPS56/30CDR/ZSD12	SN-IPS56/10BDR/ZSA20	SN-IPS56/20BDR/ZSC22(II)	SN-IPS56/30BDR/ZSD30	SN-IPS57/30BDR/ZSD30	SN-IPS57/21BDR/ZSC30
						
CAMERA						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
Day & Night	ICR, Auto/Color/B&W	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/1-1/10000s	1/10000-1/50s	1/8000-1/6s	1/10000-1/1s	1/1-1/10000s	1/1-1/30000s
Digital Noise Reduction	2D/3D, Auto/Manual	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	SUNELL 12X Module , 4.7-56.4mm	Sunell 20X Module , 4.1-82mm	Sunell 22X Module , 4.7-103mm	Sunell 30X Module , 4.3-129mm	Sunell30X Module , 4.3-129mm	Sunell30X Module , 6-180mm
ROI/WDR/Defog	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Digital Zoom	16X	16X	16X	16X	16X	16X
IR Range	100m	100m	100m	120m	150m	150m
IMAGE						
Max.Resolution	2048x1536/25fps	1280x720/30fps	1920x1080/30fps	2048x1536/30fps	2048x1536/30fps	1920x1080/30fps
Preset/Tour/Scan/Track	300/12/12/6	300/12/12/6	400/12/12/6	400/12/12/6	400/12/12/6	400/12/12/6
3D Positioning	YES	YES	YES	YES	YES	YES
Alarm Trigger	Motion,Instrusion,Line Crossing,Tamper,Network disconnect,Disk alarm,I/O alarm	Motion,Instrusion,Line Crossing,Tamper,Network disconnect,Disk alarm,I/O alarm	Motion,Instrusion,Line Crossing,Tamper,Network disconnect,Disk alarm,I/O alarm	Motion,Instrusion,Line Crossing,Tamper,Network disconnect,Disk alarm,I/O alarm	Network disconnect, Disk alarm ,I/O alarm	Network disconnect, Disk alarm ,I/O alarm
INTERFACE						
Audio I/O	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In/Out	1ch Audio In,1ch Audio Out	1ch Audio In,1ch Audio Out
Alarm I/O	2ch Alarm In,1ch Alarm Out	7ch Alarm In,2ch Alarm Out	7ch Alarm In,2ch Alarm Out	7ch Alarm In,2ch Alarm Out	7ch Alarm In,2ch Alarm Out	7ch Alarm In,2ch Alarm Out
Edge Storage	Micro SD/SDHC/SDXC slot(Built-in),Max 64GB	Micro SD/SDHC/SDXC slot(Built-in),Max 64GB	Micro SD/SDHC/SDXC slot(Built-in),Max 64GB	Micro SD/SDHC/SDXC slot(Built-in),Max 64GB	Micro SD/SDHC/SDXC slot(Built-in),Max 128GB	Micro SD/SDHC/SDXC slot(Built-in),Max 128GB
GENERAL						
Power Supply	Standard DC12V/POE+, optional AC24V	AC24V/2.5A	AC24V/2.5A	AC24V/2.5A	AC24V/2.5A	AC24V/2.5A
Operating Temperature	Starting Temperature:-30℃ ~ 60℃ (-22°F ~ 140°F) ; Working Temperature:-40℃ ~ 60℃ (-40°F ~ 140°F)					
Protection	IP66,TVS4000V,IK10	IP66,TVS6000V	IP66,TVS6000V	IP66,TVS6000V	IP66,TVS6000V	IP66,TVS6000V
Product Dimensions	321.3x222.3x146.6mm	Φ205x332mm	Φ205x332mm	Φ205x332mm	Φ205x332mm	Φ205x332mm
Product Weight	2.1KG	4.3KG	4.3KG	4.3KG	4.3KG	4.3KG

Efficiency Series

Model	2.0 MP Camera				
	SN-IPV54/04ZDR	SN-IPR54/04AQDN	SN-IPC54/14EDN(III)	SN-IPV54/14UDR(III)	SN-IPV54/14UDN(III)
					
CAMERA					
Image Sensor	1/3" CMOS	1/3" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Day & Night	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000
Auto Iris	Fixed	Fixed	Yes	Default Fixed,Auto Iris Optional	Default Fixed,Auto Iris Optional
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	Default 3.6mm ,2.8mm optional	3.6mm,6mm optional	N/A	2.8-12mm Lens	2.8-12mm Lens
IR Range	6-10m	20-30m	N/A	15-20m	N/A
IMAGE					
Max. Resolution	1920x1080/30fps	1920x1080/30fps	1920*1080/30fps	1920x1080/30fps	1920x1080/30fps
ROI	Yes	Yes	Yes	Yes	Yes
Defog	Yes	Yes	Yes	Yes	Yes
Alarm Trigger	Motion Detection,Network disconnect,Disk alarm				
INTERFACE					
Audio I/O	1ch Audio In/Out	N/A	1ch Audio In/Out Built-in Microphone	1ch Audio In/Out	1ch Audio In/Out
Alarm I/O	N/A	N/A	1ch Alarm In/Out	1ch Alarm In/Out	1ch Alarm In/Out
Edge Storage	Max 32GB	N/A	Max 32GB	Max 32GB	Max 32GB
GENERAL					
Power Supply	DC12V/POE	DC12V/POE	AC24V/DC12V/POE	DC12V/POE	DC12V/POE
Operating Temperature	Starting Temperature:-30℃ ~ 60℃ (-22°F ~ 140°F) ; Working Temperature:-40℃ ~ 60℃ (-40°F ~ 140°F)		Starting Temperature:-10℃~50℃ (14°F~122°F) Working Temperature:-20℃~50℃ (-4°F~122°F)	Starting Temperature:-30℃ ~ 60℃ (-22°F ~ 140°F) ; Working Temperature:-40℃ ~ 60℃ (-40°F ~ 140°F)	
Ingress Protection	IP65	IP66	N/A	IP66,IK10	IP66
Product Dimensions	Φ100×53mm	169×70×60mm	142x78mmx65mm	Φ130×112mm	Φ130×112mm
Product Weight	400g	500g	390g	900g	900g

Efficiency Series

Model	2.0 MP Camera					
	SN-IPD54/14VDR(III)	SN-IPR54/14ACDN(III)	SN-IPV54/14CMDR(III)	SN-IPD54/14VDN(III)	SN-IPR54/14APDN(III)	SN-IPR54/14AKDN(III)
						
CAMERA						
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000	1/5-1/20000
Auto Iris	Default Fixed,Auto Iris Optional	Fixed	Fixed	Default Fixed,Auto Iris Optional		
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	2.8-12mm Lens	3.6mm,2.8/6mm optional	3.6mm,2.8/6mm optional	2.8-12mm Lens	2.8-12mm Lens	2.8-12mm Lens
IR Range	15-20m	10-15m	10-15m	N/A	20-25m	30-40m
IMAGE						
Max. Resolution	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps
ROI	Yes	Yes	Yes	Yes	Yes	Yes
Defog	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Trigger	Motion Detection,Network disconnect,Disk alarm,I/O alarm					
INTERFACE						
Audio I/O	1ch Audio In/Out,Built-in microphone	1ch Audio Out,Built-in microphone, optional 1ch Audio In/Out	1ch Audio Out,Built-in microphone, optional 1ch Audio In/Out	1ch Audio In/Out,Built-in microphone	Optional 1ch	1ch Audio In/Out
Alarm I/O	1ch Alarm In/Out	Optional 1ch Alarm In/Out	Optional 1ch Alarm In/Out	1ch Alarm In/Out	N/A	1ch Alarm In/Out
Edge Storage	Max 32GB	N/A	Micro SD/SDHC slot ,Max 32GB	Max 32GB	Max 32GB	Max 32GB
GENERAL						
Power Supply	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE
Operating Temperature	Starting Temperature:-30℃ ~ 60℃ (-22°F ~140°F) ; Working Temperature:-40℃ ~ 60℃ (-40°F ~ 140°F)					
Ingress Protection	N/A	IP66	IP66	N/A	IP66	IP66
Product Dimensions	Φ130×112mm	119.09×89.1mm	120.6×96.28mm	Φ130×112mm	Φ80.3×264.5mm	Φ110×377mm
Product Weight	580g	500g	700g	560g	830g	1680g

