

2025

SecuMate Products Catalog

Video Surveillance Products



ABOUT SecuMate

Shenzhen SecuMate Technology Co., Ltd. was founded in 2018, it is a national high-tech enterprise with video intelligent perception technology as the core strategy, and has strong independent research and development and production capacity, as well as ODM professional manufacturers in software, hardware, production and manufacturing.

Products include: Network cameras, Network PTZ cameras, WiFi cameras, Network Video Recorder, smart PTZ zoom modules, IP camera modules, NVR modules.

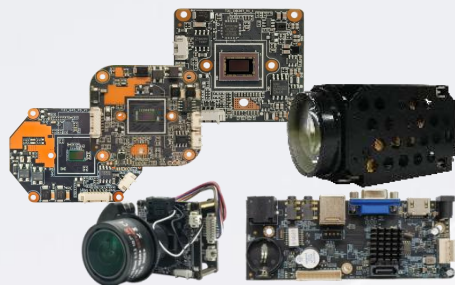
"SecuMate" company have got rapid development in the past years. To produce stable quality products is the basic and key factor. The company management has been approved by ISO 90001, also the production line is managed by ERP system, and all the products have CE, FCC and RoHS etc., international certificates. By now, we have built up business relationship with customers from 90 different countries over the world.

To supply customers best quality and cost performance products is our company profile. We control the quality from the beginning of strictly choosing all the product component. Each products will have basic testing process such as: Quality testing in high & low temperature, 48 hours regular temperature aging, Waterproof and Shaking testing, 100% QC inspecting and 30% QA inspecting before delivery.

Except having our own brand "SecuMate", we are also experienced in supplying OEM&ODM products.

"Win&Win" business begin from your first inquiry. We ensure you of active reply, excellent quality, competitive prices, prompt delivery and first-class service.

Product Family



**Original IP Camera& NVR
PCBA**
Own Hardware& Software design



Network Camera
Unique Housing Design



Network Video Recorder

Hisilicon Project series

8MP/5MP/4MP/2MP



-30°C ~ 60°C / 0% -90%

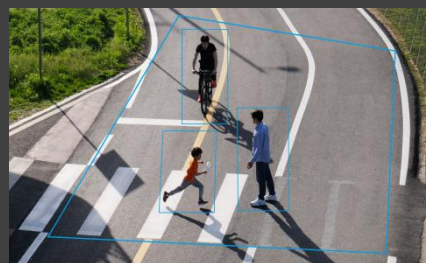
Professional Project Series Network Camera

Model	SE-WH2HVD55	SE-WH2T45	SE-WH2T55	SE-WH4HFD28	SE-WH4HVD60	SE-WH4HVD55	SE-WH4T45	SE-WH4T55
Images								
Video Compression	H.265/H.264							
Effective Pixels	2MP 1920 x 1080@@25fps			4MP 2560 x 1440@25fps				
Stream Types	Dual Streams, Main stream: 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)			Dual Streams, Main stream: 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)				
Image Sensor	1/2.8" Sony Starvis Progressive scan CMOS			1/2.8" Sony Starvis Progressive scan CMOS				
Min.illumination	Color: 0.0001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)			Color: 0.001Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)				
IR Distance	Up to 30 Meters	Up to 50 Meters	Up to 70 Meters	Up to 30 Meters	Up to 20 Meters	Up to 30 Meters	Up to 50 Meters	Up to 70 Meters
Lens	2.8-12mm Motorized	2.8-12mm Motorized	2.8-12mm/5--50mm Motorized	3.6mm(2.8mm)	3.6mm(2.8mm)	2.8-12mm Motorized	2.8-12mm Motorized	2.8-12mm/5--50mm Motorized
Field of View	Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)			2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° ; 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°		Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	/							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	1ch Audio input/ 1ch output, RCA			1ch Audio input/ 1ch output, RCA				
Alarm	1ch Alarm input/ 1ch output			1ch Alarm input/ 1ch output				
Power Supply	DC12V: max 5.7W, PoE: max 7.1W			DC12V: max 4.3W, PoE: max 5.1W		DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP67 / IK10	IP67	IP67	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 %-90 %							

SecuMate®

Ingenic AI series

8MP/6MP/4MP



Area Intrusion

The users can setup specific areas, when somebody enter or leave these areas, it will trigger alarm on camera and linkage to do other actions.



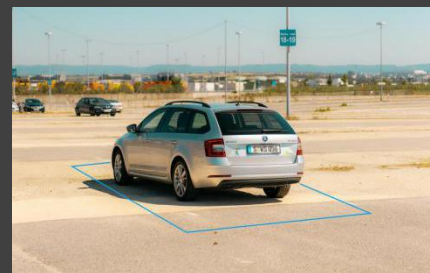
Line-Crossing Detection

The users can setup warning line, when somebody cross this warning line, it will trigger alarm on camera and linkage to do other actions.



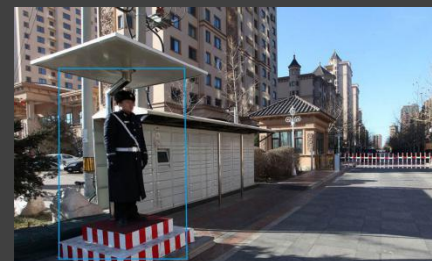
Loitering

The users can setup specific area, when somebody enter this area and stay this area more than specific time, then it will trigger alarm on camera.



Vehicle illegal parking

The users can setup one area which does not allow to park more than specific time, when the vehicle parking time is over the specific time, it will trigger alarm on camera and linkage to do actions.



Absent Alarm

The users can setup one area when somebody leaves this area more than specified time, IP camera will send alarm information



Retrograde

When IP camera detects the vehicle retrograde illegally, it will trigger alarm on camera and linkage to do other actions.

4MP AI Network Camera

Model	SE-QL4T37	SE-QL4T21A	SE-QL4HB37	SE-QL4HD55	SE-QL4HVD50	SE-QL4HVD25	SE-QL4HD90 SE-QL4HD90M	SE-QL4HVD25M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	4MP 2560 x 1440@25fps							
Stream Types	Dual Streams, Main stream: 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P(640*360),CIF(352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 25 Meters	Up to 40 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°						Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)	
Day/Night	IR Cut filter with auto switch (Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	NO	NO	NO	SD Card slot, Up to 512GB
Audio	Microphone	Microphone	NO	Mic., & Speaker	NO	NO	NO	Mic.,& Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W						DC12V: max 5.7W, PoE: max 7.1W	
Protection Grade	IP67	IP67	Indoor, Plastic	IP67	IP67 / IK10	IP67 / IK10	IP67 / IK 10	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0 % ~90 %							

4MP AI Network Camera

Model	SE-QL4T51	SE-QL4T42A	SE-QL4HD303	SE-QL4HFD28 SE-QL4HVD28M	SE-QL4HD88M	SE-QL4T77M	SE-QL4T75M	SE-QL4T90M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@25fps							
Stream Types	Dual Streams, Main stream: 5MP(2592*1904)/4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P(640*360),CIF(352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W: 0 Lux (IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 50 Meters	Up to 50 Meters	Up to 50 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)				
Day/Night	IR Cut filter with auto switch (Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	Built in Microphone and Speaker							
Alarm	Optional, 1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W			DC12V: max 5.7W, PoE: max 7.1W				
Protection Grade	IP67	IP67	IP67	IP67 / IK10	IP67	IP67	IP67	IP67

5MP AI Network Camera

Model	SE-QL5T37	SE-QL5T21A	SE-QL5HB37	SE-QL5HD55	SE-QL5HVD50	SE-QL5HVD25	SE-QL5HD90 SE-QL5HD90M	SE-QL5HVD32M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@25fps							
Stream Types	Dual Streams, Main stream: 5MP(2592*1904)/4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P(640*360),CIF(352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.01 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 25 Meters	Up to 40 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°						Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)	
Day/Night	IR Cut filter with auto switch (Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	NO	NO	NO	SD Card slot, Up to 512GB
Audio	Microphone	Microphone	NO	Mic., & Speaker	NO	NO	NO	Mic.,& Speaker
Alarm	Optional, 1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W						DC12V: max 5.7W, PoE: max 7.1W	
Protection Grade	IP67	IP67	Indoor, Plastic	IP67	IP67 / IK10	IP67 / IK10	IP67 / IK 10	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0 %~90 %							

5MP AI Network Camera

Model	SE-QL5T51	SE-QL5T42A	SE-QL5HD303	SE-QL5HFD28 SE-QL5HVD28M	SE-QL5HD88M	SE-QL5T77M	SE-QL5T63M	SE-QL5T75M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@25fps							
Stream Types	Dual Streams, Main stream: 5MP(2592*1904)/4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P(640*360),CIF(352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.01 Lux@ F1.6(AGC ON); B/W: 0 Lux (IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 50 Meters	Up to 50 Meters	Up to 50 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)				
Day/Night	IR Cut filter with auto switch (Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	Built in Microphone and Speaker							
Alarm	Optional, 1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W			DC12V: max 5.7W, PoE: max 7.1W				
Protection Grade	IP67	IP67	IP67	IP67 / IK10	IP67	IP67	IP67	IP67

6MP AI Network Camera

Model	SE-QN6T37	SE-QN6T21A	SE-QN6HVD24	SE-QN6HD55	SE-QN6HD90 SE-QN6HD90M	SE-QN6HVD25M	SE-QN6T63M	SE-QN6T80M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	6MP 3702 x 2048@25fps, WDR							
Stream Types	Dual Streams, Main stream: 6MP (3072*2048), 5MP (2592*1904), 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux @ F1.6(AGC ON); B/W : 0 Lux (IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 30 Meters	Up to 50 Meters	Up to 50 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°				Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)			
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Mic., & Speaker	NO	Mic., & Speaker	Microphone	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker
Alarm	Optional, 1ch input, 1ch output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W					DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP67	IP67	IP67 / IK10	IP67	IP67	IP67 / IK10	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

6MP AI Network Camera

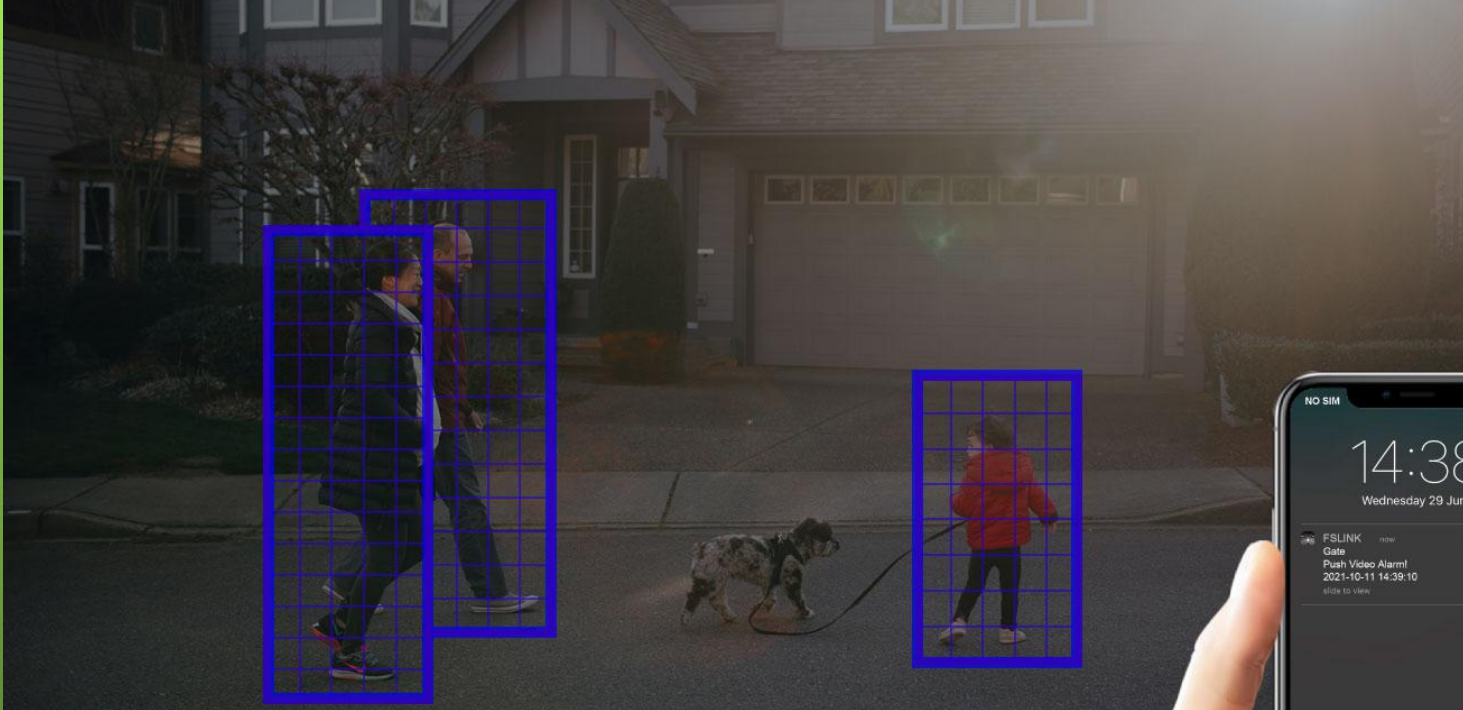
Model	SE-QN6T42	SE-QN6T42A	SE-QN6HD303	SE-QN6HD88M	SE-QN6HFD28 SE-QN6HVD28M	SE-QN6HVD32M	SE-QN6T75A	SE-QN6T90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	6MP 3072 x 2048@25fps, WDR							
Stream Types	Dual Streams, Main stream: 6MP (3072*2048), 5MP (2592*1904), 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux @ F1.6(AGC ON); B/W : 0 Lux (IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 50 Meters	Up to 50 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)				
Day/Night	IR Cut filter with auto switch (Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker
Alarm	Optional, 1ch input, 1ch output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W				DC12V: max 5.7W, PoE: max 7.1W			
Protection Grade	IP67	IP67	IP67	IP67 / IK10	IP67	IP67 / IK10	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 % -90 %							

8MP AI Network Camera

Model	SE-SQ8T37	SE-SQ8T21A	SE-SQ8HVD24	SE-SQ8HD55	SE-SQ8HD90 SE-SQ8HD90M	SE-SQ8HVD25M	SE-SQ8T63M	SE-SQ8T80M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	8MP 3840 x 2160@25fps, WDR							
Stream Types	Dual Streams, Main stream: 8MP (3840*2160), 6MP (3072*2048), 5MP (2592*1904), 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux @ F1.6(AGC ON); B/W : 0 Lux (IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 30 Meters	Up to 50 Meters	Up to 50 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°				Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)			
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Mic., & Speaker	NO	Mic., & Speaker	Microphone	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker
Alarm	Optional, 1ch input, 1ch output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W					DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP67	IP67	IP67 / IK10	IP67	IP67	IP67 / IK10	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 % -90 %							

8MP AI Network Camera

Model	SE-SQ8T42	SE-SQ8T42A	SE-SQ8HD303	SE-SQ8HD88M	SE-SQ8HFD28 SE-SQ8HVD28M	SE-SQ8HVD32M	SE-SQ8T75A	SE-SQ8T90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	8MP 3840 x 2160@25fps, WDR							
Stream Types	Dual Streams, Main stream: 8MP (3840*2160), 6MP (3072*2048), 5MP (2592*1904), 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux @ F1.6(AGC ON); B/W : 0 Lux (IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 30 Meters	Up to 30 Meters	Up to 50 Meters	Up to 80 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	3.6mm(2.8mm) 2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)				
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker	Built in Microphone and Speaker
Alarm	Optional, 1ch input, 1ch output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W			DC12V: max 5.7W, PoE: max 7.1W				
Protection Grade	IP67	IP67	IP67	IP67	IP67 / IK 10	IP67 / IK10	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							



4K Solution

AI-based Human Detection IP Surveillance System



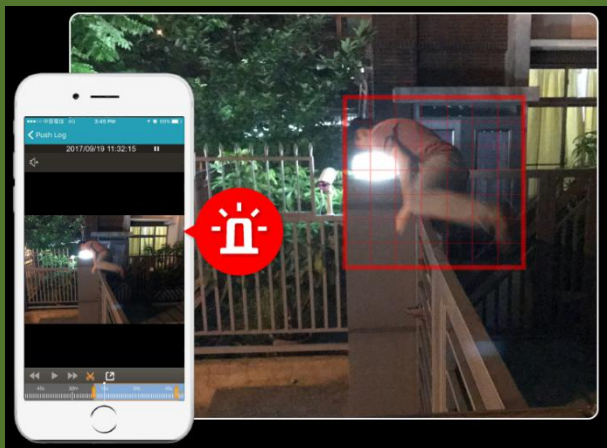
SecuMate®

AI-based Human Detection Solution

Smart Motion Detection (SMD) uses an advanced algorithm to differentiate human shapes within a scene and send alarms only when a person is detected.

