Tiandy

SMART IP SOLUTION

Super Starlight·Color Maker·Turbo AI·Early Warning

AK/Spark/Lite/Pro
Lite Star / Color Maker
Full / SMD / EW / Turbo AI
Panoramic / Thermal / Laser
PSE / N+M / Raid / Redundant

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ABOUT Tiandy   Vision For World

Founded in 1994, Tiandy Technologies is a eminent intelligent surveillance solution and service provider positioned in full color full time, ranking No.7 in the surveillance field. Tiandy integrates AI, big data, cloud computing, IoT and cameras into people-centric intelligent solutions. With more than 2,500 employees, Tiandy has over 60 branches and support centers at home and abroad.

With strong and highly-capable R&D team as the core of our company, we put forward the "Starlight" concept in 2015, which we applied into IPC to take sharp and colorful image in static scene of 0.002 Lux. Then we improved the "Super Starlight" cameras with exclusive TVP algorithm to capture image in the static scene of 0.0004 Lux in 2017 and then in the dynamic scene of 0.0004 Lux in 2018 when we completely launch the Star device line that consists IPC, PTZ and Panoramic series. Now, with user-friendly self-developed GUI, "Easy7" VMS and "EasyLive" mobile APP, we offer cost-efficient products and project-based products including 2MP to 16MP camera, 4X to 63X PTZ camera and 5ch to 320ch NVR, supporting milestone and patriot. Fortified by our advanced SMT production line and strict quality control system, we are able to provide 8 million pieces of IPCs with lower than 0.1% defect rate per year. With all these efforts, we are awarded national famous brand. Besides, we are certified CMMI5, draft 25 industrial standards, enjoy ONVIF full membership and acquire over 500 product design patents and software copyrights.

We pursue high-quality products and develop various industry solutions, ranging from intelligent neighbourhood, intelligent traffic system, intelligent education, financial system, to water resource engineering etc. Now, our customers are over 60 countries and our products and services are applied in over 500 smart cities as well as in Davos Forum, London Heathrow Airport and the World Cup in Brazil etc.. We focus on developing a reliable cooperation platform to our partners and promise our customers a safe smart life with the mission of "Vision for World". Whatever the requirements, Tiandy will always be able to find a way to meet your needs.

2023 WORLD SECURITY TOP50 BY A&S MAGAZINE

INTELLIGENT ENGINE
INTELLIGENT MANUFACTURING UPGRADE
——Tiandy intelligent security industrialization base

Intelligent manufacturing is a new engine for the transformation and upgrading of Tiandy Technologies Co., Ltd to improve quality and efficiency. In 2017, Tiandy built the largest intelligent security industry base in North China, and in the past five years, Tiandy has continued to improve the input of intelligent manufacturing, adding automated production lines every year to achieve a daily output of 20,000 units.

Tiandy closely adheres to the theme of "full quality", firmly controls every aspect of the product life cycle, and attaches the highest degree of attention on quality issues. Through quality awareness, quality control, quality system, to achieve quality assurance. Especially in the production and manufacturing process, Tiandy has established supplier factory inspection quality standards, moved quality management forward.

2017
- Newly adding two new high-speed production lines
- More than 12 million solder joints per day
- Newly adding automatic burning and writing production line

2019
- Newly adding automatic sub-plate, laser X-ray and other sets of production and testing equipment

2021
- A new high-speed production line was added, with an average of more than 19 million solder joints per day
- The fully automatic debugging station of new S3E camera was added, and the per capita production capacity was increased by 3 times
- Newly added semi-automated production line for servers, doubling the per capita production capacity

2018
- Newly adding one more high-speed production line
- More than 15 million solder joints per day

2020
- Bring in AGV automated handling
- A new fully automated line of bolts was added, with an average daily production capacity of 4,800 units per single line

IN 2022
- Newly added fully automated line of dome camera achieving an average daily production capacity of 4800 units per single line.