Efficiency Series

Model	2.0 MP Camera						
	SN-IPR54/04FVD(II)	SN-IPR54/04VD(II)	SN-IPR54/04ASDN(II)	SN-IPR54/04ZMDN(II)	SN-IPR54/04BGDN(II)	SN-IPV54/04AEDR(II)	SN-IPR54/04ADN(II)
							
CAMERA							
Image Sensor	1/2.7"COMS	1/2.7"COMS	1/2.7"COMS	1/2.7"COMS	1/2.7"COMS	1/2.7"COMS	1/2.7"COMS
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	1/1-1/10000	1/1-1/10000	1/1-1/10000	1/1-1/10000	1/1-1/10000	1/1-1/10000	1/1-1/10000
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Lens	3.6mm	2.8-12mm	3.6mm	2.8-12mm	2.8-12mm,3.6mm Optional	3.6mm	3.6mm
IR Range	10-15m	25-35m	10-15m	25-35m	30-40m	10-15m	10-15m
IMAGE							
Max. Resolution	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps	1920x1080/30fps
ROI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Defog	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alarm Trigger	Motion Detection,Network disconnect,Disk alarm						
INTERFACE							
Audio I/O	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GENERAL							
Power Supply	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE
Operating Temperature	Starting Temperature:-10°C~50°C (14°F~122°F) ; Working Temperature:-20°C~50°C (-4°F~122°F)						
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	Φ94×84mm	Φ119×100mm	Φ196.5×62mm	Φ228×69mm	277.8×80mm	Φ95×63mm	Φ153×64mm
Product Weight	350g	650g	360g	550g	800g	280g	280g

HDVI

Model	4.0MP AHD Camera					
	SN-IRC13/68FVD	SN-IRC13/68VD	SN-IRC13/68BUDN	SN-IRC13/68BGDN	SN-IRC13/68ACDN	SN-IRC13/68ALDN
						
CAMERA						
Image sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/25-1/50000 NTSC:1/30-1/50000					
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D	2D	2D	2D	2D	2D
Lens	3.6mm(6mm/8mm/12mm Optional)	2.8-12mm(12mm/16mm Optional)	3.6mm(2.8mm/6mm/8mm Optional)	2.8-12mm(12mm/16mm Optional)	3.6mm	2.8-12mm
FOV	85°	90°~35°	85°	90°~35°	85°	90°~35°
IR Range	15m	25-35m	15m	35-40m	15m	20-30m
OSD Joystick	Optional	Optional	Optional	Optional	Support	Support
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	2560×1440	2560×1440	2560×1440	2560×1440	2560×1440	2560×1440
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	Support	Support	Support	Support	Support	Support
HLC	Support	Support	Support	Support	Support	Support
Privacy Masking	Support	Support	Support	Support	Support	Support
Motion Detection	N/A	N/A	N/A	N/A	N/A	N/A
Video Output	1ch HD Analogue(AHD)					
GENERAL						
Power Supply	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V(AV24V Optional)
Operating Temperature	-10℃ ~ 55℃ (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	Φ94×84mm	Φ119×100mm	Φ199.4×67mm	277×80mm	Φ118.7×89mm	Φ120×105.5mm
Product Weight	360g	650g	300g	800g	300g	700g

HDVI

Model	4.0MP AHD Camera		3.0MP Hybrid Camera			
	SN-IRC13/68APDN	SN-FXP13/68UDR	SN-IRC13/67FVD(II)	SN-IRC13/67VD(II)	SN-IRC13/67BUDN(II)	SN-IRC13/67BGDN(II)
						
CAMERA						
Image sensor	1/3" CMOS	1/3" CMOS	1/3" COMS	1/3" COMS	1/3" COMS	1/3" COMS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/25-1/50000 NTSC:1/30-1/50000		PAL:1/50-1/10000 NTSC:1/60-1/10000			
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D	2D	2D	2D	2D	2D
Lens	2.8-12mm	2.8-12mm	3.6mm	2.8-12mm	3.6mm	2.8-12mm
FOV	90°~35°	90°~35°	85°	90°~35°	85°	90°~35°
IR Range	20-25m	20-25m	15m	25-35m	15m	35-40m
OSD Joystick	Support	Support	Optional	Optional	Optional	Optional
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	2560×1440	2560×1440	1920×1536	1920×1536	1920×1536	1920×1536
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	Support	Support	N/A	N/A	N/A	N/A
HLC	Support	Support	N/A	N/A	N/A	N/A
Privacy Masking	Support	Support	N/A	N/A	N/A	N/A
Motion Detection	N/A	N/A	N/A	N/A	N/A	N/A
Video Output	1ch HD Analogue(AHD)	1ch HD Analogue(AHD)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
GENERAL						
Power Supply	DC12V(AV24V Optional)	DC12V(AV24V Optional)	DC12V	DC12V	DC12V	DC12V
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	264.5×80.3	Φ130×112mm	Φ94×84mm	Φ119×100mm	Φ199.4×67mm	277×80mm
Product Weight	750g	720g	360g	650g	300g	800g

HDVI

Model	3.0MP Hybrid Camera					
	SN-IRC13/67ACDN(II)	SN-IRC13/67ALDN(II)	SN-IRC13/67APDN(II)	SN-IRC13/67UDR(II)	SN-IRC13/67FVD	SN-IRC13/67VVD
						
CAMERA						
Image sensor	1/3" COMS	1/3" COMS	1/3" COMS	1/3" COMS	1/3" COMS	1/3" COMS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/50-1/10000 NTSC:1/60-1/10000				PAL:1/25-1/50000 NTSC:1/30-1/50000	
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D	2D	2D	2D	2D	2D
Lens	3.6mm	2.8-12mm	2.8-12mm	2.8-12mm	3.6mm(6mm/8mm/12mm Optional)	2.8-12mm(12mm/16mm Optional)
FOV	85°	90°~35°	90°~35°	90°~35°	85°	90°~35°
IR Range	15m	20-30m	20-25m	20-25m	15m	25-35m
OSD Joystick	Support	Support	Support	Support	Optional	Optional
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	1920×1536	1920×1536	1920×1536	1920×1536	2048×1536	2048×1536
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	N/A	N/A	N/A	N/A	Support	Support
HLC	N/A	N/A	N/A	N/A	Support	Support
Privacy Masking	N/A	N/A	N/A	N/A	Support	Support
Motion Detection	N/A	N/A	N/A	N/A	N/A	N/A
Video Output	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	AHD/TVI/CVBS	AHD/TVI/CVBS
GENERAL						
Power Supply	DC12V	DC12V(AV24V Optional)	DC12V(AV24V Optional)	DC12V(AV24V Optional)	DC12V	DC12V
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	Φ118.7×89mm	Φ120×105.5mm	264.5×80.3	Φ130×112mm	Φ94×84mm	Φ119×100mm
Product Weight	300g	700g	750g	720g	360g	650g

HDVI

Model	3.0MP Hybrid Camera					
	SN-IRC13/67BUDN	SN-IRC13/67BGDN	SN-IRC13/67ACDN	SN-IRC13/67ALDN	SN-IRC13/67APDN	SN-IRC13/67UDR
						
CAMERA						
Image sensor	1/3" COMS	1/3" COMS	1/3" COMS	1/3" COMS	1/3" COMS	1/3" COMS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/25-1/50000 NTSC:1/30-1/50000					
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D	2D	2D	2D	2D	2D
Lens	3.6mm(2.8mm/6mm/8mm Optional)	2.8-12mm(12mm/16mm Optional)	3.6mm	2.8-12mm	2.8-12mm	2.8-12mm
FOV	85°	90°~35°	85°	90°~35°	90°~35°	90°~35°
IR Range	15m	35-40m	15m	20-30m	20-25m	20-25m
OSD Joystick	Optional	Optional	Support	Support	Support	Support
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	2048×1536	2048×1536	2048×1536	2048×1536	2048×1536	2048×1536
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	Support	Support	Support	Support	Support	Support
HLC	Support	Support	Support	Support	Support	Support
Privacy Masking	Support	Support	Support	Support	Support	Support
Motion Detection	N/A	N/A	N/A	N/A	N/A	N/A
Video Output	AHD/TVI/CVBS	AHD/TVI/CVBS	AHD/TVI/CVBS	AHD/TVI/CVBS	AHD/TVI/CVBS	AHD/TVI/CVBS
GENERAL						
Power Supply	DC12V	DC12V	DC12V	DC12V(AV24V Optional)	DC12V(AV24V Optional)	DC12V(AV24V Optional)
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	Φ199.4×67mm	277×80mm	Φ118.7×89mm	Φ120×105.5mm	264.5×80.3	Φ130×112mm
Product Weight	300g	800g	300g	700g	750g	720g