By minimizing false flags caused by animals, falling leaves, and heavy rain, and by maintaining vigilant alarm triggering, Smart Motion Detection enables business- and home-owners to focus their security resources on real threats.

To prevent false detection alarms, SecuMate has released a camera series including 2MP, 4MP, 5MP, to 8MP to offer AI-based human detection to raise the accuracy of motion detection and only people will be detected in the frame. When this camera series is using with SecuMate NVR, you can also receive Push Video to check video playback when a person is detected.



Eco 2MP Human Detection Network Camera

Model	SE-EM2P20	SE-EM2T21A	SE-EM2HB37	SE-EM2HD40	SE-EM2HD82	SE-EM2HD90	SE-EM2HVD50	SE-EM2HVD25
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	2MP 1920 x 1080@25fps							
Stream Types	Dual Streams, Main stream: 2MP (1920*1080)@25fps, 4MP (2560*1440) /3MP (2304*1296)@20fps, Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 20 Meters	Up to 25 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	NO	NO	NO	NO	NO	NO	NO
Audio	Microphone	Microphone	Microphone	Microphone	Microphone	Microphone	NO	NO
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	Plastic, IP66	IP67	Plastic, Indoor	IP67	IP67	IP67	IP67	IP67 / IK10
Operating Conditions	-30℃ ~ 60℃ / 0 %-90%							

Eco 2MP Human Detection Network Camera

Model	SE-EM2T37	SE-EM2T51	SE-EM2T42A	SE-EM2HM13	SE-EM2HD55	SE-EM2HD303	SE-EM2HVD24	SE-EM2HFD28
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	2MP 1920 x 1080@25fps							
Stream Types	Dual Streams, Main stream: 2MP (1920*1080)@25fps, 4MP (2560*1440) /3MP (2304*1296)@20fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB
Audio	Microphone	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	NO	Mic., & Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP66	IP67	IP67	Half metal, IP66	IP67	IP67	IP67 / IK10	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0%~90 %							

Eco 2MP Human Detection Network Camera

Model	SE-EM2T19	SE-EM2T38	SE-EM2T77M	SE-EM2T80M	SE-EM2HD90M	SE-EM2HD88M	SE-EM2HVD28M	SE-EM2HVD32M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	2MP 1920 x 1080@25fps		2MP 1920 x 1080@25fps					
Stream Types	Main Stream: 2MP (1920*1080)@25fp, 4MP(2560*1440)@20fps, Sub stream: D1(720*576)		Dual Streams, Main stream: 2MP (1920*1080)@25fps, 3MP (2304*1296)@20fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)					
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 50 Meters	Up to 50 Meters	Up to 50 Meters	Up to 40 Meters	Up to 40 Meters	Up to 30 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm	2.7-13.5mm Motorized					
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°		Horizontal FOV 108.1° (W)-30.3° (T), Vertical FOV 56.3° (W)-17.1° (T), Diagonal FOV 130.9° (W)-34.8° (T)					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	NO	NO	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Microphone	Microphone	Mic., & Speaker	Microphone	Mic.,& Speaker	Mic.,& Speaker	Mic.,& Speaker
Alarm	Optional, 1ch input, 1ch output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W		DC12V: max 5.7W, PoE: max 7.1W					
Protection Grade	IP66	IP67	IP67	IP67	IP67	IP67	IP67 / IK10	IP67 / IK10
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

Eco 4MP Human Detection Network Camera

Model	SE-TN4T37	SE-TN4T21A	SE-TN4T38	SE-TN4HB37	SE-TN4HD40	SE-TN4HD55	SE-TN4HD90	SE-TN4HVD25
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	4MP 2560 x 1440@25fps							
Stream Types	Dual Streams, Main stream: 4MP(2560*1440)/ 3MP(2304*1296)@20fps, 2MP(1920*1080)@25fps Sub stream: D1(720*576),VGA(640*480),Q720P(640*360),CIF(352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 50 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 25 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	NO	NO	NO	NO	NO	NO	NO
Audio	Microphone	Microphone	Microphone	Microphone	Microphone	Mic., & Speaker	Microphone	NO
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP66	IP67	IP67	Plastic, IP66	IP67	IP67	IP67	IP67 / IK10
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

Eco 5MP Human Detection Network Camera

Model	SE-EM5P20	SE-EM5T21A	SE-EM5HB37	SE-EM5HD40	SE-EM5HD82	SE-EM5HD90	SE-EM5HVD50	SE-EM5HVD25
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@20fps							
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)@20fp, 4MP(2560*1440)/ 3MP(2304*1296)/ 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 20 Meters	Up to 25 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	NO	NO	NO	NO	NO	NO	NO
Audio	Microphone	Microphone	Microphone	Microphone	Microphone	Microphone	NO	NO
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W						DC12V: max 5.7W, PoE: max 7.1W	
Protection Grade	IP66	IP67	Plastic, Indoor	IP67	IP67	IP67	IP67	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0%~90%							

Eco 5MP Human Detection Network Camera

Model	SE-EM5T37	SE-EM5T51	SE-EM5T42A	SE-EM5HM13	SE-EM5HD55	SE-EM5HD303	SE-EM5HVD24	SE-EM5HFD28
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@20fps							
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)@20fp, 4MP(2560*1440)/ 3MP(2304*1296)/ 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB
Audio	Microphone	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	NO	Mic., & Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP66	IP67	IP67	IP66	IP67	IP67	IP67 / IK10	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0% -90 %							

Eco 5MP Human Detection Network Camera

Model	SE-EM5T19	SE-EM5T38	SE-EM5T75M	SE-EM5T90M	SE-EM5HD90M	SE-EM5HD88M	SE-EM5HVD25M	SE-EM5HVD32M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@20fps							
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)@20fp, 4MP(2560*1440)/ 3MP(2304*1296)/ 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.Illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 50 Meters	Up to 50Meters	Up to 50 Meters	Up to 40 Meters	Up to 40 Meters	Up to 30 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm	2.7-13.5mm Motorized					
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° ; 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°		Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Mic.,& Speaker	Microphone	Microphone	Mic., & Speaker	Microphone	Mic.,& Speaker	Mic.,& Speaker	Mic.,& Speaker
Alarm	Optional, 1ch input, 1ch output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W		DC12V: max 5.7W, PoE: max 7.1W					
Protection Grade	IP66	IP67	IP67	IP67	IP67	IP67	IP67 / IK10	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0 %~90 %							

Pro 5MP WDR Human Detection Network Camera

Model	SE-DS5T21A	SE-DS5T42A	SE-DS5HD55	SE-DS5HD90	SE-DS5HVD24	SE-DS5HVD25M	SE-DS5T63M	SE-DS5T80M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1944@25fps, WDR							
Stream Types	Dual Streams, Main stream: 5MP(2592*1944)@20fp, 4MP(2560*1440)/ 3MP(2304*1296)/ 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.8" SONY Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°					Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	NO	NO	Microphone& Speaker	Microphone & Speaker	Microphone & Speaker
Alarm	1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W					DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP67	IP67	IP67	IP67	IP67 / IK10	IP67 / IK10	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 %-90 %							

Pro 5MP WDR Human Detection Network Camera

Model	SE-DS5T42	SE-DS5HD303	SE-DS5HFD28	SE-DS5HD88M	SE-DS5HVD28M	SE-DS5HVD32M	SE-DS5T75A	SE-DS5T90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1944@25fps, WDR							
Stream Types	Dual Streams, Main stream: 5MP(2592*1944)@20fp, 4MP(2560*1440)/ 3MP(2304*1296)/ 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.8" SONY Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 40 Meters	Up to 30 Meters	Up to 50 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)				
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	NO
Audio	Microphone	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	NO	NO
Alarm	1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W			DC12V: max 5.7W, PoE: max 7.1W				
Protection Grade	IP67	IP67	IP67 / IK10	IP67	IP67 / IK10	IP67 / IK10	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0%-90 %							

Eco 8MP Human Detection Network Camera

Model	SE-HS8T21A	SE-HS8T42A	SE-HS8HD55	SE-HS8HD90	SE-HS8HVD24	SE-HS8HVD25M	SE-HS8T63M	SE-HS8T80M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	8MP 3840 x 2160@15fps							
Stream Types	Dual Streams, Main stream: 8MP (3840*2160)@15fps, 5MP (2592*1904)@20fp, 4MP (2560*1440)/ 3MP (2304*1296)/ 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.8" SONY Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°					Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	NO	NO	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker
Alarm	1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W					DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP67	IP67	IP67	IP67	IP67 / IK10	IP67 / IK10	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

Eco 8MP Human Detection Network Camera

Model	SE-HS8T42	SE-HS8HD303	SE-HS8HFD28	SE-HS8HD88M	SE-HS8HVD28M	SE-HS8HVD32M	SE-HS8T75A	SE-HS8T90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	8MP 3840 x 2160@15fps							
Stream Types	Dual Streams, Main stream: 8MP (3840*2160)@15fps, 5MP (2592*1904)@20fp, 4MP (2560*1440)/ 3MP (2304*1296)/ 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.8" SONY Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 40 Meters	Up to 30 Meters	Up to 50 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)				
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker
Alarm	1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W			DC12V: max 5.7W, PoE: max 7.1W				
Protection Grade	IP67	IP67	IP67 / IK10	IP67	IP67 / IK10	IP67 / IK10	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

Pro 8MP WDR Human Detection Network Camera

Model	SE-DS8T21A	SE-DS8T42A	SE-DS8HD55	SE-DS8HD90	SE-DS8HVD24	SE-DS8HVD25M	SE-DS8T75M	SE-DS8T80M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	8MP 3840 x 2160@20fps, WDR							
Stream Types	Dual Streams, Main stream: 8MP (3840*2160)@20fps, 5MP (2592*1904)@20fp, 4MP (2560*1440)/ 3MP (2304*1296)/ 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.8" SONY Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°					Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	NO	NO	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker
Alarm	1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W					DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP67	IP67	IP67	IP67	IP67 / IK10	IP67 / IK10	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 %-90 %							

Eco 8MP Human Detection Network Camera

Model	SE-DS8T42	SE-DS8HD303	SE-DS8HFD28	SE-DS8HD88M	SE-DS8HVD28M	SE-DS8HVD32M	SE-DS8T80A	SE-DS8T90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	8MP 3840 x 2160@20fps, WDR							
Stream Types	Dual Streams, Main stream: 8MP (3840*2160)@20fps, 5MP (2592*1904)@20fp, 4MP (2560*1440)/ 3MP (2304*1296)/ 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.8" SONY Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 40 Meters	Up to 40 Meters	Up to 30 Meters	Up to 50 Meters	Up to 30 Meters
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)				
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	TWDR/DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker
Alarm	1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W			DC12V: max 5.7W, PoE: max 7.1W				
Protection Grade	IP67	IP67	IP67 / IK10	IP67	IP67 / IK10	IP67 / IK10	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 %-90 %							

SecuMate®



Ultra Black Light Full Color Network Camera 4MP/5MP/6MP

What is Black Light Technology?

1/1.8" Large sensor, 1/1.8x sensitive area than 1/3" sensor.
F1.0 large aperture, 4x incoming light than F2.0 aperture.

With F1.0 large aperture lens, more advanced sensor, the Black light series full color camera is able to see in full vibrant, and true color all night long. It is also what really makes this series camera stand out from other surveillance.

Capturing the Beauty of the Night

The Black Light camera utilizes highly sensitive sensors and advanced image processing technology to capture full-color images in extremely low light conditions. In fact, the Nighthawk technology in these cameras can discern colors in low light better than the human eye. This is particularly important for forensic applications, as images with more accurate colors can increase the chances of identifying suspects with greater precision and success.