TECHNOLOGY HIGHLIGHTS

Color Maker
24 hours Full Color

Turbo AI
AI Popularizer
16 kinds of VCA

AEW
Auto-tracking
Early Warning

Super Starlight
Color: 0.0004Lux

TVP®
Transcendent Video
Processing

Plugin Free
No ActiveX

VMS
2,000 channels
management

Panoramic
Panoramic Camera
PTZ Camera

S+**265**
Save 90% Storage

Face Capture
High Capture
Accuracy Rate

Face Recognition
High Accuracy Full Solution

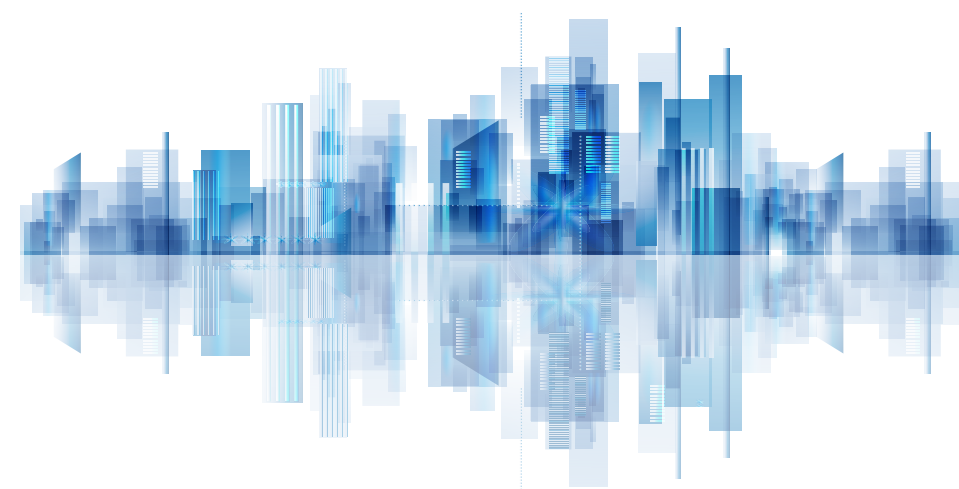**Human/Vehicle Classification**
Less False Alarm

COLOR MAKER

Combined with large aperture and large sensor, Tiandy Color Maker technology enables camera to obtain large amount of light in low light environment. Even at totally dark nights, cameras equipped with Color Maker technology can capture vivid color image and find more details in scenes with the help of warm lights illumination. Color Maker technology makes it possible for camera to achieve the goal of 24hr full-color.

TURBO AI

Tiandy dedicates itself to popularizing AI intelligent functions. Tiandy Pro series cameras, all of which are equipped with AI chipsets, support face capture mode and up to 16 kinds of VCA intelligent analysis. Part of them even go further and support human/vehicle classification function based on deep learning algorithm, which improves the detection accuracy and reduces false alarm rates. AI chipset not only tremendously energizes product detection ability, but also allows information processing accelerating.

EW
EARLY WARNING

Based on AI deep learning, EWarning is the combination of light warning and audio warning, achieving the effect of prevention, mid-way intervention and post-event investigation. It can precisely differentiate vehicle from people, and warn people or vehicle respectively, thus increasing the accuracy and availability of warning compared with traditional OpenCV.

SUPER STARLIGHT

Highly sensitive star-level sensor, in combination with time and space bilateral noise reduction technology, provides excellent image quality even in so low illumination as 0.0004 Lux without trailing.

DEVELOPMENT OF STARLIGHT

| Starlight | Super Starlight | Super Starlight2.0 | Super Starlight3.0 |

AK

Better performance	3D DNR, less image noise; 2 IR LEDs providing clearer night images;
Full functions	with built in mic, no additional cable costs;Easily to expand intelligent analysis;
Cost-efficiency	extreme design without reducing quality, fully automatic production lines ensure lower production cost; the price is lower than Analog, but profits are higher;
Easier installation	simplify the installation, full PoE solution, with one network cable for video, audio, and power supply;
Higher security	support front-end login encryption and privacy protection;

AK ANALOG KILLER

AK SERIES
Global Security Analog Product Killer

- Better performance
- Full functions
- Cost-efficiency
- Easier installation
- Security

Tiandy

POLAR DAY

Polar day series products can present 24 hour full color images. It can captures vivid color information even in low-light conditions. People are more sensitive to colorful image, Polar day is more in line with people's ideology and pursuit for color details of images.It is suitable for scenes that requires colorful images, but sensitive to light pollution, such as factories,parks,homes, residences, retail stores, and so on.From starlight to daylight, we are constantly improving on details and making breakthroughs in technology. 10 years 6 generations, leading the industry in video effects.
 -- Polar day series, full time, full scene, amazing imaging.