HDVI

Model	2.0MP Hybrid Camera					
	SN-IRC13/66FVD(IV)	SN-IRC13/66VD(IV)	SN-IRC13/66BUDN(IV)	SN-IRC13/66BGDN(IV)	SN-IRC13/66ACDN(IV)	SN-IRC13/66ALDN(IV)
						
CAMERA						
Image sensor	1/2.8" COMS	1/2.8" COMS	1/2.8" COMS	1/2.8" COMS	1/2.8" COMS	1/2.8" COMS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/25-1/50000 NTSC:1/30-1/50000					
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	WDR>120dB	WDR>120dB	WDR>120dB	WDR>120dB	WDR>120dB	WDR>120dB
Digital Noise Reduction	3D	3D	3D	3D	3D	3D
Lens	3.6mm(6mm/8mm Optional)	2.8-12mm(12mm/16mm ,Motorized 2.8-12mm Optional)	3.6mm(2.8mm/6mm/8mm Optional)	2.8-12mm(12mm/16mm ,Motorized 2.8-12mm Optional)	3.6mm	2.8-12mm
FOV	85°	90°~35°	85°	90°~35°	85°	90°~35°
IR Range	15m	25-35m	15m	35-40m	15m	20-30m
OSD Joystick	Optional	Optional	Optional	Optional	Support	Support
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	Support	Support	Support	Support	Support	Support
HLC	Support	Support	Support	Support	Support	Support
Privacy Masking	Support	Support	Support	Support	Support	Support
Motion Detection	Support	Support	Support	Support	Support	Support
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
GENERAL						
Power Supply	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V(AV24V Optional)
Operating Temperature	-10℃ ~ 55℃ (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	Φ94×84mm	Φ119×100mm	Φ199.4×67mm	277×80mm	Φ118.7×89mm	Φ120×105.5mm
Product Weight	360g	650g	300g	800g	300g	700g

HDVI

Model	2.0MP Hybrid Camera					
	SN-IRC13/66APDN(IV)	SN-IRC13/66UDR(IV)	SN-IRC13/66FVD(III)	SN-IRC13/66VD(III)	SN-IRC13/66BUDN(III)	SN-IRC13/66BGDN(III)
						
CAMERA						
Image sensor	1/2.8" COMS	1/2.8" COMS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/25-1/50000 NTSC:1/30-1/50000		PAL:1/50-1/50000 NTSC:1/60-1/60000			
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	WDR>120dB	WDR>120dB	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	3D	3D	2D	2D	2D	2D
Lens	2.8-12mm	2.8-12mm	3.6mm(6mm/8mm/12mm Optional)	2.8-12mm(12mm/16mm ,Motorized 2.8-12mm Optional)	3.6mm(6mm/8mm Optional)	2.8-12mm(12mm/16mm ,Motorized 2.8-12mm Optional)
FOV	90°~35°	90°~35°	85°	90°~35°	85°	90°~35°
IR Range	20-25m	20-25m	15m	25-35m	15m	35-40m
OSD Joystick	Support	Support	Optional	Optional	Optional	Optional
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	Support	Support	N/A	N/A	N/A	N/A
HLC	Support	Support	N/A	N/A	N/A	N/A
Privacy Masking	Support	Support	N/A	N/A	N/A	N/A
Motion Detection	Support	Support	N/A	N/A	N/A	N/A
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
GENERAL						
Power Supply	DC12V(AV24V Optional)	DC12V(AV24V Optional)	DC12V	DC12V	DC12V	DC12V
Operating Temperature	-10℃ ~ 55℃ (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	264.5×80.3	Φ130×112mm	Φ94×84mm	Φ119×100mm	Φ199.4×67mm	277×80mm
Product Weight	750g	720g	360g	650g	300g	800g

HDVI

Model	2.0MP Hybrid Camera					
	SN-FXP13/66AEDR(III)	SN-IRC13/66ACDN(III)	SN-IRC13/66ALDN(III)	SN-IRC13/66APDN(III)	SN-IRC13/66UDR(III)	SN-SSP13/66GDR(III)
						
CAMERA						
Image sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/50-1/50000 NTSC:1/60-1/60000					
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D	2D	2D	2D	2D	2D
Lens	3.6mm(6mm/8mm/12mm Optional)	3.6mm	2.8-12mm	2.8-12mm	2.8-12mm	2.8-8mm
FOV	85°	85°	90°~35°	90°~35°	90°~35°	90°~45°
IR Range	15m	15m	20-30m	20-25m	20-25m	10-15m
OSD Joystick	Optional	Optional	Optional	Optional	Optional	Optional
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	N/A	N/A	N/A	N/A	N/A	N/A
HLC	N/A	N/A	N/A	N/A	N/A	N/A
Privacy Masking	N/A	N/A	N/A	N/A	N/A	N/A
Motion Detection	N/A	N/A	N/A	N/A	N/A	N/A
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
GENERAL						
Power Supply	DC12V	DC12V	DC12V(AV24V Optional)	DC12V(AV24V Optional)	DC12V(AV24V Optional)	DC12V
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	Φ95×63mm	Φ118.7×89mm	Φ120×105.5mm	264.5×80.3	Φ130×112mm	Φ105×75mm
Product Weight	280g	300g	700g	750g	720g	350g

HDVI

Model	1.0MP Hybrid Camera					
	SN-IRC13/64FVD(II)	SN-IRC13/64BMDN(II)	SN-IRC13/64VD(II)	SN-FXP13/64AEDN(II)	SN-IRC13/64BNDN(II)	SN-IRC13/64ADN(II)
						
CAMERA						
Image sensor	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS
Day&Night	ICR	ICR	ICR	ICR	ICR	ICR
Shutter Speed	PAL:1/50-1/50000 NTSC:1/60-1/60000					
Auto Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR	dWDR	dWDR	dWDR	dWDR
Digital Noise Reduction	2D	2D	2D	2D	2D	2D
Lens	3.6mm	3.6mm	2.8-12mm	3.6mm	3.6mm	3.6mm
FOV	85°	85°	90°~35°	85°	85°	85°
IR Range	15m	15m	25-35m	15m	15m	15m
OSD Joystick	Optional	Optional	Optional	Optional	Optional	Optional
Up the Coax	Support	Support	Support	Support	Support	Support
IMAGE						
Effective Resolution	1280×720	1280×720	1280×720	1280×720	1280×720	1280×720
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	N/A	N/A	N/A	N/A	N/A	N/A
HLC	N/A	N/A	N/A	N/A	N/A	N/A
Privacy Masking	N/A	N/A	N/A	N/A	N/A	N/A
Motion Detection	N/A	N/A	N/A	N/A	N/A	N/A
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
GENERAL						
Power Supply	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)					
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Product Dimensions	Φ94×84mm	Φ90×70mm	Φ119×100mm	Φ95×63mm	198.6×71.4mm	Φ153×64mm
Product Weight	360g	146g	650g	280g	117g	280g

HDVI

Model	1.0MP Hybrid Camera	
	SN-IRC13/64ZSDN(II)	SN-IRC13/64ZMDN(II)
		