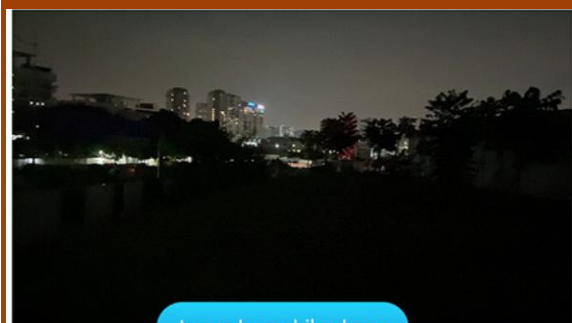
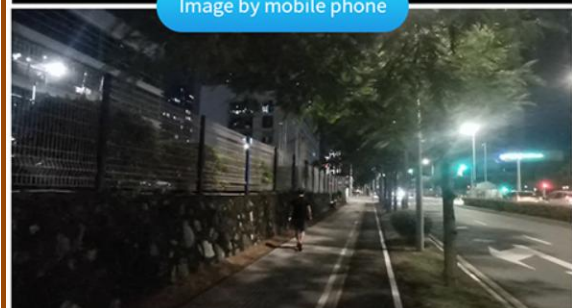


Image by mobile phone



Image by black light full color camera



Ultra Black Light Full Color 5MP/6MP Network Camera

Model	SE-BS5T51	SE-BS5P23	SE-BS5T90	SE-BS5HD303	SE-BS6T51	SE-BS6P23	SE-BS6T90	SE-BS6HD303
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592x 1904 @25fps				6MP 3072 x 2048 @25fps			
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)/ 4MP (2560*1440) / 3MP (2304*1296) / 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)				Dual Streams, Main stream: 6MP (3072*2048)/ 5MP (2592*1904)/ 4MP (2560*1440) /3MP (2304*1296) /2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)			
Image Sensor	1/1.8" Progressive scan CMOS							
Min.illumination	Color: 0.0001 Lux@ F1.0(AGC ON); B/W : 0 Lux(Warm light ON)							
Warm light Distance	Up to 30 Meters	Up to 30 Meters	Up to 50 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 50 Meters	Up to 30 Meters
Lens	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0
Field of View	4mm, Horizontal FOV 84.3° , Vertical FOV 47.5° , Diagonal FOV 100.2°				4mm, Horizontal FOV 84.3° , Vertical FOV 47.5° , Diagonal FOV 100.2°			
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512G							
Audio	Microphone & Speaker							
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP67	IP66	IP67	IP67	IP67	IP66	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0%~90%							

Black Light Full Color 5MP/6MP IP Camera

Eco Black Light Full Color 2MP/4MP Network Camera

Model	SE-MS2T37	SE-MS2T51	SE-MS2T42A	SE-MS2HD303	SE-BS4T37	SE-BS4T51	SE-BS4T42A	SE-BS4HD303
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	2MP 1920 x 1080 @25fps				4MP 2560 x 1440 @25fps			
Stream Types	Dual Streams, Main stream: 2MP(1920*1080)@25fps, 4MP(2560*1440) /3MP(2304*1296) @20fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)				Dual Streams, Main stream: 4MP (2560*1440) / 3MP (2304*1296) / 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)			
Image Sensor	1/2.8" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.0(AGC ON); B/W : 0 Lux(Warm light ON)							
Warm light Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters
Lens	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0	4mm/F1.0
Field of View	4mm, Horizontal FOV 84.3° , Vertical FOV 47.5° , Diagonal FOV 100.2°				4mm, Horizontal FOV 84.3° , Vertical FOV 47.5° , Diagonal FOV 100.2°			
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO				SD Card Slot, up to 512G			
Audio	Microphone	Microphone & Speaker			Microphone	Microphone & Speaker		
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W				DC12V: max 4.3W, PoE: max 5.1W			
Protection Grade	IP66	IP67	IP67	IP67	IP67	IP67	IP67	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0%~90 %							

Eco Black Light Full Color 2MP/4MP IP Camera



What is the Smart Dual illumination Technology?

SecuMate's Smart Dual Illumination technology utilizes advanced algorithms to precisely detect targets. During nighttime surveillance, the infrared (IR) illuminator remains operational to provide enhanced visibility. When the camera detects a target, the warm light is triggered, capturing full-color video and key event details. When the target moves out of the monitored area, the warm light automatically turns off, while the IR illuminator reactivates, effectively reducing light pollution in the surroundings

Smart Dual Illumination:
Effortlessly switch between Full-color and IR modes for optimal surveillance.
Smart Illumination (Default): Automatically switch between the IR illuminator and warm light upon detecting a target.

IR Mode:
Only the IR illuminator is ON, providing enhanced visibility in low-light environments without the need for additional warm lighting. This mode effectively reduces light pollution and is well-suited for scenes where supplementary warm light is unnecessary.

Warm light Mode:
Only the warm light is ON, delivering color video footage for scenes that demand accurate color representation and enhanced visual clarity. This mode is particularly suitable for capturing detailed imagery and vibrant visuals.



Dual Lights Full-color 2MP Network Camera

Model	SE-DM2WB37	SE-DM2WD40	SE-EM2WD82	SE-EM2WD55	SE-DM2WP20	SE-EM2WT37	SE-EM2WT21A	SE-EM2WT31
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	2MP 1920 x 1080@25fps							
Stream Types	Dual Streams, Main stream: 2MP (1920*1080)@25fps, 4MP (2560*1440) /3MP (2304*1296)@20fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m; Infrared 30m	Warm lights 25m; Infrared 30m	Warm lights 25m; Infrared 30m	Warm lights 25m; Infrared 30m	Warm lights 25m; Infrared 30m	Warm lights 25m, Infrared 30m	Warm lights 25m; Infrared 30m	Warm lights 25m; Infrared 30m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	NO	NO	SD Card Slot, up to 512GB	NO	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Microphone	Microphone	Microphone	Mic., & Speaker	Microphone	Microphone	Mic.,& Speaker	Mic.,& Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	Indoor	IP67	IP67	IP67	IP66	IP67	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 % -90 %							

Dual Lights Full-color 2MP Network Camera

Model	SE-EM2WT51	SE-EM2WM13	SE-EM2WD303	SE-EM2WD92	SE-EM2WD88M	SE-EM2WT77M	SE-EM2WT80M	SE-EM2WT75M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	2MP 1920 x 1080@25fps							
Stream Types	Dual Streams, Main stream: 2MP (1920*1080)@25fps, 4MP (2560*1440) /3MP (2304*1296)@20fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)				Dual Streams, Main stream: 2MP (1920*1080)@25fps, 3MP (2304*1296)@20fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)			
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 30m Infrared 40m	Warm lights 40m Infrared 50m	Warm lights 40m Infrared 50m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°				Horizontal FOV 108.1° (W)-30.3° (T), Vertical FOV 56.3° (W)-17.1° (T), Diagonal FOV 130.9° (W)-34.8° (T)			
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic.,& Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W				DC12V: max 5.7W, PoE: max 7.1W			
Protection Grade	IP67	IP66	IP67	IP67	IP67	IP67	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

Dual Lights Full-color 4MP Network Camera

Model	SE-TN4WB37	SE-TN4WM13	SE-TN4WD40	SE-TN4WD55	SE-TN4WT37	SE-TN4WT21A	SE-TN4WT42	SE-TN4WT38
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	4MP 2560 x 1440@25fps							
Stream Types	Dual Streams, Main stream: 4MP (2560*1440) / 3MP (2304*1296) / 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.02Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	NO	NO	NO	NO	NO	NO	NO
Audio	Microphone	Mic., & Speaker	Microphone	Mic., & Speaker	Microphone	Mic., & Speaker	Microphone	Microphone
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							DC12V: max 5.7W, PoE: max 7.1W
Protection Grade	Indoor	IP66	IP67	IP67	IP67	IP67	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 %~90 %							

Dual Lights Full-color 5MP Network Camera

Model	SE-EM5WP20	SE-EM5WT08	SE-EM5WT37	SE-EM5WT42	SE-EM5WB35	SE-EM5WB37	SE-EM5WD40	SE-EM5WD82
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@20fps							
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)@20fp, 4MP (2560*1440)/ 3MP (2304*1296)/ 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual Lights	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	NO	NO	NO	NO	SD Card Slot, up to 512GB	NO	NO
Audio	Microphone	Microphone	Microphone	Microphone	Microphone	Microphone	Microphone	Microphone
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP66	IP66	IP67	IP67	Indoor	Indoor	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

Dual Lights Full-color 5MP Network Camera

Model	SE-EM5WM31	SE-EM5WD55	SE-EM5WD303	SE-EM5WD92	SE-EM5WT21	SE-EM5WT21A	SE-EM5WT51	SE-EM5WT31
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@20fps							
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)@20fp, 4MP (2560*1440)/ 3MP (2304*1296)/ 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Microphone	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP66	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

Dual Lights Full-color 5MP Network Camera

Model	SE-EM5WT42A	SE-EM5WT38	SE-EM5WD92M	SE-EM5WD88M	SE-EM5WVD25M	SE-EM5WT75M	SE-WM5WT80M	SE-EM5WT90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@20fps							
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)@20fp, 4MP (2560*1440)/ 3MP(2304*1296)/ 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.9" Progressive scan CMOS							
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m	Warm lights 30m Infrared 40m	Warm lights 30m Infrared 40m	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m	Warm lights 40m Infrared 50m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	4mm	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° ; 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°		Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	NO	NO	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Mic., & Speaker	Microphone	Microphone	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker
Alarm	1ch Alarm input, 1ch Alarm output							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W	DC12V: max 5.7W, PoE: max 7.1W						
Protection Grade	IP67	IP67	IP67	IP67	IP67, Vandal proof	IP67	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0 % -90 %							

Dual Lights Full-color 5MP Network Camera

Model	SE-QL5WB37	SE-QL5WD40	SE-QL5WD55	SE-QL5WD303	SE-QL5WT37	SE-QL5WT42	SE-QL5WT21A	SE-QL5WT38
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	5MP 2592 x 1904@25fps							
Stream Types	Dual Streams, Main stream: 5MP (2592*1904)/ 4MP(2560*1440)/ 3MP(2304*1296)/ 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
On-Board Storage	NO	NO	NO	NO	NO	NO	NO	NO
Audio	Microphone	Microphone	Mic.,& Speaker	Mic.,& Speaker	Microphone	Microphone	Microphone	Microphone
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							DC12V: max 5.7W, PoE: max 7.1W
Protection Grade	Indoor	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0%~90%							

Dual Lights Full-color 6MP Network Camera

Model	SE-QN6WM13	SE-QN6WD55	SE-QN6WD303	SE-QN6WT51	SE-QN6WT42A	SE-QN6WD88M	SE-QN6WVD25M	SE-QN6WT90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	6MP 3072 x 2048@25fps							
Stream Types	Dual Streams, Main stream: 6MP (3072*2048), 5MP (2592*1904), 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 30m Infrared 40m	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°					Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic.,& Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W					DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP66	IP67	IP67	IP67	IP67	IP67	IP67, Vandal proof	IP67
Operating Conditions	-30°C ~ 60°C / 0%~90%							

Dual Lights Full-color 8MP Network Camera

Model	SE-SQ8WD55	SE-SQ8WD303	SE-SQ8WD92	SE-SQ8WT51	SE-SQ8WT42A	SE-SQ8WD88M	SE-SQ8WVD25M	SE-SQ8WT90A
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	8MP 3840 x 2160@25fps							
Stream Types	Dual Streams, Main stream: 8MP (3840*2160), 5MP (2592*1904), 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA (640*480), Q720P (640*360), CIF (352*288)							
Image Sensor	1/2.7" Progressive scan CMOS							
Min.illumination	Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
Dual lights	Warm lights 25m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 30m Infrared 40m	Warm lights 30m Infrared 30m	Warm lights 25m Infrared 30m	Warm lights 30m Infrared 40m	Warm lights 25m Infrared 30m	Warm lights 40m Infrared 50m
Lens	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°					Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB	SD Card Slot, up to 512GB
Audio	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic., & Speaker	Mic.,& Speaker
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W					DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP66	IP67	IP67	IP67	IP67	IP67	IP67, Vandal proof	IP67
Operating Conditions	-30℃ ~ 60℃ / 0%~90%							

Special Network Camera

Special Network Camera								
Model	SE-EM4BTS60	SE-EM4Y20	SE-EM4MZ32	SE-EM4HY03	SE-EM5PTF	SE-EM5Y20	SE-EM5MZ32	SE-EM5HY03
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	4MP 2560 x 1440 @20fps				5MP 2592 x 1904 @20fps			
Stream types	Dual Streams, Main stream: 4MP(2560*1440) / 3MP(2304*1296)@20fps , 2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)				Dual Streams, Main stream: 5MP(2592*1904)@20fps, 4MP(2560*1440) /3MP(2304*1296) /2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)			
Image Sensor	1/2.9" Progressive scan CMOS				1/2.9" Progressive scan CMOS			
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)							
IR Distance	NO	NO	NO	Invisible IR 20m	Up to 30 Meters	NO	NO	Invisible IR 20m
Lens	3.6mm	3.6mm(2.8mm)	3.7mm	3.7mm	3.6mm(2.8mm)	3.6mm(2.8mm)	3.7mm	3.7mm
Field of View	2.8mm, Horizontal FOV 102.6° , Vertical FOV 56.4° , Diagonal FOV 122° 3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°							
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
ANR	Support, only work with NVR							
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Preview Monitoring	Browser, NVR, IMS Software, Mobile APP SECVIEW							
On-Board Storage	NO	NO	NO	NO	NO	NO	NO	NO
Audio	/	Microphone	NO	Microphone	Mic., & Speaker	Microphone	NO	Microphone
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP67	Indoor	Indoor	Indoor	IP66	Indoor	Indoor	Indoor
Operating Conditions	-30°C ~ 60°C / 0 % -90 %							

Panoramic Surveillance

Intelligent Panorama, All in One View

SecuMate®



SecuMate's Panoramic security camera offer extensive coverage, capturing more details from the scene with up to 4K high resolution, providing users with a clear and immersive panoramic viewing experience. Traditional cameras may require multiple devices to cover an area, whereas SecuMate's panoramic surveillance cameras accomplishes this with a single device, significantly simplifying the setup and management of the monitoring system.

180 4K Panoramic Camera



Model: SE-WH8PA85

8MP 180° Starlight Panoramic Bullet IP camera

8MP, 3840x1920@30fps, 4x 4mm lens, 4xTBD leds, 1/1.8" SONY CMOS

Smart IR, WDR, 3DNR, Onvif, Slink, Intelligent analysis
Built-in SD Card slot(up to 128GB), 2ch Alarm in/1ch output, 1ch Audio in/output, Reset, RS485, DC12V, POE, IP66DC12V/AC24V, POE Full Metal, IP67



SE-WH8SFHD99 8MP 180-degree view



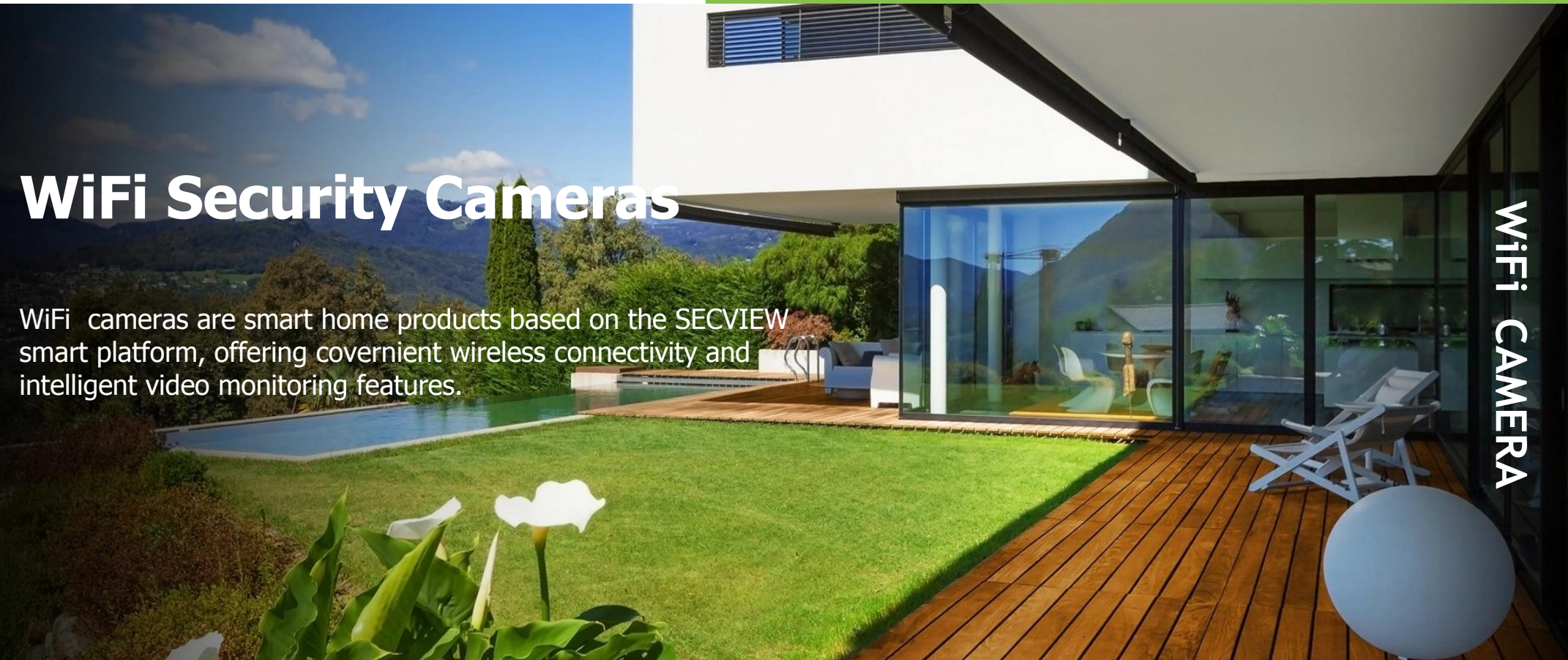
SE-WH8SF40 8MP 180-degree view





WiFi Security Cameras

WiFi cameras are smart home products based on the SECVIEW smart platform, offering convenient wireless connectivity and intelligent video monitoring features.