Phone   IR   Competitor   Polar Day

Phone   IR   Competitor   Polar Day

2015	Starlight Promotion(lens) 0.002Lux
2015	Super Starlight 1.0 Promotion(CMOS) 0.001Lux
2016	Super Starlight 2.0 Promotion (lens&CMOS) 0.0008Lux
2017	Super Starlight 3.0 full light path coat 0.0005Lux
2019	Super Starlight 4.0 Dual optical path design 0.0003Lux
2023	Super Starlight 5.0 VIPE&AI SIP 0.0001Lux

SMD

SMD series are based on deep learning and built-in human/vehicle classification algorithm, which can accurately classify human and vehicle targets and filter out other objects，such as small animals or moving objects, to avoid false alarms. Thus, it greatly improved the accuracy of detection. As the key product of the PRO series, SMD is standard equipped with intelligent functions to take safety precautions to a new level and is widely used in homes、factories、Warehouses、Shops、Parking and so on.

K2000

• 2,000 channels management
• Decode output for 2 screens
• Storage performance: 180channels
• 8 alarm input, 4 alarm output
• Onvif、Tiandy protocol
• Face model: access bandwidth 360M, forwarding bandwidth 400M;
• Surveillance model: access bandwidth 512 M, forwarding bandwidth 512 M;
• Built-in Easy7 CMS Function： Video Preview、Video Playback、Video Manage、Alarm Management、Electronic Map、Device Management(Middleware Serv、File Storage Server、File Adaptation Service、Map Service、NTP Timing Management、TV-Wall Layout、Encoding Device) Personnel Organization Structure、User Management、Role Management、Log Query.

5MP VIDEO STRUCTURE AI DUAL PTZ CAMERA

- Dual lens linkage capture
- 5MP bullet and 5MP speed dome
- Four warm lights, six IR LEDs array
- Dual speaker / Dual MIC
- Driven by deep learning algorithm

- 4T plus 1T powerful processing
- Face Capture
- Smart surveillance
- Face/Human Body/ Vehicle/Non-motor Vehicle Metadata
- Built-in GPS/BDS

Daul Vari-focal Lenses

PANORAMIC LASER PTZ

HIGHLIGHTS

- 180°panoramic view
- Up to 5520x2400@30fps
- Min. illumination Color: 0.0004Lux@F1.0
- Support region clipping
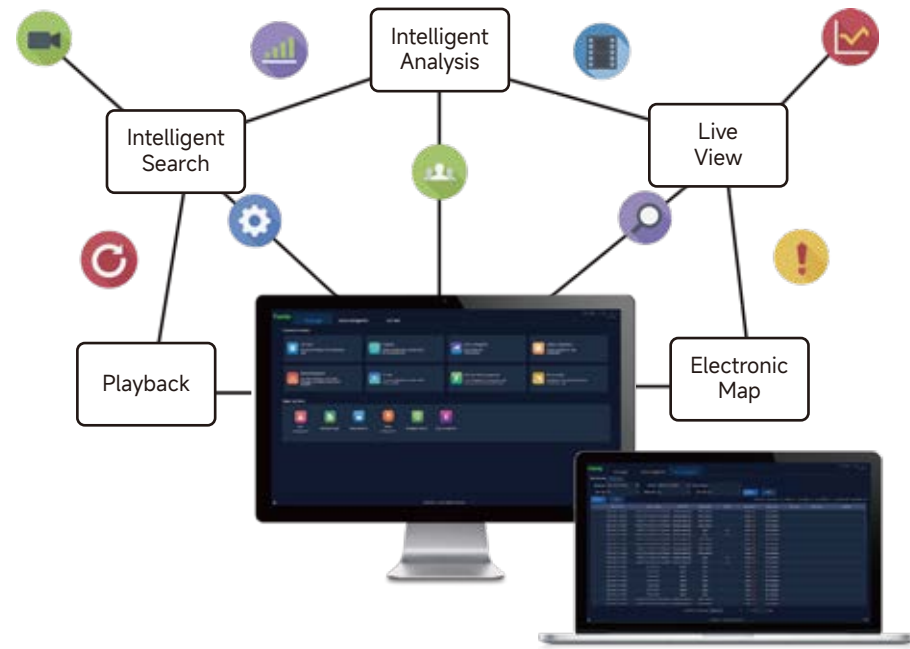- Support distortion correction