CAMERA		
Image sensor	1/4" CMOS	1/4" CMOS
Day&Night	ICR	ICR
Shutter Speed	PAL:1/50-1/50000 NTSC:1/60-1/60000	
Auto Iris	Fixed	Fixed
Wide Dynamic Range	dWDR	dWDR
Digital Noise Reduction	2D	2D
Lens	3.6mm	2.8-12mm
FOV	85°	90°~35°
IR Range	15m	25-35m
OSD Joystick	Optional	Optional
Up the Coax	Support	Support
IMAGE		
Effective Resolution	1280×720	1280×720
Frame	PAL:25fps ,NTSC:30fps	PAL:25fps ,NTSC:30fps
Mirror	N/A	N/A
HLC	N/A	N/A
Privacy Masking	N/A	N/A
Motion Detection	N/A	N/A
Video Output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
GENERAL		
Power Supply	DC12V	DC12V
Operating Temperature	-10℃ ~50℃ (14°F ~122°F)	-10℃ ~50℃ (14°F ~122°F)
Ingress Protection	IP66	IP66
Product Dimensions	Φ176×60mm	Φ228×69mm
Product Weight	300g	520g

Model	2.0MP HD Analogue PTZ	
	SN-SSP13/66CDR/ZX10	SN-HSP13/66HDR
		
CAMERA		
sensor	1/2.9"Sony CMOS	1/2.9"Sony CMOS
Day&Night	ICR	ICR
Digital Noise Reduction	2D/3D	2D/3D
Lens	10X Optical Zoom,f=5.1mm~51mm	20X Optical Zoom,f=4.7mm~94mm(Optical Zoom 30X optional)
FOV	Appr.55.2°(Wide) to 8.2°(Tele)	Appr.58.7°(Wide) to 3.2°(Tele)
IR Range	60m	150m
OSD	Support	Support
Alarm I/O	Optional(4 in 1 out)	Optional(4 in 1 out)
IMAGE		
Resolution	1920x1080	1920x1080
BLC	Support	Support
HLC	Support	Support
Wide Dynamic Range	dWDR	dWDR
Motion Detection	N/A	N/A
Mirror	Support	Support
PTZ		
Rotation	Pan continuously 360°,tilt 0~90°with auto-flip	Pan continuously 360°,tilt 0~90°with auto-flip
Speed Proprtion	As the length of focus, to auto-adjust the speed	As the length of focus, to auto-adjust the speed
Presrt	128 preset	128 preset
Scan	4 scan	4 scan
Pattern	4 patterns	4 patterns
Tour	4 tour	4 tour
GENERAL		
Power Supply	DC12V	DC24V
Operating Temperature	-10℃ ~ 55℃ (14°F ~ 131°F)/ -30 ℃~60 ℃ (-22 °F~140 °F) with heater	
Ingress Protection	IP66	IP66
Product Dimensions	321.3×222.3×146.6mm	Φ226x.336.5mm
Product Weight	2.3Kg	6.9Kg

HDVI

Model	1080P Hybrid DVR			
	SN-ADR22/04HB/E1(II)	SN-ADR22/08HB/E1(II)	SN-ADR22/08HB/E2(II)	SN-ADR22/16HB/E2(II)
				
VIDEO				
Video Compression	H.264 High Profile	H.264 High Profile	H.264 High Profile	H.264 High Profile
Encode Ability	4ch*1080P@15fps	8ch*1080P@15fps,8ch*720P@25fps	8ch*1080P@15fps,8ch*720P@25fps	16ch*1080P@15fps,16ch*720P@25fps
Decode Ability	4ch*1080P@15fps	8ch*1080P@15fps,8ch*720P@25fps	8ch*1080P@15fps,8ch*720P@25fps	16ch*1080P@15fps,16ch*720P@25fps
Video Input	Pure Analog:4ch*1080P Mixed Input: 2ch*1080P(AHD)+2ch*1080P(TVI) ,2ch*1080P(AHD)+2ch*1080P(Network), 2ch*1080P(TVI)+2ch*1080P(Network) Pure Network: 4ch*1080P/4ch*960P/4ch*720P	Pure Analog:8ch*1080P Mixed Input: 4ch*1080P(AHD)+4ch*1080P(TVI),4ch*1080P(AHD)+4ch*1080P(Network), 4ch*1080P(TVI)+4ch*1080P(Network) Pure Network: 8ch*1080P/8ch*960P/8ch*720P		Pure Analog: 16ch*1080P Mixed Input: 8ch*1080P(AHD)+8ch*1080P(TVI) ,8ch*1080P(AHD)+8ch*1080P(Network), 8ch*1080P(TVI)+8ch*1080P(Network) Pure Network:16ch*1080P/16ch*960P/16ch*720P
AUDIO				
Audio Compression	G711A	G711A	G711A	G711A
Two Way Audio	Yes	Yes	Yes	Yes
RECORD AND PLAYBACK				
Hard Drive	1 SATA(Each maximum support 6T)	1 SATA(Each maximum support 6T)	1 SATA(Each maximum support 6T)	2 SATA(Each maximum support 6T)
Record	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer
Playback	4ch(pure local input mode)	4ch(pure local input mode)	4ch(pure local input mode)	16ch(pure local input mode)
INTERFACE				
Video BNC Input	4ch BNC(AHD/TVI/CVBS)	8ch BNC(AHD/TVI/CVBS)	8ch BNC(AHD/TVI/CVBS)	16ch BNC(AHD/TVI/CVBS)
Output	1ch VGA,1ch HDMI	1ch VGA,1ch HDMI	1ch VGA,1ch HDMI	1ch VGA,1ch HDMI
Audio	RCA,4ch input,1ch output	RCA,4ch input,1ch output	RCA,8ch input,1ch output	RCA,6ch input,1ch output
Alarm	N/A	N/A	4ch input,1ch output	4ch input,1ch output
Network	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
USB	2 USB	2 USB	2 USB	2 USB
GENERAL				
Power	DC12V/2A	DC12V/2A	DC12V/4A	DC12V/4A
Size	255mmx255mmx45mm	255mmx255mmx45mm	350mmx295mmx45mm	350mmx295mmx45mm

Model	1080N Hybrid DVR			
	SN-ADR21/04HB/E1(II)	SN-ADR21/08HB/E1(II)	SN-ADR21/08HB/E2(II)	SN-ADR21/16HB/E2(II)
				
VIDEO				
Video Compression	H.264 High Profile	H.264 High Profile	H.264 High Profile	H.264 High Profile
Encode Ability	4ch*1080N@15fps	8ch*1080N@15fps	8ch*1080N@15fps	16ch*1080N@15fps
Decode Ability	4ch*1080N@15fps	8ch*1080N@15fps	8ch*1080N@15fps	16ch*1080N@15fps
Video Input	Pure Analog: 4ch*720P, Support 4ch*1080P Mixed: 2ch*AHD(720P)+2ch*TVI(720P), 2ch*AHD(1080P)+2ch*IPC(720P), Support 2ch*AHD(1080P)+2ch*TVI(1080P), Support 2ch*AHD(1080P)+2ch*IPC(1080P) Pure Network: 4ch*720P, Support 4ch*1080P	Pure Analog: 8ch*720P, Support 8ch*1080P Mixed: 4ch*AHD(720P)+4ch*TVI (720P),4ch*AHD(1080P)+4ch*IPC(720P), Support 4ch*AHD(1080P)+4ch*TVI (1080P), Support 4ch*AHD(1080P)+4ch*IPC(1080P) Pure Network: 8ch*720P, Support 8ch*1080P		Pure Analog:16ch*720P, Support 16ch*1080P Mixed: 8ch*AHD(720P)+8ch*TVI (720P), 8ch*AHD(1080P)+8ch*IPC(720P), Support 8ch*AHD(1080P)+8ch*TVI (1080P), Support 8ch*AHD(1080P)+8ch*IPC(1080P) Pure Network: 16ch*720P, Support 16ch*1080P
AUDIO				
Audio Compression	G711A	G711A	G711A	G711A
Two Way Audio	Yes	Yes	Yes	Yes
RECORD AND PLAYBACK				
Hard Drive	1 SATA(Each maximum support 6T)	1 SATA(Each maximum support 6T)	1 SATA(Each maximum support 6T)	2 SATA(Each maximum support 6T)
Record	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer	Manual/Event/Timer
Playback	4ch(pure local input mode)	4ch(pure local input mode)	4ch(pure local input mode)	16ch(pure local input mode)
INTERFACE				
Video BNC Input	4ch BNC(AHD/TVI/CVBS)	8ch BNC(AHD/TVI/CVBS)	8ch BNC(AHD/TVI/CVBS)	16ch BNC(AHD/TVI/CVBS)
Output	1ch VGA,1ch HDMI	1ch VGA,1ch HDMI	1ch VGA,1ch HDMI	1ch VGA,1ch HDMI
Audio	RCA,4ch input,1ch output	RCA,4ch input,1ch output	RCA,8ch input,1ch output	RCA,6ch input,1ch output
Alarm	N/A	N/A	4ch input,1ch output	4ch input,1ch output
Network	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
USB	2 USB	2 USB	2 USB	2 USB
GENERAL				
Power	DC12V/2A	DC12V/2A	DC12V/4A	DC12V/4A
Size	255mmx255mmx45mm	255mmx255mmx45mm	350mmx295mmx45mm	350mmx295mmx45mm