WiFi CAMERA



SecuMate®

WiFi Bullet/Dome Network CAMERA

Model	SE-WF-EM3T21	SE-WF-EM3P25	SE-WF-EM3HB37	SE-WF-EM3VD28	SE-WF-EM5T21	SE-WF-EM5P25	SE-WF-EM5HB37	SE-WF-EM5VD28
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	3MP 2304 x 1296@20fps				5MP 2592 x 1904@20fps			
Stream Types	Dual Streams, Main stream: 3MP (2304*1296)@20fps, 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)				Dual Streams, Main stream: 5MP (2592*1904)@20fps, 4MP (2560*1440)/ 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352			
Image Sensor	1/2.9" Progressive scan CMOS				1/2.9" Progressive scan CMOS			
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)				Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)			
IR Distance	Warm light 25m, Infrared 30m			Up to 20 Meters	Warm light 25m, Infrared 30m			Up to 20 Meters
Lens	3.6mm(2.8mm)							
Field of View	2.8mm, horizontal FOV 102.6° , vertical FOV 56.4° , diagonal FOV 122° 3.6mm, horizontal FOV 82.3° , vertical FOV 44.7° , diagonal FOV 97.4°				2.8mm, horizontal FOV 102.6° , vertical FOV 56.4° , diagonal FOV 122° 3.6mm, horizontal FOV 82.3° , vertical FOV 44.7° , diagonal FOV 97.4°			
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
Frequency Range	2.402GHz - 2.483GHz, 20/40MHZ							
Network Protocol	IEEE 802.11b/g/n, TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	WiFi, SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Transmission distance	100 meters(without obstacles)							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	Built in Microphone and Speaker							
Alarm	NO							
Power Supply	DC12V: max 4.3W, PoE: max 5.1W							
Protection Grade	IP67	Plastic, IP66	Plastic Indoor	IP67 / IK10	IP67	Plastic, IP66	Plastic Indoor	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0 % ~90 %							

WiFi AI Bullet/Dome Network CAMERA

Model	SE-WF-QN6T21	SE-WF-QN6P25	SE-WF-QN6HB37	SE-WF-QN6VD28	SE-WF-SQ8T21	SE-WF-SQ8P25	SE-WF-SQ8HB37	SE-WF-SQ8VD28
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	6MP 3072 x 2048@25fps				8MP 3840 x 2160@25fps			
Stream Types	Dual Streams, Main stream: 6MP(3072*2048)/5MP(2592*1904)/4MP(2560*1440)/3MP(2304*1296)@25fps Sub stream: D1(720*576),VGA(640*480),Q720P(640*360),CIF(352*288)				Dual Streams, Main stream: 8MP(3840*2160)/5MP(2592*1904)/4MP(2560*1440)@25fps Sub stream: D1(720*576),VGA(640*480),Q720P(640*360),CIF(352*288)			
Image Sensor	1/2.7" Progressive scan CMOS				1/2.7" Progressive scan CMOS			
Min.illumination	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)				Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)			
IR Distance	Warm light 25m, Infrared 30m			Up to 20 Meters	Warm light 25m, Infrared 30m			Up to 20 Meters
Lens	3.6mm(2.8mm)							
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°				2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			
Day/Night	IR Cut filter with auto switch(Auto/Schedule)							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
Frequency Range	2.402GHz - 2.483GHz, 20/40MHZ							
Network Protocol	IEEE 802.11b/g/n, TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	WiFi, SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Transmission distance	100 meters(without obstacles)							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	Built in Microphone and Speaker							
Alarm	NO							
Power Supply	DC12V: max 4.8W, PoE: max 5.9W							
Protection Grade	IP67	IP67	Indoor	IP67 / IK10	IP67	IP67	Indoor	IP67 / IK10
Operating Conditions	-30°C ~ 60°C / 0 %~90 %							

WiFi AI PTZ Dome Network CAMERA

Model	SE-WF-EM3PVD66M	SE-WF-QL4PVD28	SE-WF-QN6PVD28	SE-WF-QN6PVD77	SE-WF-QN6PVD66M	SE-WF-SQ8PVD28	SE-WF-SQ8PVD77	SE-WF-SQ8PVD66M
Images								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	3MP 2304 x 1296@25fps	4MP 2560 x 1440@25fps	6MP 3072 x 2048@25fps			8MP 3840 x 2160@25fps		
Stream Types	Main stream: 3MP(2304*1296)@25fps Sub stream: D1(720*576),VGA(640*480)	Main stream: 4MP(2560*1440)/3MP(2304*1296)@25fps Sub stream: D1(720*576),VGA(640*480)	Dual Streams, Main stream: 6MP (3072*2048)/ 5MP (2592*1904)/ 4MP (2560*1440)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360)			Dual Streams, Main stream: 8MP (3840*2160)/ 5MP (2592*1904)/4MP(2560*1440)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360)		
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.7" Progressive scan CMOS			1/2.7" Progressive scan CMOS		
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.01 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)			Color: 0.001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)		
IR Distance	Up to 30 Meters	Up to 30 Meters	Up to 30 Meters	Warm light 40m, Infrared 50m	Up to 40 Meters	Up to 30 Meters	Warm light 35m, Infrared 40m	Up to 40 Meters
Lens	2.7-13.5mm Motorized	3.6mm(2.8mm)	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized	3.6mm(2.8mm)	2.7-13.5mm Motorized	2.7-13.5mm Motorized
Field of View	HFOV 108.1° (W)-30.3° (T), VFOV 56.3° (W)-17.1° (T), DFOV 130.9° (W)-34.8° (T)	2.8mm, FOV 102.6 3.6mm, FOV 82.3	2.8mm, FOV 108.3 3.6mm, FOV 89.3	Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		2.8mm, FOV 108.3 3.6mm, FOV 89.3	Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)	
Pan/Tilt	Support							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection						
Frequency Range	2.402GHz - 2.483GHz, 20/40MHZ							
Network Protocol	IEEE 802.11b/g/n, TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	WiFi, SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Transmission distance	100 meters(without obstacles)							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	Built in Microphone and Speaker							
Alarm	NO							
Power Supply	DC12V: max 4.8W, PoE: max 5.9W							
Protection Grade	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP66	IP67 / IK10	IP67 / IK10	IP66	IP67 / IK10
Operating Conditions	-30℃ ~ 60℃ / 0 % -90 %							

WiFi Pan/Tilt Network CAMERA

Model	SE-WH3-F05	SE-WH3-F12	SE-WH3-F08	SE-WH3-M12	SE-EM5-F05	SE-EM5-F12	SE-EM5-F08	SE-EM5-M12
Image								
Video Compression	H.265+/H.265/H.264							
Effective Pixels	3MP 2304 x 1296@20fps				5MP 2592 x 1904@20fps			
Stream Types	Dual Streams, Main stream: 3MP (2304*1296)@20fps, 2MP (1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)				Dual Streams, Main stream: 5MP (2592*1904)@20fps, 4MP (2560*1440) 3MP (2304*1296)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352			
Image Sensor	1/2.9" Progressive scan CMOS				1/2.9" Progressive scan CMOS			
Min.illumination	Color: 0.05 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)				Color: 0.02 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)			
IR Distance	Warm light 25m, Infrared 30m				Warm light 25m, Infrared 30m			
Lens	3.6mm(2.8mm)			2.7-13.5mm Motorized(5x Zoom)	3.6mm(2.8mm)			2.7-13.5mm Motorized(5x Zoom)
Field of View	2.8mm, horizontal FOV 102.6° , vertical FOV 56.4° , diagonal FOV 122° 3.6mm, horizontal FOV 82.3° , vertical FOV 44.7° , diagonal FOV 97.4°			HFOV 108.1° (W)-30.3° (T), VFOV 56.3° (W)-17.1° (T), DFOV 130.9° (W)-34.8° (T)	2.8mm, horizontal FOV 102.6° , vertical FOV 56.4° , diagonal FOV 122° 3.6mm, horizontal FOV 82.3° , vertical FOV 44.7° , diagonal FOV 97.4°			HFOV 113° (W)-31.4° (T), VFOV 58.4° (W)-17.6° (T), DFOV 138.2° (W)-36° (T)
Pan/Tilt/Zoom	Pan/ Tilt			Pan/ Tilt/ Zoom	Pan/ Tilt	Pan/ Tilt/ Zoom		
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Human Detection							
Frequency Range	2.402GHz - 2.483GHz, 20/40MHZ							
Network Protocol	IEEE 802.11b/g/n, TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	WiFi, SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Transmission distance	100 meters(without obstacles)							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	Built in Microphone and Speaker							
Alarm	NO							
Power Supply	DC12V: max 4.5W, PoE: max 5.5W							
Protection Grade	IP66							
Operating Conditions	-30°C ~ 60°C / 0 %-90 %							

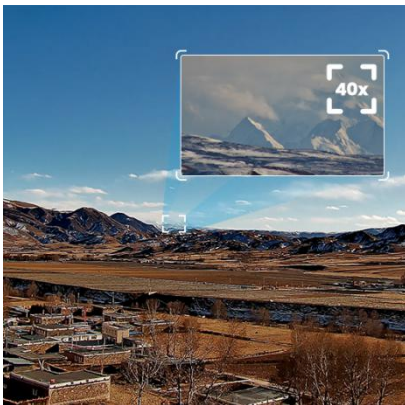
WiFi Two in One Pan/Tilt Network Camera

Model	SE-BS4-G29	SE-BS4-G28	SE-BS4-G26	SE-BS4-G27	SE-BS5-G29	SE-BS5-G28	SE-BS5-G26	SE-BS5-G27
Image	 2.5-inch	 2.5-inch	 4-inch	 6-inch	 2.5-inch	 2.5-inch	 4-inch	 6-inch
Video Compression	H.265+/H.265/H.264							
Effective Pixels	4MP 2560x 1440@25fps				5MP 2592 x 1904@20fps			
Stream Types	Dual Streams, Main stream: 4MP (2560*1440)/3MP (2304*1296)/2MP(1920*1080)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288)				Dual Streams, Main stream: 5MP(2592*1904)@20fps, 4MP(2560*1440)/ 3MP(2304*1296)@25fps Sub stream: D1(720*576), VGA(640*480), Q720P(640*360), CIF(352			
Image Sensor	1/2.7" Progressive scan CMOS				1/2.7" Progressive scan CMOS			
Min.illumination	Color: 0.0001Lux@ F1.6(AGC ON); B/W: 0 Lux(IR led ON)				Color: 0.0001 Lux@ F1.6(AGC ON); B/W : 0 Lux(IR led ON)			
IR Distance	Warm light 25m				Warm light 25m			
Lens	F1.0 2.8mm+6mm Dual lens							
Field of View	2.8mm, Horizontal FOV 109.7° , Vertical FOV 61.2° , Diagonal FOV 128.4° 6mm, Horizontal FOV 56.6° , Vertical FOV 30.36° , Diagonal FOV 67.82°							
Pan/Tilt/Zoom	Support Pan/ Tilt							
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness							
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection							
Frequency Range	2.402GHz - 2.483GHz, 20/40MHZ							
Network Protocol	IEEE 802.11b/g/n, TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP							
Interface Protocol	WiFi, SLINK, ONVIF, HIK, TST, HTTP Push, API							
General alarm	Motion Detection, Video Tampering, Privacy Zones							
Transmission distance	100 meters(without obstacles)							
On-Board Storage	SD Card Slot, up to 512GB							
Audio	Built in Microphone and Speaker							
Alarm	NO							
Power Supply	DC12V: max 5.2W, PoE: max 6.2W							
Protection Grade	IP66							
Operating Conditions	-30°C ~ 60°C / 0 %-90 %							

SecuMate®

Network PTZ Camera

PTZ cameras can move easily because it means panning and zooming, whereas IP cameras don't have this ability, meaning they can't move on their own.



360 Coverage and Magnified Details

With up to 40x/37x/30x/25x/12x optical zoom and fast, precise pan/tilt/zoom capabilities. These PTZ network cameras can easily control the lens position with the mouse to monitor the area of interest and zoom in, and also set up to 400 preset positions for patrolling.