Long Distance 1Km
63X ultra optical zoom

Auto-tracking Early Warning
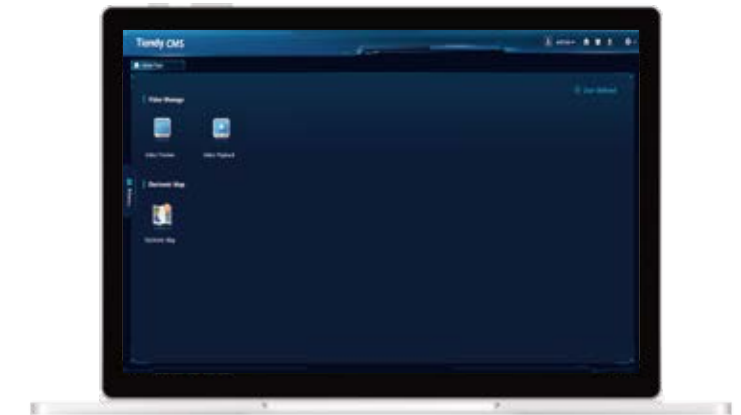Auto -wiper

EASY7 SMART CLIENT EXPRESS

Easy7 Smart Client Express Easy7 Smart Client Express is an independent video management software based on macOS (64bits) and Windows (64bits) Operation system for Tiandy IP cameras, PTZs, NVRs, decoders etc. Up to 512 channels can be connected to Easy7 Smart Client Express. It supports functions like preview, playback, alarm, two-way audio, PTZ control etc. and configuration like device management, user management, event etc.

Easy7 Smart Client provides multiple solutions like the people counting solution, fever detection solution, face recognition solution for small and medium scenarios with friendly using experience and intuitive data report.

OS Requirement	Win 7/10/11(64bits); macOS 10.12 or above
Supported Devices	IPC,NVR,PTZ,Decoder etc
Max. Connected Devices Chanel Number	512
Max. Windows Division Mode for Live View	132
Max. Windows Division Mode for Playback	4
Languages	17
Functions	Preview, Playback, Equipment Management, Alarm Configuration, Alarm Management, System Configuration, User Management, Data Statistics, Intelligent Search, Operation Logs

EASY7 CENTRAL MANAGEMENT SYSTEM

Easy7 Central Management System software (CMS) is the core part of the security surveillance platform, which is powerful, scalable and reliable. Easy7 CMS supports distributed deployment based on CentOS7.6 and is capable of managing up to 5,000 surveillance points.

It provides a wealth of functions such as Video Preview、Video Playback、Video Manage、Alarm Management、Electronic Map、Device Management（Middleware Serv、File Storage Server、File Adaptation Service、Map Service、NTP Timing Management、TV-Wall Layout、Encoding Device）Personnel Organization Structure、User Management、Role Management、Log Query. Easy7 CMS can be applied to medium and large surveillance solutions. Easy7 CMS can be easily managed via Chrome80+ and Edge107+ browser.

SUCCESSFUL CASES

HOSPITAL PROJECT IN THAILAND

Kalasin hospital is newly arranged in Thailand, designed to be a highly modernized hospital with many departments and staff. Tiandy offered Super Starlight solution, AI classification solution and applied Early warning technology to make sure the big hospital running under well-arranged conditions. Now Kalasin hospital is running properly with many patients and doctors go in or out of the hospital 24 hours each day, and most of the potential risks are well monitored and cleared up before it lead in any losses.

LUXURY RESIDENTIAL COMMUNITY IN TURKEY

Badur Bogazici Evleri project brings a fresh look on the construction field. The more upscale the residential zone is, the higher their requirements for safety are. Tiandy provided a very professional video surveillance system with images of good quality even at dark night, quickly responding to incidents and presenting a comprehensive coverage of the surroundings to ensure overall safety of the residents.