Model	Temperature Detection Thermal		
	SN-TPC4200AT(II)	SN-TPC4200KT(II)	SN-TPT4200ZM(II)
			
CAMERA			
Detector Type	Long-Life,Uncooled IRFPA Microbolometer		
Effective Resolution	396×264	396×264	396×264
Temperature Detection	Yes(Max Support up to 8 area,Temperature Measurement Accuracy<±2℃)		
Thermal Lens	F1.0 8/15/25/35/50mm ; Motorized 8/25/50/75/100/150mm Optional	F1.0 8/15/25/35/50mm Optional	F1.0 8/15/25/35/50mm ; Motorized 8/25/50mm Optional
Focus	Manual/Motorized	Manual	Manual/Motorized
Fixed Lens Recognize Distance(Body)	100/200/300/450/650m	100/200/300/450/650m	100/200/300/450/650m
Fixed Lens Recognize Distance(Vehicle)	200/350/600/850/1200m	200/350/600/850/1200m	200/350/600/850/1200m
Motorized Lens Recognition Distance (Body)	100/300/650/800/1000/1500m	N/A	100/300/650m
Motorized Lens Recognition Distance (Vehicle)	200/600/1200/1500/2000/2500m	N/A	200/600/1200m
Temperature Measurement Function	In the heat setting temperature measuring points in the image or temperature area, temperature detection and display: point temperature measurement, regional temperature measuring, full screen, temperature measurement		
Alarm Temperature Detection	Over temperature alarm, temperature alarm and alarm temperature change trend		
IMAGE			
Max.Resolution	D1/30fps	D1/30fps	D1/30fps
Stream	D1 ,CIF	D1 ,CIF	D1 ,CIF
Polarity Control/ LUT	White Hot / Black Hot / Rainbow / Ironbow (up to 17 define optional)		
Alarm Trigger	Temperature Alarm,Motion Detection,Network disconnect,Disk alarm,I/O alarm		
INTERFACE			
Audio I/O	1ch Audio In,1ch Audio Out		Optional
Alarm I/O	Optional	2ch Alarm In,2ch Alarm Out	Optional
Edge Storage	Micro SD/SDHC slot ,Max 32GB		
GENERAL			
Power Supply	DC12V	DC12V/POE	AC24V, DC18-DC36V (optional)
Operating Temperature	-10 ℃ ~ 55 ℃ (14 ℉ ~ 131 ℉)		-25 ℃ ~ 55 ℃ (-13 ℉ ~ 131 ℉)
Product Dimensions	72×70×189mm	Φ110×388mm	345 x 202 x 445mm
Product Weight	700g	1900g	10Kg

Dual Vision Thermal

Model	Dual Vision Temperature Detection Thermal				
	SN-TPT4230LM(II)	SN-TPT4230ZM(II)	SN-TPT4230HF(II)	SN-TPT4230ST(II)	SN-TPT4230MM(II)
					
CAMERA					
Detector Type	Long-Life,Uncooled IRFPA Microbolometer				
Effective Resolution	396×264	396×264	396×264	396×264	396×264
Temperature Detection	Yes(Max Support up to 8 area,Temperature Measurement Accuracy<±2℃)				
Thermal Lens	F1.0 8/15/25/35/50mm ; Motorized 8/25/50 mm Optional	F1.0 8/15/25/35/50mm ; Motorized 8/25/50mm Optional	Motorized 100mm	F1.0 8/15/25/50mm Motorized 8/25/50mm Optional	Motorized 75mm/100mm Optional
Vision Lens	30X Optical Zoom	30X Optical Zoom	Optional 10-320mm (C/CS Mount)	3.3~10.5mm/7~22mm AUTO IRIS Optional	40X Optical Zoom
Focus	Manual/Motorized/Auto	Manual/Motorized/Auto	Manual/Motorized	Manual/Motorized	Motorized/Auto
Fixed Lens Recognize Distance(Body)	100/200/300/450/650m	100/200/300/450/650m	Optional	100/200/300/650m	N/A
Fixed Lens Recognize Distance(Vehicle)	200/350/600/850/1200m	200/350/600/850/1200m	Optional	200/350/600/1200m	N/A
Motorized Lens Recognition Distance (Body)	100/300/650m	100/300/650m	1000m	100/300/650m	800m/1000m
Motorized Lens Recognition Distance (Vehicle)	200/600/1200m	200/600/1200m	2000m	200/600/1200m	1500m/2000m
Temperature Measurement Function	In the heat setting temperature measuring points in the image or temperature area, temperature detection and display: point temperature measurement, regional temperature measuring, full screen, temperature measurement				
Alarm Temperature Detection	Over temperature alarm, temperature alarm and alarm temperature change trend				
IMAGE					
Thermal / Vision Resolution	Thermal : D1/30fps ; Vision : 1080P/30fps		Thermal : D1/30fps ; Vision : 1080P/30fps		
Stream	D1 ,CIF ;1080P	D1 ,CIF ;1080P	D1 ,CIF ;1080P	D1 ,CIF ;1080P	D1 ,CIF ;1080P
Polarity Control/ LUT	White Hot / Black Hot / Rainbow / Ironbow (up to 17 define optional)				
Alarm Trigger	Temperature Alarm,Motion Detection,Network disconnect,Disk alarm,I/O alarm				
INTERFACE					
Audio I/O	Optional	Optional	Optional	Optional	Optional
Alarm I/O	Optional	Optional	Optional	Optional	Optional
Edge Storage	Micro SD/SDHC slot ,Max 32GB	Micro SD/SDHC slot ,Max 32GB	Micro SD/SDHC slot ,Max 32GB	Micro SD/SDHC slot ,Max 32GB	Micro SD/SDHC slot ,Max 32GB
GENERAL					
Power Supply	AC24V, DC9-DC36V (optional)	AC24V, DC18-DC36V (optional)	AC24V, DC18-DC36V (optional)	DC12V	AC24V ±10%
Operating Temperature	-25℃ ~ 55℃ (-13℉ ~ 131 ℉)	-25℃ ~ 55℃ (-13℉ ~ 131 ℉)	-25℃ ~ 55℃ (-13 ℉ ~ 131 ℉)	-25℃ ~ 55℃ (-13 ℉ ~ 131 ℉)	-25℃ ~ 55℃ (-13 ℉ ~ 131 ℉)
Product Dimensions	375 x 210 x 246mm	492 x 260 x 477mm	760 x 335 x 573mm	463 x 188 x 120mm	463 x 310 x 303.6mm
Product Weight	10kg	12kg	50kg	5Kg	22Kg

Dual Vision Thermal

Model	Body Temp-D Thermal SN-TPH4230SA(II)
	