Mini Network PTZ Camera

Model	SE-QL4PVD28	SE-QN6PVD28	SE-SQ8PVD28	SE-DM2PVD66M	SE-FM6PVD66M	SE-FS8PVD66M
Images						
Image Sensor	1/2.9" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.9" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS
Lens	3.6mm(2.8mm)			2.7-13.5mm Motorized(5x Zoom)		
Field of View	2.8mm, Horizontal FOV 108.3° , Vertical FOV 59.9° , Diagonal FOV 126.8° 3.6mm, Horizontal FOV 89.3° , Vertical FOV 47.9° , Diagonal FOV 107°			Horizontal FOV 113° (W)-31.4° (T), Vertical FOV 58.4° (W)-17.6° (T), Diagonal FOV 138.2° (W)-36° (T)		
Compression	H.265+/H.265/H.264					
Effective Pixels	4MP 2560 x 1440@25fps	6MP 3702 x 2048@25fps	8MP 3840 x 2160@25fps	2MP 1920 x 1080@25fps	6MP 3702 x 2048@25fps	8MP 3840 x 2160@25fps
Stream types	Main Stream+Sub Stream	Main Stream+Sub Stream	Main Stream+Sub Stream	Main Stream+Sub Stream	Main Stream+Sub Stream	Main Stream+Sub Stream
Min.illumination	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.01Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Up to 30 meters			Up to 40 meters		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness					
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection			Human Detection	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection	
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.5° ~40° /s, Vertical rotation speed 0.5° ~40° /s					
PTZ functions	Pan, Tilt					
On-Board Storage	Support, 512G in max.					
Audio	Microphone & Speaker					
Alarm	1ch Alarm input, 1ch Alarm output(optional)					
Power Supply	DC12V: max 5.5W, PoE: max 6.7W			DC12V: max 5.7W, PoE: max 7.1W		
Protection Grade	IP67 / IK10, Vandal-proof					
Operating Conditions	-30°C ~ 60°C / 0%-90%					

4-inch Network PTZ Camera

Model	SE-FWH3E15-T20	SE-FWH3E15-S20	SE-FWH5E15-T20	SE-FLS5E15-F20	SE-FLS6E15-F20	SE-FLS8E15-F20
Images						
Image Sensor	1/2.9" Progressive scan CMOS	1/2.8" Sony Progressive scan CMOS	1/2.9" Progressive scan CMOS	1/2.9" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS
Lens	20x Optical Zoom, f=5.3-106mm					
Field of View	Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)					
Compression	H.265+/H.265/H.264					
Effective Pixels	3MP 2304x 1296@20fps		5MP 2592x1904@20fps	5MP 2592x1904@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps
Stream types	Main Stream: 3MP 2304*1296@20fp, 2MP 1920*1080@25fps Sub stream: D1(720*576), VGA(640*480)		Main: 2592*1904@20fps Sub: D1(720*576)@25fps	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.05Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Dual lights: Warm light 50m, Infrared 80m					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness			DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	
Smart Functions	Human Detection			Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection		
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.5° ~40° /s, Vertical rotation speed 0.5° ~40° /s					
PTZ functions	128 Preset, 8 Cruise, Scanning					
On-Board Storage	NO					
Audio	Microphone & Speaker					
Alarm	NO					
Power Supply	DC12V 2A/ POE(802.3af)					
Protection Grade	IP66					
Operating Conditions	-30°C ~ 60°C / 0 %-90%					

6-inch Network PTZ Camera

Model	SE-FWH3E18-T20	SE-FWH3E18-S20	SE-FLS5E18-F20	SE-FLS6E18-F20	SE-FLS8E18-F20	SE-FWH8E18-S20
Images						
Image Sensor	1/2.9" Progressive scan CMOS	1/2.8" Sony Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.8" Sony Progressive scan CMOS
Lens	20x Optical Zoom, f=5.3-106mm					
Field of View	Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)					
Compression	H.265+/H.265/H.264					
Effective Pixels	3MP 2304 x 1296@20fps		5MP 2592 x 1904@25fps	6MP 3702 x 2048@25fps	8MP 3840 x 2160@25fps	8MP 3840 x 2160@15fps
Stream types	Main Stream: 3MP 2304*1296@20fp, 2MP 1920*1080@25fps Sub stream: D1(720*576), VGA(640*480)		Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.05Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Dual lights: Warm light 80m, Infrared 100m					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness			TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness
Smart Functions	Human Detection	Human Detection	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection			Human Detection
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.5° ~40° /s, Vertical rotation speed 0.5° ~40° /s					
PTZ functions	128 Preset, 8 Cruise, Scanning					
On-Board Storage	NO					
Audio	Microphone & Speaker					
Alarm	NO					
Power Supply	DC12V/ POE+ (802.3at)					
Protection Grade	IP66					
Operating Conditions	-30°C ~ 60°C / 0%-90%					

6-inch Network PTZ Camera

Model	SE-FWH5E18-T30	SE-FWH5E18-S30	SE-FLS5E18-F30	SE-FLS6E18-F30	SE-FLS8E18-F30	SE-FWH8E18-S30
Images						
Image Sensor	1/2.9" Progressive scan CMOS	1/2.8" Sony Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.8 Sony' Progressive scan CMOS
Lens	30x Optical Zoom, f=4.5-135mm					
Field of View	Horizontal FOV 55.5° (W)-2.5° (T), Vertical FOV 33.1° (W)-1.6° (T)					
Compression	H.265+/H.265/H.264					
Effective Pixels	5MP 2592 x 1904@25fps	5MP 2592 x 1904@25fps	5MP 2592 x 1904@25fps	6MP 3702 x 2048@25fps	8MP 3840 x 2160@25fps	8MP 3840 x 2160@15fps
Stream types	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@20fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Dual lights: Warm light 80m, Infrared 100m					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		
Smart Functions	Human Detection	Human Detection	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection			Human Detection
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.5° ~40° /s, Vertical rotation speed 0.5° ~40° /s					
PTZ functions	128 Preset, 8 Cruise, Scanning					
On-Board Storage	NO					
Audio	Microphone & Speaker					
Alarm	NO					
Power Supply	DC12V/ POE+(802.3at)					
Protection Grade	IP67					
Operating Conditions	-30°C ~ 60°C / 0%-90%					

5-inch and 7-inch Network PTZ Camera

Model	SE-FMS5D10-F20	SE-FMS6D10-F20	SE-FMS8D10-F20	SE-FMS5D70-F20	SE-FMS6D70-F20	SE-FMS8D70-F20
Images						
Image Sensor	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS
Lens	20x Optical Zoom, f=5.3-106mm					
Field of View	Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)					
Compression	H.265+/H.265/H.264					
Effective Pixels	5MP 2592x1904@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps	5MP 2592x1904@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps
Stream types	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Dual lights: Warm light 100m, Infrared 120m			Dual lights: Warm light 120m, Infrared 150m		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection					
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 1° ~60° /s, Vertical rotation speed 1° ~60° /s			Horizontal Rotation Speed 1° ~100° /s, Vertical rotation speed 1° ~100° /s		
PTZ functions	128 Preset, 8 Cruise, Scanning					
On-Board Storage	NO					
Audio	Microphone & Speaker					
Alarm	NO					
Power Supply	DC12V/ POE+(802.3at)			DC12V/ POE+(802.3at)		
Protection Grade	IP67	IP67	IP67	IP67	IP67	IP67
Operating Conditions	-30°C ~ 60°C / 0%-90%					

High Speed Network PTZ Camera

Model	SE-H5D45-F20	SE-HS6D45-F20	SE-HS8D45-F20	SE-H5D70-F20	SE-HS6D70-F20	SE-HS8D70-F20
Images	 4-inch	 4-inch	 4-inch	 7-inch	 7-inch	 7-inch
Image Sensor	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS
Lens	20x Optical Zoom, f=5.3-106mm					
Field of View	Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)					
Compression	H.265+/H.265/H.264					
Effective Pixels	5MP 2592x1904@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps	5MP 2592x1904@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps
Stream types	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Infrared 120m			Infrared 150m		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection					
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.1° ~240° /s, Vertical rotation speed 0.1° ~180° /s			Horizontal Rotation Speed 0.1° ~240° /s, Vertical rotation speed 0.1° ~180° /s		
PTZ functions	128 Preset, 8 Cruise, Scanning					
On-Board Storage	NO					
Audio	Microphone & Speaker					
Alarm	NO					
Power Supply	PoE+(802.3at), Max 30W			PoE+(802.3at), Max 30W		
Protection Grade	Half Metal, IP66					
Operating Conditions	-30℃ ~ 60℃ / 0%-90 %					

5-inch High Speed Network PTZ Camera

Model	SE-H5D50-F20	SE-HS6D50-F20	SE-HS8D50-F20	SE-H5D50-F33	SE-HS6D50-F33	SE-HS8D50-F33
Image						
Image Sensor	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS
Lens	20x Optical Zoom, f=5.3-106mm			33x Optical Zoom, f=4.5-148.5mm		
Field of View	Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)			Horizontal FOV 55.5° (W)-2.4° (T), Vertical FOV 33.1° (W)-1.5° (T)		
Compression	H.265+/H.265/H.264					
Effective Pixels	5MP 2592 x1904@25fps	6MP 3702 x 2048@25fps	8MP 3840 x 2160@25fps	5MP 2592 x 1904@25fps	6MP 3702 x 2048@25fps	8MP 3840 x 2160@25fps
Stream types	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Infrared 150m, 6x IR Array+4x Laser Led					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection					
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.1° ~240° /s, Vertical rotation speed 0.1° ~180° /s					
PTZ functions	128 Preset, 4 Cruise, Scanning, Parking action					
On-Board Storage	NO					
Audio	Microphone & Speaker					
Alarm	NO					
Power Supply	PoE++(802.3bt), Max 35W					
Protection Grade	Full Metal, IP66					
Operating Conditions	-30°C ~ 60°C / 0%-90 %					

6-inch High Speed Network PTZ Camera

Model	SE-H5D60-F20	SE-HS6D60-F20	SE-HS8D60-F20	SE-H5D60-F33	SE-HS6D60-F33	SE-HS8D60-F33
Images						
Image Sensor	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS
Lens	20x Optical Zoom, f=5.3-106mm			33x Optical Zoom, f=4.5-148.5mm		
Field of View	Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)			Horizontal FOV 55.5° (W)-2.4° (T), Vertical FOV 33.1° (W)-1.5° (T)		
Compression	H.265+/H.265/H.264					
Effective Pixels	5MP 2592x1904@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps	5MP 2592x1904@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps
Stream types	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 2592*1904@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.02Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Infrared 300m, 6x IR Array +4x Laser Led					
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		DWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection					
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.1° ~240° /s, Vertical rotation speed 0.1° ~180° /s					
PTZ functions	225 Preset, 4 Cruise, Scanning, Parking action					
On-Board Storage	NO					
Audio	Microphone & Speaker					
Alarm	NO					
Power Supply	PoE++(802.3bt), Max 48W					
Protection Grade	Full Metal, IP66					
Operating Conditions	-30℃ ~ 60℃ / 0%-90 %					

High Speed Network PTZ Camera

Model	SE-QN6-VBD50-F20	SE-SQ8-VBD50-F20	SE-QN6-ZBD70-F20	SE-SQ8-ZBD70-F20	SE-W2FD16-STH23	SE-W2FD16-STH33
Images						
Image Sensor	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.7" Progressive scan CMOS	1/2.8" Sony Starvis CMOS	1/2.8" Sony Starvis CMOS
Lens	Dual lens: 6mm F1.0 lens, 20x Optical Zoom, f=5.3-106mm		4 x 6mm F1.0 lens, 20x Optical Zoom, f=5.3-106mm		23x Optical Zoom, f=4.7-108.1mm	33x Optical Zoom, f=4.5-148.5mm
Field of View	Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)		4x Fixed camera for 270 degree view Horizontal FOV 56.3° (W)-4.8° (T), Vertical FOV 33.5° (W)-2.8° (T)		Horizontal FOV 56.5° (W)-2.7° (T), Vertical FOV 33.3° (W)-1.7° (T)	Horizontal FOV 55.5° (W)-2.4° (T) Vertical FOV 33.1° (W)-1.5° (T)
Compression	H.265+/H.265/H.264					
Effective Pixels	6MP 3702x2048@25fps	8MP 3840x2160@25fps	6MP 3702x2048@25fps	8MP 3840x2160@25fps	2MP 1920x1080@25fps	2MP 1920x1080@25fps
Stream types	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 3702*2048@25fps Sub: D1(720*576)@25fps	Main: 3840*2160@25fps Sub: D1(720*576)@25fps	Main: 1920*1080@25fps Sub: D1(720*576)@25fps	Main: 1920*1080@25fps Sub: D1(720*576)@25fps
Min.illumination	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)	Color: 0.001Lux@F1.6(AGC ON); B/W : 0 Lux(IR led ON)
IR distance	Warm lights 100m		Warm lights 150m		Infrared 150m	
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Video Parameter	TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness		TWDR/3DNR/Defogging/White Balance/Slow Shutter/Sharpness	
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection				/	
ANR	Support, only work with NVR					
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP, HTTPS, RTSP, RTMP, DDNS, UPNP, FTP					
Interface Protocol	SLINK, ONVIF, HIK, TST, HTTP Push, API					
Pan/Tilt Speed	Horizontal Rotation Speed 0.5° ~200° /s, Vertical rotation speed 0.5° ~70° /s		Horizontal Rotation Speed 0.5° ~240° /s, Vertical rotation speed 0.5° ~75° /s		Horizontal Rotation Speed 0.6° ~200° /s, Vertical rotation speed 0.8° ~80° /s	
PTZ functions	Fixed camera linkage PTZ camera track, Preset, Cruise, Scan, Park Action		Fixed camera linkage PTZ camera track, Preset, Cruise, Scan, Park Action		256 Preset, 8 Cruise, 4 Pattern	
On-Board Storage	NO				SD Card slot, up to 512G	
Audio	Microphone & Speaker				1ch Audio in/1ch output	
Alarm	NO				2ch Alarm in/1ch output	
Power Supply	DC12V / 5A		DC12V / 5A		AC24V/DC12V, POE+(802.3at)	
Protection Grade	Full Metal, IP67					
Operating Conditions	-30℃ ~ 60℃ / 0%-90%					

Network Video Recorder

SecuMate NVR can adapt to different application scenarios. And is an easy to install and reliable system that allows users can configure and manage network cameras with ease and simplicity.