CAMERA	
Detector Type	Long-Life,Uncooled IRFPA Microbolometer
Effective Resolution	396×264
Temperature Detection	Yes,Face detection for temp-detection Temperature Sensitivity<0.3℃
Temperature Sensitivity	≤0.3℃
Thermal Lens	8mm,15mm Optional
Vision Lens	3.3-10.5mm
Focus	Manual
Recognize Distance(Vehicle)	60/150m
Recognize Distance(Body)	120/200m
Temperature Measurement Function	In the heat setting temperature measuring points in the image and so on
Alarm Temperature Detection	Over temperature alarm, temperature alarm and alarm temperature change trend
IMAGE	
Thermal Resolution	D1/30fps
Vision Resolution	1080P/30fps
Stream	D1 ,CIF ;1080P
DVE Image Enhance	Yes ,Level 0 -6
Alarm Trigger	Temperature Alarm, Motion Detection, Network disconnect,Disk alarm,I/O alarm
INTERFACE	
Audio I/O	1ch Audio In,1ch Audio Out
Alarm I/O	1ch Alarm In,1ch Alarm Out
Edge Storage	Micro SD/SDHC slot ,Max 32GB
GENERAL	
Power Supply	DC12V
Operating Temperature	-10℃ ~ 55℃ (14℉ ~ 131℉)
Product Dimensions	463x188x120mm
Product Weight	8Kg

H.265 NVR

Model	POE NVR	
	32Channel 2HDD NVR SN-NVR10/02E3/032NSHP8	32 Channel 4HDD NVR SN-NVR10/04E3/032NSHP16
		
VIDEO/AUDIO INPUT		
Video Input	32ch h.265/h.264 8MP/6MP/5MP/4MP/3MP/1080P/720P	32ch h.265/h.264 8MP/6MP/5MP/4MP/3MP/1080P/720P
Incoming Bandwidth	256Mbps ,(main stream 192Mbps ,sub stream 64Mbps)	256Mbps,(main stream 192Mbps ,sub stream 64Mbps)
Outgoing Bandwidth	Total 256Mbps	Total 256Mbps
Audio Input	1ch,Line in	
VIDEO/AUDIO OUTPUT		
Frame Rate	8MP/6MP/5MP/4MP/3MP/1080P/720P@25fps(PAL),30fps(NTSC)	
Live View/Playback/Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/D1/VGA/CIF/QCIF	
Live View/Playback Capacity	Live View 32ch 720P/16ch 1080P/8ch 4MP/4ch 8MP, Playback: 4ch 8MP/6MP/5MP/4MP/3MP/1080P/720P	
HDMI/VGA Output	HDMI 3840x2160/60Hz,1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz VGA 1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz	
Audio Output	1ch,Line out	
HARDDISK		
SATA HDD	2 HDD Slot; Up to 8TB for each disk	4 HDD Slot;Up to 8TB for each disk
NETWORK		
Network Interface	1 RJ45 10M/100M/1000M	
Protocol	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP	
POE Interface	8ch 100Mbps,IEEE802.3af/802.3at	16ch 100Mbps,IEEE802.3af/802.3at
POE Max Power	120W	140W
INTERFACE		
HDMI/VGA	1ch HDMI,1ch VGA	
USB	USB 2.0 x2,USB 3.0 x1	
Audio I/O	1ch MIC in,1ch audio line out	
Alarm I/O	2ch Alarm input,2ch Alarm output	
GENERAL		
Power Supply	AC110/220V	AC110/220V
Operating Temperature	-10℃ ~ 45℃ (14°F ~ 113°F)	
OPerating Humidity	0% - 90% RH	0%-90% RH
Chassis	1U	1.5U
Product Dimensions	372x311x44.5mm	440x376x67mm
Product Weight(no disk)	2.6kg (No disk)	4.4kg

H.265 NVR

Model	None POE NVR		
	32 Channel 2HDD NVR SN-NVR10/02E3/032NSH	32 Channel 4HDD NVR SN-NVR10/04E3/032NSH	32 Channel 8HDD NVR SN-NVR10/08E3/032NSH
			
VIDEO/AUDIO INPUT			
Video Input	32ch h.265/h.264 8MP/6MP/5MP/4MP/3MP/1080P/720P		
Incoming Bandwidth	256Mbps,(main stream 192Mbps ,substream 64Mbps)		
Outgoing Bandwidth	Total 256Mbps		
Audio Input	1ch,Line in		
VIDEO/AUDIO OUTPUT			
Frame Rate	8MP/6MP/5MP/4MP/3MP/1080P/720P@25fps(PAL),30fps(NTSC)		
Live View/Playback/Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/D1/VGA/CIF/QCIF		
Live View/Playback Capacity	Live View 32ch 720p/16ch 1080p/8ch 4MP/4ch 8MP Playback 4ch 8MP/6MP/5MP/4MP/3MP/1080P/720P		
HDMI/VGA Output	HDMI 3840x2160/60Hz,1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz 4x768/60Hz VGA 1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz	HDMI1:1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz HDMI2: 3840x2160/60Hz,1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz VGA:1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz	
Audio Output	1ch,Line out		
HARDDISK			
SATA HDD	2 HDD Slot;Up to 8TB for each disk	4 HDD Slot;Up to 8TB for each disk	8 HDD Slot;Up to 8TB for each disk
NETWORK			
Network Interface	2 RJ45 10M/100M/1000M		
Protocol	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP		
POE Interface	N/A	N/A	N/A
POE Max Power	N/A	N/A	N/A
INTERFACE			
HDMI/VGA	1ch HDMI,1ch VGA	2ch HDMI,1ch VGA	
USB	USB 2.0 x2,USB 3.0 x1		
Audio I/O	1ch MIC in,1ch audio line out		
Alarm I/O	2ch Alarm input,2ch Alarm output	16ch Alarm input,4ch Alarm output	
GENERAL			
Power Supply	DC12V	AC110/220V	AC110/220V
Operating Temperature	-10 °C ~ 45 °C (14 °F ~ 113 °F)	-10 °C ~ 45 °C (14 °F ~ 113 °F)	-10 °C ~ 45 °C (14 °F ~ 113 °F)
OPerating Humidity	0%-90% RH	0%-90% RH	0%-90% RH
Chassis	1U	1.5U	2U
Product Dimensions	372x311x44.5mm	440x376x67mm	440x435x89.8mm
Product Weight(no disk)	1.9kg	4.2kg	7.2kg

Full Range NVR

Model	POE NVR		
	4 Channel 1HDD Soho NVR SN-NVR10/01E4/004NSEP4(II)	4 Channel 1HDD NVR SN-NVR10/01E3/004NSEP4	8 Channel 1HDD NVR SN-NVR10/01E3/008NSEP8
			
VIDEO/AUDIO INPUT			
Video Input	4ch 1080P/720P	4ch 6MP/5MP/4MP/3MP/1080P/ 720P	8ch 6MP/5MP/4MP/3MP/1080P/ 720P
Incoming Bandwidth	40Mbps ,(main stream 32Mbps, sub stream 8Mbps)	40Mbps ,(main stream 32Mbps ,sub stream 8Mbps)	80Mbps ,(main stream 64Mbps ,sub stream 16Mbps)
Outgoing Bandwidth	Total 80Mbps	Total 80Mbps	Total 80Mbps
Audio Input	G711_A/G711_U	G711_A/G711_U	G711_A/G711_U
VIDEO/AUDIO OUTPUT			
Frame Rate	25fps(PAL);30fps(NTSC)	25fps(PAL);30fps(NTSC)	6MP/5MP/3MP@15fps; 1080P@25fps(PAL),30fps(NTSC)
Live View/Playback/Recording Resolution	1080P/960P/720P/D1/VGA/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/ 960P/ 720P/D1/VGA/CIF/QCIF	
Live View/Playback Capacity	Live View 4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP	Live View 4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP	Live View 8ch D1/4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP
HDMI/VGA Output	1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz	1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz	1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz
Audio Output	1ch,Line out	N/A	1ch,Line out
HARDDISK			
SATA HDD	1 HDD Slot; Up to 6TB for each disk	1 HDD Slot; Up to 6TB for each disk	1 HDD Slot; Up to 6TB for each disk
NETWORK			
Network Interface	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
Protocol	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP
POE Interface	4ch 100Mbps ,IEEE802.3af	4ch 100Mbps ,IEEE802.3af	8ch 100Mbps ,IEEE802.3af
POE Max Power	36W	36W	120W
INTERFACE			
HDMI/VGA	1ch HDMI, 1ch VGA	1ch HDMI, 1ch VGA	1ch HDMI, 1ch VGA
USB	USB 2.0 x2	USB 2.0 x2	USB 2.0 x2
Audio I/O	1ch MIC in,1ch audio line out	N/A	1ch MIC in,1ch audio line out
Alarm I/O	1ch Alarm output, 1ch Alarm input	N/A	N/A
GENERAL			
Power Supply	DC 48V –DC52V,Max 70W	DC 48V –DC52V,Max 70W	AC110/220V Max 180W
Power Consumption	Max 10W(without HDD,USB,POE)	Max 10W(without HDD,USB,POE)	Max 10W(without HDD,USB,POE)
Operating Temperature	-10 °C ~ 45 °C (14 °F ~ 113 °F)	-10 °C ~ 45 °C (14 °F ~ 113 °F)	-10 °C ~ 45 °C (14 °F ~ 113 °F)
Operating Humidity	0% - 90% RH	0% - 90% RH	0% - 90% RH
Chassis	Mini BOX	Smart 1U	Mini 1U
Product Dimensions	260x175x50mm	255x235x47.5mm	372x311x44.5mm
Product Weight	700g	930g	2.8kg