SecuMate®

New Hardware Design, New 6.0 Firmware

- * 64/128/196 Channels IPC camera access
- * 8/16/24 Hard disk supported
- * Up to 4x HDMI port output for easy monitoring
- * Raid, Smart event alarm, Alarm Classification Retrieval,
- * Meets the professional security surveillance industry requirements



Network Video Recorder

Model	SE-215M10	SE-215M10-N	SE-215M16	SE-215M16-N	SE-215M16-NH	SE-438K36-XL
Images						
Video input	10 Channels	10 Channels	16 Channels	16 Channels	16 Channels	36 Channels
In/Out Bandwidth	80Mbps/ 40Mbps	80Mbps/ 40Mbps	80Mbps/ 40Mbps	80Mbps/ 40Mbps	150Mbps/ 80Mbps	150Mbps/ 80Mbps
Max. Decoding	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 5MP, 9ch D1	1ch 8MP, 4ch 1080P, 9ch D1
Recording resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.					
Display	1ch HDMI, 4KP@30HZ, 1ch VGA, 1080P@60HZ					
Max. HDD	1x 16TB					2x 16TB
Raid	/					
eSATA	/					
Alarm Input/Output	/					
Audio	1ch Audio output	1ch Audio input/1ch output	1ch Audio output	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output
Network Storage	/					
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported					
ANR	Support, only work when IPC built in SD Card					
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push					
Network Interface	1x 100M RJ45 Port				1x 1000M RJ45 Port	1x 100M RJ45 Port
USB Port	2x USB 2.0					
PoE Ports	/					
Power Supply	12 VDC/ 2A	12 VDC/ 2A	12 VDC/ 2A	12 VDC/ 2A	12 VDC/ 2A	12 VDC/ 3A
Power Consumption	10W (Without HDD)	10W (Without HDD)	10W (Without HDD)	10W (Without HDD)	10W (Without HDD)	15W (Without HDD)
Operating Conditions	-10° C-55° C / 10%-90%					

Network Video Recorder(1/2*HDD)

Model	SE-215M10NR	SE-215M16NR	SE-438K10-N	SE-438K16-N	SE-438K36-XF	SE-548K36-XF
Images						
Video input	10 Channels	16 Channels	10 Channels	16 Channels	36 Channels	36 Channels
In/Out Bandwidth	80Mbps/ 40Mbps	80Mbps/ 40Mbps	8 Mbps/ 40Mbps	80Mbps/ 40Mbps	150Mbps/ 80Mbps	150Mbps/ 80Mbps
Max. Decoding	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 5MP, 9ch D1	1ch 8MP, 4ch 1080P, 9ch D1
Recording resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.					
Display	1ch HDMI,4KP@30HZ, 1ch VGA, 1080P@60HZ					
Max. HDD	1x 16TB	1x 16TB	2x 16TB	2x 16TB	2x 16TB	4x 16TB
Raid	/					
eSATA	/					1ch
Alarm Input/Output	/		4ch Alarm input/2ch output		4ch Alarm input/2ch output	4ch Alarm input/2ch output
Audio	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output
Network Storage	/					
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported					
ANR	Support, only work when IPC built in SD Card					
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push					
Network Interface	2x 100M RJ45 Port	2x 100M RJ45 Port	2x 100M RJ45 Port	2x 100M RJ45 Port	2x 1000M RJ45 Port	2x 1000M RJ45 Port
USB Port	2x USB 2.0		3x USB 2.0		3x USB 2.0	
PoE Ports	/					
Power Supply	12 VDC/ 2A	12 VDC/ 2A	12 VDC/ 3A	12 VDC/ 3A	12 VDC/ 3A	12 VDC/ 8A
Power Consumption	10W (Without HDD)	10W (Without HDD)	15W (Without HDD)	15W (Without HDD)	15W (Without HDD)	15W (Without HDD)
Operating Conditions	-10° C-55° C / 10%-90%					

Network Video Recorder(POE NVR)

Model	SE-215M10-P4	SE-215M16-P8	SE-215M16-P16	SE-638K16-P16	SE-638K16-P16H
Images					
Video input	10 Channels	16 Channels	16 Channels	16 Channels	16 Channels
In/Out Bandwidth	80Mbps/ 40Mbps	80Mbps/ 40Mbps	80Mbps/ 40Mbps	80Mbps / 40Mbps	150Mbps/80 Mbps
Max. Decoding	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P, 9ch D1
Recording resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.				
Display	1ch HDMI,4KP@30HZ, 1ch VGA, 1080P@60HZ				
Max. HDD	1x 16TB	1x 16TB	1x 16TB	2x 16TB	2x 16TB
Raid	/				
eSATA	/				
Alarm Input/Output	/				
Audio	1ch Audio input/1ch output				
Network Storage	/				
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported				
ANR	Support, only work when IPC built in SD Card				
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push				
Network Interface	1x 100M RJ45 Port			1x 1000M RJ45 Ports	1x 1000M RJ45 Ports
USB Port	2x USB 2.0				
PoE Ports	4 Ports (IEEE 802.3af)	8 Ports (IEEE 802.3af)	16 Ports (IEEE 802.3af)	16 Ports (IEEE 802.3af)	16 Ports (IEEE 802.3af)
Power Supply	DC 52V/ 1.25A	DC 52V/ 2A	DC 52V/ 5A	DC 52V/ 5A	DC 52V/ 5A
Power Consumption	15W (Without HDD)	15W (Without HDD)	30W (Without HDD)	30W (Without HDD)	30W (Without HDD)
Operating Conditions	-10° C-55° C / 10%-90%				

Network Video Recorder (4*HDD NVR)

Model	SE-548K36-XL	SE-748K36	SE-748K64	SE-RK4K36	SE-RK4K64	SE-54K64
Images						
Video input	36 Channels	36 Channels	64 Channels	36 Channels	64 Channels	64 Channels
In/Out Bandwidth	150Mbps/ 80Mbps	512Mbps/ 256Mbps	380Mbps/ 200Mbps	512Mbps/ 256Mbps	380Mbps/ 200Mbps	512Mbps/ 256Mbps
Max. Decoding	1ch 8MP, 4ch 1080P, 9ch D1	1ch 12MP, 4ch 8MP, 16ch 1080P		1ch 12MP, 4ch 8MP, 16ch 1080P		1ch 8MP, 4ch 1080P
Recording resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.		12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.		8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Display	1ch HDMI, 4KP@30HZ, 1ch VGA, 1080P@60HZ					
Max. HDD	4x 16TB	4x 16TB	4x 16TB	4x 16TB	4x 16TB	4x 16TB
Raid	/					
eSATA	/					
Alarm Input/Output	/	/	/	4ch Alarm input/4ch output	4ch Alarm input/4ch output	4ch Alarm input/4ch output
Audio	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output	1ch Audio input/1ch output
Network Storage	/					
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported					
ANR	Support, only work when IPC built in SD Card					
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push					
Network Interface	1x 1000M RJ45 Port	2x 1000M RJ45 Port	2x 1000M RJ45 Port	2x 1000M RJ45 Port	2x 1000M RJ45 Port	2x 1000M RJ45 Port
USB Port	3x USB 2.0	3x USB 2.0	3x USB 2.0	3x USB 2.0	3x USB 2.0	1x UBS 2.0, 1x USB 3.0
PoE Ports	/					
Power Supply	12 VDC/ 8A	12 VDC/ 8A	12 VDC/ 8A	12 VDC/ 8A	12 VDC/ 8A	12 VDC/ 8A
Power Consumption	15W (Without HDD)	15W (Without HDD)	15W (Without HDD)	15W (Without HDD)	15W (Without HDD)	15W (Without HDD)
Operating Conditions	-10° C-55° C / 10%-90%					

Network Video Recorder (9*HDD NVR)

Model	SE-RK9K36	SE-RK9K64	SE-58K64	SE-58K128	SE-EMK64-HS	SE-EMK128-FH
Images						
Video input	36 Channels	64 Channels	64 Channels	128 Channels	64 Channels	128 Channels
In/Out Bandwidth	512Mbps/ 256Mbps	380Mbps/ 200 Mbps	512Mbps/ 256Mbps	640Mbps/ 320Mbps	800Mbps/ 400Mbps	512Mbps / 256Mbps
Max. Decoding	1ch 12MP, 4ch 8MP, 16ch 1080P		4ch 8MP, 16ch 1080P		1ch 12MP, 4ch 8MP, 16ch 1080P	1ch 8MP, 4ch 1080P
Recording resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.		8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.		12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Display	1ch HDMI, 4KP@30HZ, 1ch VGA, 1080P@60HZ		1ch HDMI, 4KP@30HZ, 1ch VGA, 1080P@60HZ		4ch HDMI, Single-screen up to 8K display output Dual-screen HDMI heterogeneous display output (1*8K+1*4K); Four-screen HDMI heterogeneous display output (3*4K+1*1080P)	
Max. HDD	9x 16TB	9x 16TB	9x 16TB	9x 16TB	9x 16TB	9x 16TB
Raid	/		RAID 0/1/5/6/10	RAID 0/1/15/6/10	RAID 0/1/15/6/10	RAID 0/1/15/6/10
eSATA	1 eSATA interface		1 eSATA interface		1 eSATA interface	
Alarm Input/Output	8ch Alarm input/4ch output		4ch Alarm input/4ch output		16ch Alarm input/8ch output	
Audio	1ch Audio input/1ch output					
Network Storage	IPSAN					
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported					
ANR	Support, only work when IPC built in SD Card					
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push					
Network Interface	2x 1000M RJ45 Port		2x 1000M RJ45 Port		2x 1000M RJ45 Port	
USB Port	3x USB 2.0		1x USB 2.0, 1x USB 3.0		3x USB 2.0	
PoE Ports	/					
Power Supply	100-220 VAC		100-220 VAC		100-220 VAC	
Power Consumption	35W (Without HDD)		35W (Without HDD)		35W (Without HDD)	
Operating Conditions	-10° C-55° C / 10%-90%					

Network Video Recorder (16*HDD NVR)

Model	SE-RK16K64	SE-QMK64-HS	SE-QMK128-AK	SE-QMK196-EF	SE-99K64-PL	SE-99K128-PL
Images						
Video input	64 Channels	64 Channels	128 Channels	196 Channels	64 Channels	128 Channels
In/Out Bandwidth	512Mbps/ 256Mbps	800Mbps/ 400 Mbps	800Mbps/ 400 Mbps	800Mbps/ 400Mbps	512 Mbps/ 256Mbps	640 Mbps/ 320Mbps
Max. Decoding	1ch 12MP, 4ch 8MP, 16ch 1080P	1ch 12MP, 4ch 8MP, 16ch 1080P			1ch 12MP, 4ch 8MP, 16ch 1080P	
Recording resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.			12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	
Display	1ch HDMI, 4KP@30HZ, 1ch VGA, 1080P@60HZ	4ch HDMI, Single-screen up to 8K display output Dual-screen HDMI heterogeneous display output (1*8K+1*4K); Four-screen HDMI heterogeneous display output (3*4K+1*1080P)			1ch HDMI, 4KP@30HZ, 1ch VGA, 1080P@60HZ	
Max. HDD	16x 16TB	16x 16TB	16x 16TB	16x 16TB	16x 16TB	16x 16TB
Raid	/	RAID 0/1/5/6/10			RAID 0/1/15/6/10	
eSATA	1 eSATA interface	1 eSATA interface			1 eSATA interface	
Alarm Input/Output	8ch Alarm input/4ch output	16ch Alarm input/8ch output			4ch Alarm input/4ch output	
Audio	1ch Audio input/1ch output					
Network Storage	IPSAN					
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported					
ANR	Support, only work when IPC built in SD Card					
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push					
Network Interface	2x 1000M RJ45 Ports	2x 1000M RJ45 Ports			2x 1000M RJ45 Port	
USB Port	3x USB 2.0	3x USB 2.0			2x USB 2.0, 1x USB 3.0	
PoE Ports	/					
Power Supply	100-240 VAC	100-240 VAC			100-240 VAC	
Power Consumption	50W (Without HDD)	50W (Without HDD) 450W (with HDD)			50W (Without HDD) 450W (with HDD)	
Operating Conditions	-10° C-55° C / 10%-90%					

Network Video Recorder (8/24*HDD NVR)

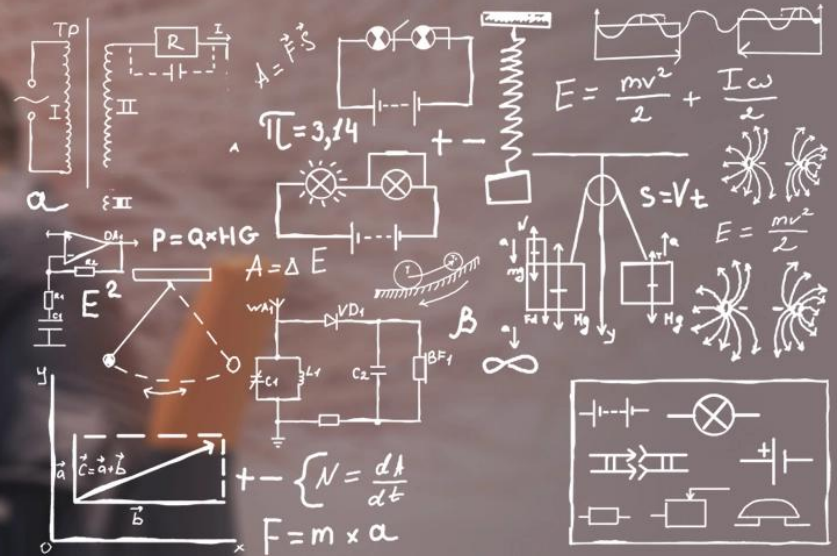
Model	SE-78K64	SE-99K128-HT	SE-HFK128-MN	SE-HFK196-MN	SE-BLK128-FH	SE-BLK196-FH
Images						
Video input	64 Channels	128 Channels	128 Channels	196 Channels	128 Channels	196 Channels
In/Out Bandwidth	640Mbps/ 320Mbps	640Mbps/ 320 Mbps	800Mbps/ 400 Mbps	800Mbps/ 400Mbps	800Mbps/ 400 Mbps	800Mbps/ 400Mbps
Max. Decoding	1ch 12MP, 4ch 8MP, 16ch 1080P		1ch 12MP, 4ch 8MP, 16ch 1080P		1ch 12MP, 4ch 8MP, 16ch 1080P	
Recording resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.		12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	
Display	2ch HDMI, 4KP@30HZ, 1ch VGA, 1080P@60HZ		4ch HDMI, Single-screen up to 8K display output Dual-screen HDMI heterogeneous display output (1*8K+1*4K); Four-screen HDMI heterogeneous display output (3*4K+1*1080P)		4ch HDMI, Single-screen up to 8K display output Dual-screen HDMI heterogeneous display output (1*8K+1*4K); Four-screen HDMI heterogeneous display output (3*4K+1*1080P)	
Max. HDD	8x 16TB	16x 16TB	24x 16TB	24x 16TB	16x 16TB	16x 16TB
Raid	RAID 0/1/5/6/10		RAID 0/1/5/6/10		RAID 0/1/15/6/10	
eSATA	1 eSATA interface		1 eSATA interface		1 eSATA interface	
Alarm Input/Output	16ch Alarm input/8ch output		16ch Alarm input/8ch output		16ch Alarm input/8ch output	
Audio	1ch Audio input/1ch output					
Network Storage	IPSAN					
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported					
ANR	Support, only work when IPC built in SD Card					
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push					
Network Interface	2x 1000M RJ45 Ports		2x 1000M RJ45 Ports		2x 1000M RJ45 Port	
USB Port	2x USB 2.0, 1x USB 3.0	3x USB 2.0	3x USB 2.0		3x USB 2.0	
PoE Ports	/					
Power Supply	100-240 VAC	100-240 VAC	100-240 VAC		100-240 VAC	
Power Consumption	15W (Without HDD)	50W (Without HDD) 450W (with HDD)	50W (Without HDD) 750W (with HDD)		50W (Without HDD) 1000W (with HDD)	
Operating Conditions	-10° C-55° C / 10%-90%					