Full Range NVR

Model	POE NVR		
	4 Channel 2HDD NVR	8 Channel 2HDD NVR	16 Channel 4HDD NVR
	SN-NVR10/02E3/004NSEP4	SN-NVR10/02E3/008NSEP8	SN-NVR10/04E3/016NSEP16
			
VIDEO/AUDIO INPUT			
Video Input	4ch 6MP/5MP/4MP/3MP/1080P/ 720P	8ch 6MP/5MP/4MP/3MP/1080P/ 720P	16ch 6MP/5MP/4MP/3MP/1080P/ 720P
Incoming Bandwidth	40Mbps ,(main stream 32Mbps, sub stream 8Mbps)	80Mbps ,(main stream 64Mbps, sub stream 16Mbps)	160Mbps ,(main stream 128Mbps ,sub stream 32Mbps)
Outgoing Bandwidth	Total 128Mbps	Total 128Mbps	Total 128Mbps
Audio Input	G711_A/G711_U	G711_A/G711_U	G711_A/G711_U
VIDEO/AUDIO OUTPUT			
Frame Rate	6MP/5MP/3MP@15fps; 1080P@25fps(PAL),30fps(NTSC)	6MP/5MP/3MP@15fps; 1080P@25fps(PAL),30fps(NTSC)	6MP/5MP/3MP@15fps; 1080P@25fps(PAL),30fps(NTSC)
Live View/Playback/Recording Resolution	6MP/5MP/4MP/3MP/1080P/ 960P/ 720P/D1/VGA/CIF/QCIF		
Live View/Playback Capacity	Live View 4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP	Live View 8ch D1/4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP	Live View 16ch D1/4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP
HDMI/VGA Output	1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz	1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz	1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz
Audio Output	1ch,Line out	1ch,Line out	1ch,Line out
HARDDISK			
SATA HDD	2 HDD Slot; Up to 6TB for each disk	2 HDD Slot; Up to 6TB for each disk	4 HDD Slot; Up to 6TB for each disk
NETWORK			
Network Interface	1 RJ45 10M/100M/1000M	1 RJ45 10M/100M/1000M	1 RJ45 10M/100M/1000M
Protocol	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP
POE Interface	4ch 100Mbps ,IEEE802.3af	8ch 100Mbps ,IEEE802.3af	16ch 100Mbps ,IEEE802.3af
POE Max Power	36W	120W	160W
INTERFACE			
HDMI/VGA	1ch HDMI, 1ch VGA	1ch HDMI, 1ch VGA	1ch HDMI, 1ch VGA
USB	USB 2.0 x2	USB 2.0 x2	USB 2.0 x2
Audio I/O	1ch MIC in,1ch audio line out	1ch MIC in,1ch audio line out	1ch MIC in,1ch audio line out
Alarm I/O	2ch Alarm output, 2ch Alarm input	2ch Alarm output, 2ch Alarm input	2ch Alarm output, 2ch Alarm input
GENERAL			
Power Supply	DC 48V –DC52V,Max 70W	AC110/220V Max 180W	AC110/220V,47-63Hz ,Max 300W
Power Consumption	Max 10W(without HDD,USB,POE)	Max 10W(without HDD,USB,POE)	Max 15W(without HDD,USB,POE)
Operating Temperature	-10 °C ~ 45 °C (14 °F ~ 113 °F)	-10 °C ~ 45 °C (14 °F ~ 113 °F)	-10 °C ~ 45 °C (14 °F ~ 113 °F)
Operating Humidity	0% - 90% RH	0% - 90% RH	0% - 90% RH
Chassis	Mini 1U	Mini 1U	1.5U
Product Dimensions	372x311x44.5mm	372x311x44.5mm	440x376x67mm
Product Weight	2.8kg	2.8kg	4kg

Full Range NVR

Model	None POE NVR				
	4 Channel 1HDD NVR	8 Channel 1HDD NVR	16 Channel 1HDD NVR	16 Channel 2HDD NVR	16 Channel 4HDD NVR
	SN-NVR10/01E3/004NSE	SN-NVR10/01E3/008NSE	SN-NVR10/01E3/016NSE	SN-NVR10/02E3/016NSE	SN-NVR10/04E3/016NSE
					
VIDEO/AUDIO INPUT					
Video Input	4ch6MP/5MP/4MP/3MP/1080P/720P		8ch 6MP/5MP/4MP/3MP/1080P/720P		
Incoming Bandwidth	40Mbps ,(main stream 32Mbps ,sub stream 8Mbps)		80Mbps ,(main stream 64Mbps ,sub stream 16Mbps)		
Outgoing Bandwidth	Total 80Mbps		Total 80Mbps		Total 128Mbps
Audio Input	G711_A/G711_U		G711_A/G711_U		G711_A/G711_U
VIDEO/AUDIO OUTPUT					
Frame Rate	6MP/5MP/3MP@15fps; 1080P@25fps(PAL),30fps(NTSC)				
Live View/Playback/Recording Resolution	6MP/5MP/4MP/3MP/1080P/960P/720P/D1/VGA/CIF/QCIF				
Live View/Playback Capacity	Live View 4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP		Live View 8ch D1/4ch 1080P/1ch 6MP, Playback 4ch 1080P/1ch 6MP		
HDMI/VGA Output	1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz				
Audio Output	N/A		1ch,Line out		1ch,Line out
HARDDISK					
SATA HDD	1 HDD Slot; Up to 6TB for each disk		1 HDD Slot; Up to 6TB for each disk		1 HDD Slot; Up to 6TB for each disk
NETWORK					
Network Interface	1 RJ45 10M/100M		1 RJ45 10M/100M/1000M		2 RJ45 10M/100M /1000M
Protocol	RTP/RTCP,TCP/UDP,HTTP,DHCP,DNS,NTP				
POE Interface	N/A		N/A		N/A
POE Max Power	N/A		N/A		N/A
INTERFACE					
HDMI/VGA	1ch HDMI, 1ch VGA		1ch HDMI, 1ch VGA		1ch HDMI, 1ch VGA
USB	USB 2.0 x2		USB 2.0 x2		USB 2.0 x2, USB 3.0 x1
Audio I/O	N/A		1ch MIC in,1ch audio line out		1ch MIC in,1ch audio line out
Alarm I/O	N/A		N/A		2ch Alarm output, 2ch Alarm input
GENERAL					
Power Supply	DC 12V ,Max 24W		DC 12V ,Max 24W		DC 12V,Max 36W
Power Consumption	Max 10W(without HDD,USB)		Max 10W(without HDD,USB)		Max 15W(without HDD,USB)
Operating Temperature	-10 °C ~ 45 °C (14 °F ~ 113 °F)		-10 °C ~ 45 °C (14 °F ~ 113 °F)		-10 °C ~ 45 °C (14 °F ~ 113 °F)
Operating Humidity	0% - 90% RH		0% - 90% RH		0% - 90% RH
Chassis	Smart 1U		Smart 1U		Mini 1U
Product Dimensions	255x235x47.5mm		255x235x47.5mm		372x311x44.5mm
Product Weight	870g		870g		2.3kg

IMS1.5

Overview

IMS(Inview Management Station)1.5 video surveillance management system is integrated video surveillance and alarm services and mainly for simple structure project system .It includes device management and configuration, real-time monitoring and control, video research and playback, alarm management, provide one-stop solution for front-to-store. Easy installation,easy operation to fulfill the centralized management of security surveillance.