CCTV Camera Kit

Model	SE-215MP4-K4B4	SE-215MP4-K4M4	SE-215MP8-K4B8	SE-215MP4-K5B4	SE-215MP4-K5M4	SE-215MP8-K5B8
Images						
Contents	4MP PoE Bullet IP Camera 4pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 2pcs 25 Meters Network cable 2pcs DC52V/ 1.25A Power supply 1pc Mouse 1pc	4MP PoE Bullet IP Camera 4pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 2pcs 25 Meters Network cable 2pcs DC52V/ 1.25A Power supply 1pc Mouse 1pc	4MP PoE Bullet IP Camera 8pcs 8CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 4pcs 25 Meters Network cable 4pcs DC52V/ 3A Power supply 1pc Mouse 1pc	5MP PoE Bullet IP Camera 4pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 2pcs 25 Meters Network cable 2pcs DC52V/ 1.25A Power supply 1pc Mouse 1pc	5MP PoE Bullet IP Camera 4pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 2pcs 25 Meters Network cable 2pcs DC52V/ 1.25A Power supply 1pc Mouse 1pc	5MP PoE Bullet IP Camera 8pcs 8CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 4pcs 25 Meters Network cable 4pcs DC52V/ 3A Power supply 1pc Mouse 1pc
Camera Pixels	4MP 2560 x 1440@20fps	4MP 2560 x 1440@20fps	4MP 2560 x 1440@20fps	5MP 2592 x 1904@20fps	5MP 2592 x 1904@20fps	5MP 2592 x 1904@20fps
Camera Lens	3.6mm	3.6mm	3.6mm	3.6mm	3.6mm	3.6mm
Field of View	3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°			3.6mm, Horizontal FOV 89.3°, Vertical FOV 47.9°, Diagonal FOV 107°		
IR distance	Dual lights: Warm light 25m, Infrared 30m			Dual lights: Warm light 25m, Infrared 30m		
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Camera Audio	Microphone built in					
NVR Video input	4ch PoE IPC input	4ch PoE IPC input	8ch PoE IPC input	4ch PoE IPC input	4ch PoE IPC input	8ch PoE IPC input
Display	HDMI up to 4K output, VGA					
Decoding	H.265+/H.265/H.264					
Playback	1ch 8MP, 4ch 1080P					
HDD	1x 16TB HDD					
Monitoring	Mobile Application, IMS software, Browser					
Detection Mode	Human Detection, Motion Detection					
Recording Mode	Human detection recording, Motion-triggered Recording, Scheduled Recording, 24/7 Recording					
PoE Ports	4ch, IEEE 802.3af, 52V DC	4ch, IEEE 802.3af, 52V DC	8ch, IEEE 802.3af, 52V DC	4ch, IEEE 802.3af, 52V DC	4ch, IEEE 802.3af, 52V DC	8ch, IEEE 802.3af, 52V DC
USB port	2x USB 2.0					
Power Consumption	DC 52V/ 1.25A <10W	DC 52V/ 1.25A <10W	52V/ 3A <15W	DC 52V/ 1.25A <10W	DC 52V/ 1.25A <10W	52V/ 3A <15W
Protection	IP66	IP66	IP66	IP66	IP66	IP66
Working environment	-30℃ ~ 60℃ / 0 % -90 %					

PoE NVR Camera Kit

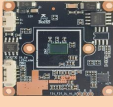
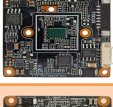
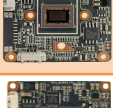
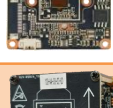
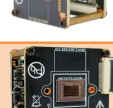
Model	SE-215MP4-K8M4	SE-215MP8-K8M8	SE-215MP4-K4P4	SE-215MP8-K4P8	SE-215MP4-K5M4	SE-215MP8-K5B8
Images						
Contents	8MP PoE Bullet IP Camera 4pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 2pcs 25 Meters Network cable 2pcs DC52V/ 1.25A Power supply 1pc Mouse 1pc	8MP PoE Bullet IP Camera 4pcs 8MP PoE Dome IP Camera 4pcs 8CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 4pcs 25 Meters Network cable 4pcs DC52V/ 3A Power supply 1pc Mouse 1pc	4MP PoE PT IP Camera 4pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 4pcs 25 Meters Network cable 4pcs DC52V/ 1.25A Power supply 1pc Mouse 1pc	4MP PoE Bullet IP Camera 8pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 4pcs 25 Meters Network cable 4pcs DC52V/ 3A Power supply 1pc Mouse 1pc	5MP PoE Bullet IP Camera 4pcs 4CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 2pcs 25 Meters Network cable 2pcs DC52V/ 1.25A Power supply 1pc Mouse 1pc	5MP POE Bullet IP Camera 4pcs 5MP PoE Dome IP Camera 4pcs 8CH 4K NVR 1PC 1.5m Network cable 15 Meters Netcable 4pcs 25 Meters Network cable 4pcs DC52V/ 3A Power supply 1pc Mouse 1pc
Camera Pixels	8MP 3840x 2160@25fps	8MP 3840x 2160@25fps	4MP 2560x 1440@20fps	4MP 2560x 1440@20fps	5MP 2592x 1904@20fps	5MP 2592x 1904@20fps
Camera Lens	3.6mm	3.6mm	3.6mm	3.6mm	3.6mm	3.6mm
Field of View	Horizontal FOV 89.3°, Vertical FOV 47.9°, Diagonal FOV 107°		3.6mm, Horizontal FOV 82.3° , Vertical FOV 44.7° , Diagonal FOV 97.4°		Horizontal FOV 89.3°, Vertical FOV 47.9°, Diagonal FOV 107°	
IR distance	Dual lights: Warm light 25m, Infrared 30m		Dual lights: Warm light 25m, Infrared 30m		Dual lights: Warm light 25m, Infrared 30m	
Day/Night	IR Cut filter with auto switch(Auto/Schedule)					
Camera Audio	Microphone and Speaker built in					
NVR Video input	4ch PoE IPC input	8ch PoE IPC input	4ch PoE IPC input	8ch, IEE 802.3af, 52V DC	4ch, IEE 802.3af, 52V DC	8ch, IEE 802.3af, 52V DC
Display	HDMI up to 4K output, VGA					
Decoding	H.265+/H.265/H.264					
Playback	1ch 8MP, 4ch 1080P					
HDD	1x 16TB HDD					
Monitoring	Mobile Application, IMS software, Browser					
Detection Mode	Human Detection, Motion Detection					
Recording Mode	Human detection recording, Motion-triggered Recording, Scheduled Recording, 24/7 Recording					
PoE Ports	4ch, IEE 802.3af	8ch, IEE 802.3af	4ch, IEE 802.3af	8ch, IEE 802.3af	4ch, IEE 802.3af	8ch, IEE 802.3af
USB port	2x USB 2.0					
Power Consumption	DC 52V/ 1.25A <10W	DC 52V/ 3A <15W	52V/ 1.25A <10W	52V/ 3A <15W	52V/ 1.25A <10W	52V/ 3A <15W
Protection	IP66	IP66	IP66	IP66	IP66	IP66
Working environment	-30°C ~ 60°C / 0 % -90 %					

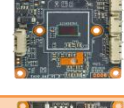
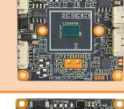
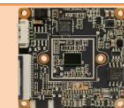


Original Network IP Camera and NVR Module Manufacturer

Ambarella IP Camera series
 Goke IP Camera series
 Hisilicon IP Camera series
 Ingenic IP Camera series
 Ingenic NVR series
 Rockchip NVR series
 Hisilicon NVR series
 OEM&ODM Customization

Network Camera PCB Board

Item	Resolution	Model	Chipset	Feature	Lens Support	Smart Features	TF Card slot/ Alarm/ Reset	P2P	Size	Picture	Note
1	2MP@25fps 4MP/3MP@20fps	GC10-31N-X50	Ingenic Galaycore	H.265+/H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice&light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V	Fix lens	Human Detection	/	/	38 x 38mm Single board		
2	2MP@25fps 4MP/3MP@20fps	GC20-31N-F34	Ingenic Galaycore		Fix lens	Human Detection	/	/	38 x 38mm Single board		
3	4MP/3MP@20fps 2MP@25fps Real 4MP	GC40-31N-Z54	Ingenic Galaycore		Fix lens	Human Detection	/	/	38 x 38mm Single board		
4	5MP@20fps 4MP/3MP/2MP@25fps	GC46-31X-Z55	Ingenic Galaycore		Fix lens	Human Detection	/	Yes	38 x 38mm Single board		
5	2MP@25fps 3MP@20fps	GC20-31N-Z42I	Ingenic Galaycore	H.265+/H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Support to connection extend function IO board	Fix lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38mm Single board		Support to connect extend function IO Board
6	2MP@25fps 3MP@20fps	SO37-31N-S37I	Ingenic Sony		Fix lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38mm Single board		
7	5MP@20fps 4MP/3MP/2MP@25fps	GC46-31X-Z55I	Ingenic Galaycore		Fix lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38mm Single board		
8	2MP@60fp Or 2MP@25fps WDR	SO37-40N-F62IF	Ingenic Sony		Fix lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38mm Dual board		
9	5MP/4MP/3MP/2MP@25fps WDR	SO35-40N-F55IF	Ingenic Sony		Fix lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38mm Dual board		
10	8MP@15fps 5MP/4MP/3MP/2MP@25fps	SC82-40N-T85I	Ingenic Sony		Fix lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38mm Dual board		
11	8MP@20fps 5MP/4MP/3MP/2MP@25fps WDR	SC34-40P-F88IF	Ingenic Sony		Fix lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38mm Dual board		

12	2MP@25fps 4MP/3MP@20fps	GC40-31N-Z42A	Ingenic Galaycore	H.265+/H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Built in Amplifier function	Fix lens	Human Detection	/	/	38 x 38mm Single board		Built in Amplifier on board
13	4MP/3MP@20fps 2MP@25fps Real 4MP	GC46-31X-Z54A	Ingenic Galaycore		Fix lens	Human Detection	/	/	38 x 38mm Single board		
14	5MP@20fps 4MP/3MP/2MP@25f ps	GC46-31X-Z55A	Ingenic Galaycore		Fix lens	Human Detection	/	Yes	38 x 38mm Single board		
15	5MP/4MP/3MP/2MP @25fps	GC56-41Q-T55A	Ingenic Galaycore		Fix lens	Human Detection	/	/	38 x 38mm Single board		
16	2MP@25fps 3MP@20fps	GC40-31N-Z42T	Ingenic Galaycore	H.265+/H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Built in TF Card Slot and Amplifier on board	Fix lens	Human Detection	Support TF Card slot		38 x 38mm Single board		Built in TF Card Slot and Amplifier on board
17	5MP@20fps 4MP/3MP/2MP@25f ps	GC46-31X-Z55T	Ingenic Galaycore		Fix lens	Human Detection	Support TF Card slot	Yes	38 x 38mm Single board		
Motorized lens IP Camera Board											
18	2MP@25fps 3MP@20fps	GC20-31N-Z42D	Ingenic Galaycore	H.265+/H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Support Motorized lens and Support to connect extend function IO board	Motorized lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38 mm Single board		Support Motorized lens and Support to connect extend function IO board
19	5MP@20fps 4MP/3MP/2MP @25fps	GC46-31X-Z55D	Ingenic Galaycore		Motorized lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38 mm Single board		
20	2MP@25fps 3MP@20fps	SO37-40N- F62DM	Ingenic Sony		Motorized lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38 mm Dual board		Support Motorized lens and Support to connect extend function IO board
21	5MP/4MP/3MP/2MP @25fps	SO35-40N- F55DM	Ingenic Sony		Motorized lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38 mm Dual board		Support Motorized lens and Support to connect extend function IO board
22	8MP@15fps 5MP/4MP/3MP@25f ps	SC82-40N-S85D	Ingenic Sony		Motorized lens	Human Detection	Support, only when connect with extra IO board	/	38 x 38 mm Dual board		Support Motorized lens and Support to connect extend function IO board

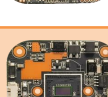
23	8MP@20fps 5MP/4MP/3MP/2MP @25fps WDR	SO34-40P- F88DM	Ingenic Sony	Support Motorized lens and Support to connect extend function IO board	Motorized lens	Human Detection	Support, only when connect with extra IO board	Yes	38 x 38 mm Dual board		Support Motorized lens and Support to connect extend function IO board
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Built in PoE Network Camera Board

Item	Resolution	Model	Chipset	Feature		Smart Features	TF Card slot/ Alarm/ Reset	P2P	Size	Picture	Note
24	2MP@25fps 4MP/3MP@20fps	GC40-31N- Z42AP	Ingenic Galaycore	H.265+/H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Built in PoE and Amplifier function on board		Human Detection	/	/	38 x 52.5mm Single board		Built in PoE and Amplifier function on board
25	4MP/3MP@20fps 2MP@25fps Real 4MP	GC46-31N- Z54AP	Ingenic Galaycore			Human Detection	/	/	38 x 52.5mm Single board		
26	5MP@20fps 4MP/3MP/2MP@25f ps	GC46-31X- Z55AP	Ingenic Galaycore			Human Detection	/	Yes	38 x 52.5mm Single board		
27	5MP/4MP/3MP/2MP @25fps	GC56-41Q- T55AP	Ingenic Galaycore			Human Detection	/	/	44 x 44mm Single board		

AI series IP Camera Board

28	4MP/3MP/2MP@25fp s	GC40-40L-VC20	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection) H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V	Fix lens	AI Smart	/	Yes	38 x 38mm Single board		
29	8MP/5MP/4MP/3MP/ 2MP@25fps	GC40-41N-VC80	Ingenic Galaycore		Fix lens	AI Smart	/	Yes	38 x 38mm Single board		
30	6MP/5MP/4MP/3MP/ 2MP@25fps WDR	GC56-41N-VC60	Ingenic Galaycore		Fix lens	AI Smart	/	Yes	38 x 38mm Single board		
31	8MP/5MP/4MP/3MP/ 2MP@25fps WDR	GC86-41N-VC88	Ingenic Galaycore		Fix lens	AI Smart	/	Yes	38 x 38mm Single board		

32	4MP/3MP/2MP@25fps	GC40-41N-FC80	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection)	Fix lens	AI Smart	Support, only when connect with extra IO board	Yes	40 x 40mm Single board		Support to connect extend function IO board Built in Amplifier
33	6MP/5MP/4MP/3MP/2MP@25fps WDR	GC56-41N-FC60	Ingenic Galaycore	H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V	Fix lens	AI Smart	Support, only when connect with extra IO board	Yes	40 x 40mm Single board		Support to connect extend function IO board Built in Amplifier
34	8MP/5MP/4MP/3MP/2MP@25fps WDR	GC86-41N-FC88	Ingenic Galaycore	Support to connect extend function IO board Built in Amplifier	Fix lens	AI Smart	Support, only when connect with extra IO board	Yes	40 x 40mm Single board		Support to connect extend function IO board Built in Amplifier
35	4MP/3MP/2MP@25fps	GC40-41N-MCM80	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection)	Motorized lens	AI Smart	Support, only when connect with extra IO board	Yes	40 x 40mm Single board		Support Motorized lens Support to connect extend function IO board Built in Amplifier
36	6MP/4MP/3MP/2MP@25fps WDR	GC56-41N-MCM60	Ingenic Galaycore	H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V	Motorized lens	AI Smart	Support, only when connect with extra IO board	Yes	40 x 40mm Single board		
37	8MP/5MP/4MP/3MP/2MP@25fps WDR	GC86-41N-MSM88	Ingenic Galaycore	Support Motorized lens Support to connect extend function IO board Built in Amplifier	Motorized lens	AI Smart	Support, only when connect with extra IO board	Yes	40 x 40mm Single board		
AI series POE IP Camera Board											
38	4MP/3MP/2MP@25fps	GC40-41Q-PSM20	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection) H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Built in PoE and Amplifier function on board	Fix lens	AI Smart	/	Yes	44 x 44mm Single board		Built in PoE and Amplifier function on board
39	8MP/5MP/4MP/3MP/2MP@25fps	GC40-41N-FSM80	Ingenic Galaycore		Fix lens	AI Smart	/	Yes	44 x 44mm Single board		
40	6MP/5MP/4MP/3MP/2MP@25fps WDR	GC56-41N-PSM60	Ingenic Galaycore		Fix lens	AI Smart	/	Yes	44 x 44mm Single board		
41	8MP/5MP/4MP/3MP/2MP@25fps WDR	GC56-41N-PSM88	Ingenic Galaycore		Fix lens	AI Smart	/	Yes	44 x 44mm Single board		