The IMS1.5 can support IP camera,NVR and DVR accessing,the system uses All-IN-One architecture, easily installation, powerful access capabilities, support 1.3MP to 8MP high-definition camera for various of enterprise security monitoring system. It could be widely used in factories, supermarkets, villas, car parks, intelligent buildingsand other industries.

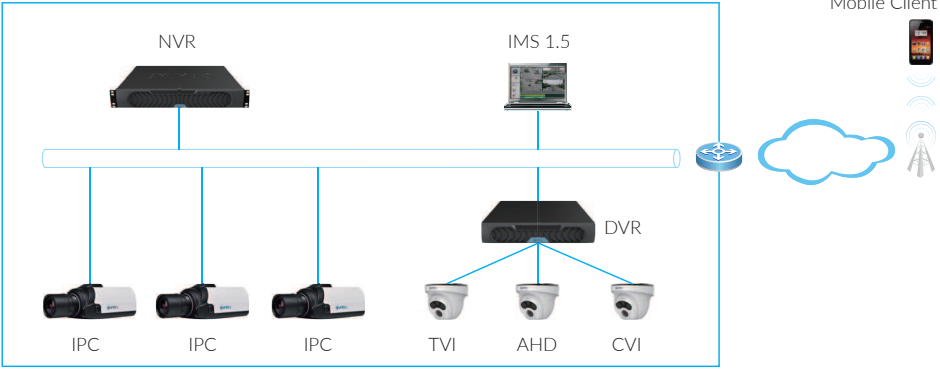
Features

- 64-channel live video monitoring,multi-image tour, multi-screen display
- Support 16-channel synchronous playback
- Support PTZ control, preset, scan, tour, track
- Support local recording, backup
- Support intelligent alarm event management
- Supports 21 languages

Extend Features

- Fisheye De-warp
- Add Device by P2P mode
- Batch configure device parameters
- Tow-way aduio,audio broadcasting
- SD card playback

Structure



User Interface



IMS2.0

Overview

IMS(Inview Management Station)2.0is the advance version of IMS v1.5 for video surveillance management system.And it can manager the sunell GSR(Gateway Server),so the IMS 2.0 is able to manager the sub system that connecting by Gateway .IMS2.0 provides the extensiblesystem,stream transfer and more safe network system.

The IMS2.0 can support IP camera,GSR,NVR and DVR accessing,the system uses All-IN-One architecture, easily installation, powerful access capabilities, support 1.3MP to 8MP high-definition camera for various of enterprise security monitoring system. It could be widely used in factories, supermarkets, villas, car parks, intelligent buildingsand other industries.

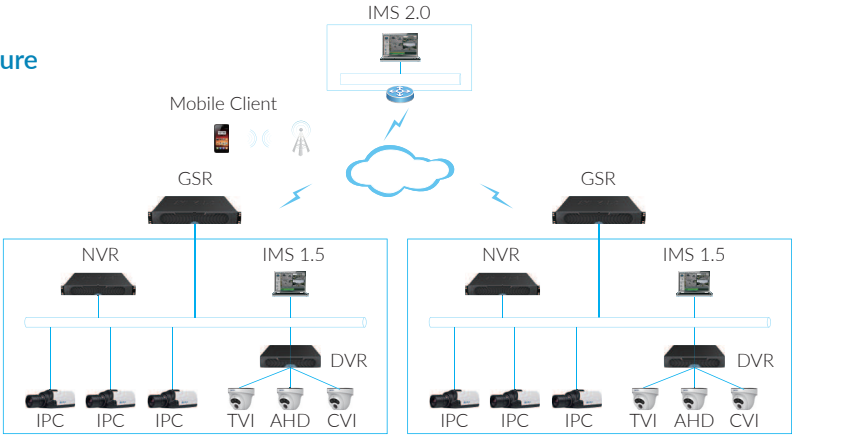
Features

- 64-channel live video monitoring,multi-image tour, multi-screen display
- Support 16-channel synchronous playback
- Support local configuration, remote real-time management
- Support Gateway Server management
- Gateway Server supports P2P services and transcoding
- Support PTZ control, preset, scan, tour, track
- Support local recording, backup
- Support intelligent alarm event management
- Support 21 languages

Extend Features

- Fisheye De-warp
- Add Device by P2P mode
- Batch configure device parameters
- Tow-way aduio/ audio broadcasting
- SD card playback

Structure



User Interface



PDF Compressor Free Version

Inview2.5

Overview

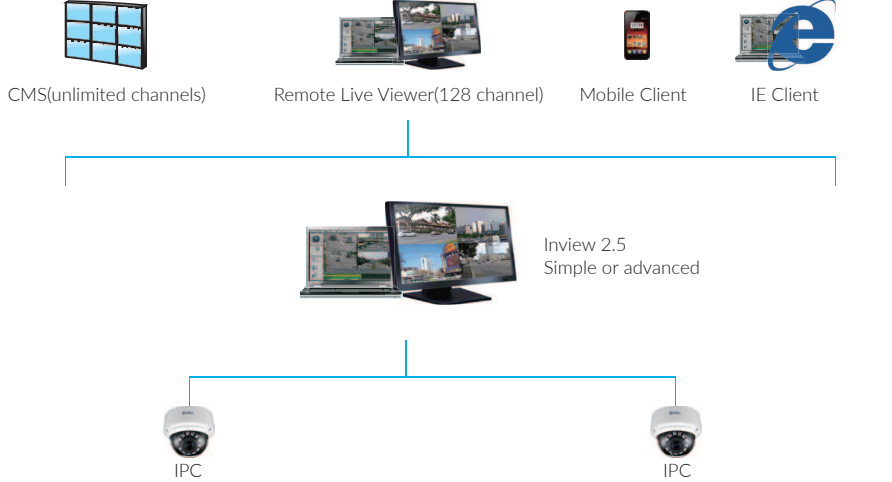
Inview2.5 Smart security management system integrated video surveillance and alarm services that for government,business,civilsystem needed, It can achieve video surveillance, mobile surveillance, intelligent video analysis surveillance and more solutions. It integrated access control systems, alarm systems, POS system to provide customized product solutions for users.

Inview 2.5 System based on a simple and convenient design concept, give full consideration to user for installation, configuration and application requirements, it adopts embedded and industrial design ideas, multiple modauls can be freely combined, flexible configuration to meet all kinds of security video surveillance systems. It could be widely used infinance, telecommunications, justice, traffic, transportation, education, electricity, military, enterprise groups, intelligent buildings, and other industries.

Features

- Camera Multi-stream in live view, playback
- Flexible Recycle Mechanism
- Dual Password Validation
- Mobile Client
- Auto Backup & Auto-Load Balance
- Duplicate Camera
- Fisheye De-warp
- Multiple motion
- Alarm Action
- Remote live viewe
- E-map

Structure



User Interface

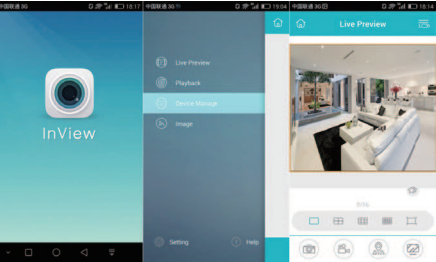


Inview Pro 3

Main Features

- Support real-time monitoring, video playback, local recording, device control in the LAN and WAN environment.
- Support QR code scanning to add IPC or NVR deviceby P2P
- Support 1080P real-time
- Support 1/4/9/16 layout for live video, 1channel video playback
- Support PTZ 3D positioning, two-way audio
- Easily locate therecording,alarm recording and scheduled recording
- Unified management, support custom group
- Unified management of all snapshot and video local recording
- Support 21 languages

User Interface



Onvif Full Member



Available on the App Store

ANDROID APP ON Google play