AI Black Light series IP Camera Board

42	4MP/3MP/2MP@25fps	GCS2-41N-B24AI	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection) H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Support to connect extend function IO board	Fix lens	AI Smart	/	Yes	38 x 38mm Single board		Support to connect extend function IO board
43	5MP/4MP/3MP/2MP@25fps	GCS4-41N-B45A	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection) H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V	Fix lens	AI Smart	/	Yes	40 x 40mm Single board		
44	5MP/4MP/3MP/2MP@25fps	GCS4-41N-B45AF	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection) H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V	Fix lens	AI Smart	/	Yes	40 x 40mm Single board		Support to connect extend function IO board
45	6MP/5MP/3MP/2MP@25fps	GCS6-41N-B66SF	Ingenic Galaycore	Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle illegal parking, Retrograde detection) H.265/H.264, Human detection, Support IR led, Warm light, Dual lights, Human detect trigger voice light alert, Area intrusion trigger voice & light alert, Support to connect amplifier board, Built in voice broadcast, with Audio in/output port, Onvif, Slink, Hikvision protocol, DC12V Support to connect extend function IO board	Fix lens	AI Smart	/	Yes	40 x 40mm Single board		Support to connect extend function IO board

Extend function IO board

46		S20		Extend interface: TF Card Slot (up on 512G)							
47		S24		Support AKWWIFI6, Bluetooth, TF Card Slot (512G), Reset							
48		S21		Extend interface: TF Card Slot (Max 512G), Reset, 1 CH alarm input and 2CH alarm output							
49		S22		Extend interface: TF Card Slot (Max 512G), Reset, 1CH alarm input and 2CH alarm output, WIFI							

NVR Board

Model	SE-B215M10-NO	SE-B215M16-NO	SE-B438K16-NO	SE-B438K36-XF	SE-BRK4K36-NA	SE-BRK4K64-BA	SE-BRK9K36-B	SE-BRK9K64-B	SE-BEMK64-HS
Images									
Video input	10 Channels	16 Channels	16 Channels	36 Channels	36 Channels	64 Channels	36 Channels	64 Channels	64 Channels
In/Out Bandwidth	80Mbps/ 40Mbps	80Mbps/ 40Mbps	80Mbps/ 40Mbps	80Mbps/ 40Mbps	512Mbps/ 256Mbps	400Mbps/ 200Mbps	512Mbps/ 256Mbps	400Mbps/ 200Mbps	800Mbps/400Mbps
Max. Decoding	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P	1ch 8MP, 4ch 1080P, 9ch D1	1ch 8MP, 4ch 1080P, 9ch D1	1ch 12MP, 4ch 8MP, 16ch 1080P	1ch 12MP, 4ch 8MP, 16ch 1080P	1ch 12MP, 4ch 8MP, 16ch 1080P	1ch 12MP, 4ch 8MP, 16ch 1080P	1ch 12MP, 4ch 8MP, 16ch 1080P
Recording resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.				12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.				
Display	1ch HDMI,4KP@30HZ, 1ch VGA, 1080P@60HZ								4ch HDMI
Max. HDD	1x 16TB		2x 16TB		4x 16TB		9x 16TB		
Raid	/								Support
eSATA	/						1ch	1ch	1ch
Alarm Input/Output	/	/	4ch Alarm in/2ch output		4ch Alarm input/4ch Alarm output		8ch Alarm input/4ch Alarm output		16ch in/8ch output
Audio	1ch Audio output/1ch output								
Network Storage	/						IPSAN	IPSAN	IPSAN
Smart Functions	Line Crossing, Area Invasion, Absent Detection, Human Loitering, Vehicle Illegal Parking, Vehicle Retrograde Detection Need front IP Camera supported								
ANR	Support, only work when IPC built in SD Card								
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPOE, UPNP, NTP, RTSP, RTMP, ONVIF, P2P, HTTP push								
Network Interface	1x 100M RJ45 Port		2x 1000M RJ45 Port		2x 1000M RJ45 Port		2x 1000M RJ45 Port	2x 1000M RJ45 Port	2x 1000M RJ45 Port
USB Port	2x USB 2.0		3x USB 2.0		3x USB 2.0		3x USB 2.0	3x USB 2.0	3x USB 2.0
PoE Ports	/						/	/	/
Power Supply	12 VDC/ 2A		12 VDC/ 3A		12 VDC/ 8A		100-240 VAC	100-240 VAC	100-240 VAC
Power Consumption	10W (Without HDD)		15W (Without HDD)		15W (Without HDD)		35W (Without HDD)	35W (Without HDD)	35W (Without HDD)
Operating Conditions	-10° C-55° C / 10%-90%								



Model	SE-VM1000-2U	SE-VM2000-2U
Picture		
Channel	1000	2000
HDD	9 (up to 16TB)	9 (up to 16TB)
Features	Embedded O/S VMS Video device management, Video forwarding and video storage. Support live view, playback, video group Two-way audio, PTZ control, GUI setting, system configuration etc., Support SecuMate Slink protocol, Onvif	Embedded O/S VMS Video device management, Video forwarding and video storage. Support live view, playback, video group Two-way audio, PTZ control, GUI setting, system configuration etc., Support SecuMate Slink protocol, Onvif
Memory	8GB	8GB
Recording Bandwidth	700Mbps	800Mbps
Forwarding Bandwidth	700Mbps	800Mbps
Decoding ability	Up to 128ch D1	Up to 128ch D1
Video Output	4x HDMI	4x HDMI
Audio I/O	1ch input/1ch output	1ch input/1ch output
Alarm I/O	16ch input/8ch output	16ch input/8ch output
RS485	1	1
Network Interface	2	2
USB	3x USB 2.0	3x USB 2.0
Esata Port	1	1

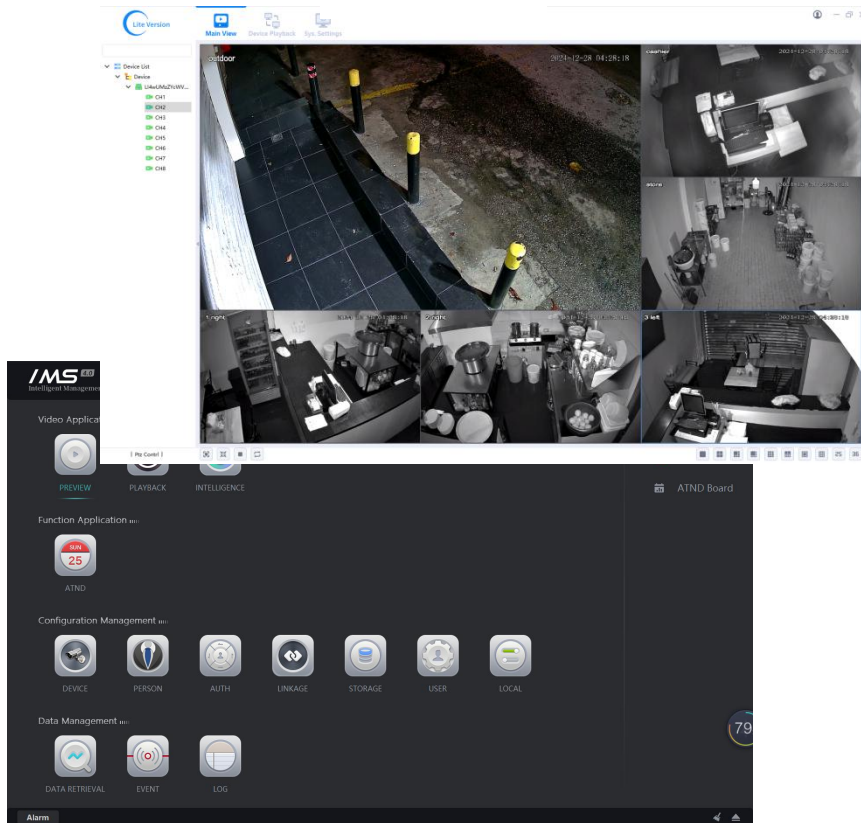
SecuMate®

Management Software

Being industry solutions-oriented, SecuMate is also dedicated to offering the customers the best complementary video surveillance software such as IMS, Mobile App.



Lite IMS



Pro IMS 4.0

SecuMate IMS

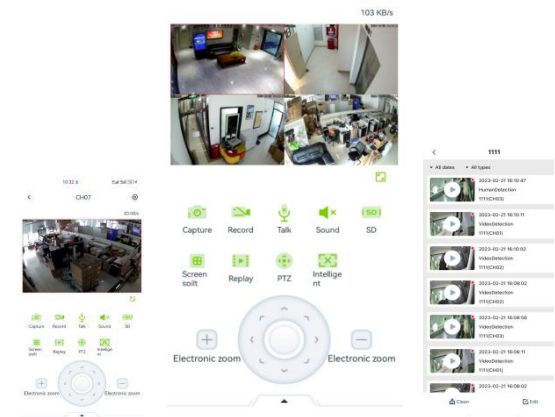
Pro IMS 4.0 and Lite IMS two version management software provide more options for customers, so it can be used for video management of different monitoring scales. Pro IMS 4.0 is professional video management software for business.

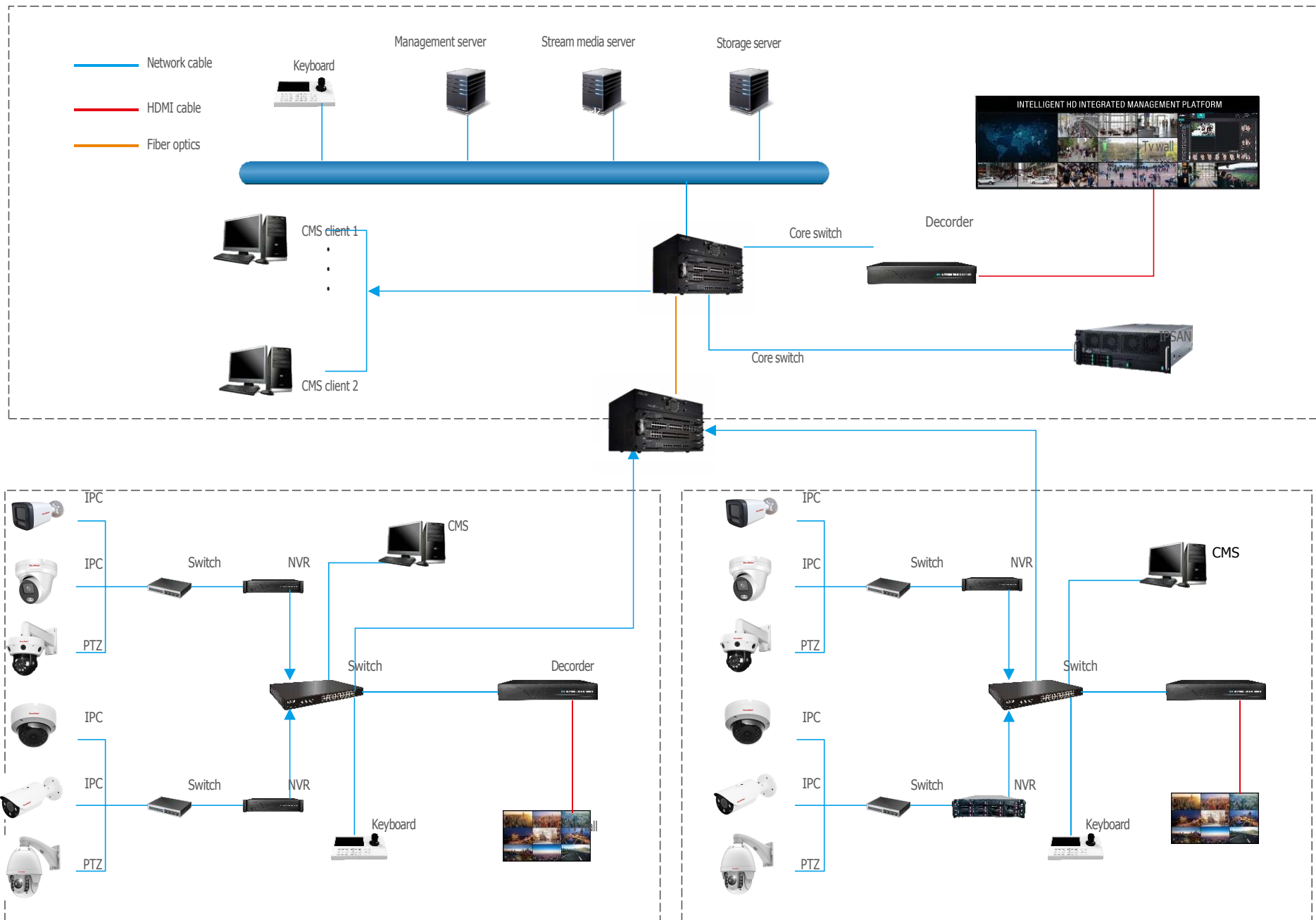
VMYCAM APP

VMYCAM is the mobile app software for SecuMate CCTV surveillance products.

It can realize real-time image preview, remote video playback, PTZ control, local image and video storage, alarm push information management and other functions for IP Camera, IP PTZ Camera, Face Recognition devices, Video servers over wireless network.

The Application supports WIFI, 3G/4G network connection, which is simple to register and convenient to use. When the device is connected to the Internet, it can be directly connected to the device through the QR code of the APP scanning device.





VIDEO SURVEILLANCE SYSTEM ARCHITECTURE

SecuMate Products Family

OEM & ODM Manufacturer



SecuMate®

Shenzhen SecuMate Technology Co.,Ltd

Address: Building 2, Long Bi Industrial Zone, Ban Tian, Longgang District, Shenzhen P. R. China

Tel: +86-755-2875 Fax: +86-755-28751163

Website: www.secumate.cn

Email: overseas@secumate.cn, cctv6@secumate.cn