SUCCESSFUL CASES

A FAMOUS UNIVERSITY IN GYEONGBUK, SOUTH KOREA

At the end of 2020, a famous university in Gyeongbuk, South korea, selected Tiandy Thermal Camera & Tiandy NVR to be installed in the key entrances and exits of the university to prevent COVID-19. Tiandy products have been well received after being installed and debugged for the customer.

THE QUEENSLAND COAST IN AUSTRALIA

Tiandy Ultra Series PTZ was selected to protect one of the most exclusive homes in Queensland. With its analytic triggered audible and visual early warning system linked to Auto Tracking, this camera offered the perfect solution to protect the home owners and deter any early level of threat.

SUCCESSFUL CASES

RABATI CASTLE PROJECT IN GEORGIA

Georgia is now home to a DLB 5-90n/5-15n surveillance network. Tiandy video surveillance systems were installed without damaging the aesthetic beauty of the castle by using the wireless network devices to achieve stable transmission of video stream.

AL REEF VILLAS PROJECT IN UAE

Al Reef villas comprise over 2300 villas, over 1800 apartments in a mix of studios, a four star hotel and a retail area. Over 200pcs of Super Starlight cameras and 10 NVRs are installed around the whole community. The camera used at commercial area shows great stability and performance at all the night and day time. Tiandy will continue to provide integrated surveillance solution for this upcoming project.

SUCCESSFUL CASES

THE CITY OF PETRA IN JORDAN

Petra, originally known to its inhahitants as Stone city, is a historical and archaeological city in southern Jordan. In the entire tourism area of Petra city, 53 Tiandy PTZ cameras were installed. This link is a live image of Tiandy Super Starlight PTZ camera Ultra series model TC-NH62441AA-G. Camera was set up on the high point overlooking the Petra city, to make it possible for visitors from all over the world to see its view.

LUXURY HOTEL HOTEL IN EGYPT

More than 200 cameras are installed in this project. Products with very high performance, low investment and large returns ensure both operational safety and cost saving. Low illumination, voice speaking, white light, space-saving, intelligent analysis, 24 hour-working , all the functions are combined together to ensure the safety of customers' lives and property and to provide evidence when emergency occurs.

SUCCESSFUL CASES

VIALAND TEMA PARK PROJECT IN TURKEY

Vialand Tema Park project, it's a theme park in Turkey, Istanbul. There are rides for all ages and a shopping mall offering dining and entertainment options. This is our first large-scale playground project in Turkey. We have completed Vialand Mall project with our partners MSK Global and Exepix Technology.

CASTLE PROJECT IN KENYA

This is a particularly high-end private castle project in Kenya, with an overall selling price of more than $200,000, a building of more than ten floors, and an area of 10,000 square meters. Tiandy's security equipment was used in the project to protect the safety of the property personnel, which has considerable influence on the local residential market, helping to expand Tiandy's popularity in the new market and providing favorable case support for the bidding of the later project types.

SUCCESSFUL CASES

ISABELLA HIGH SCHOOL IN INDIA

With the utmost commitment to safety and security, Tiandy Technologies has partnered with the renowned Isabella School to ensure a secure learning environment for their students, staff, and visitors. Our state-of-the-art CCTV cameras are strategically positioned throughout the premises, offering comprehensive coverage and enhanced surveillance capabilities.
Tiandy Technologies aims to provide peace of mind to the school community by creating a secure and secure environment for everyone.

KINDERGARTENS IN KOREA

In Korea, parents need to work, and children are sent to kindergartens from a young age, so there are many kindergartens in the area. With the increasing number of students, more and more kindergartens need to be monitored intelligently. Through local distributors, Tiandy provides comprehensive video solutions for local kindergartens. Under the strong illumination lighting environment, Tiandy's camera effect is better than the competitor's products, solving the problem of horizontal lines on the screen and getting customer satisfaction.

AK

AK

AK

AK series products are major breakthrough in surveillance field, including bullet, turret and NVR. AK not only has the advantages of analog HD that can fast display images without debugging, but also has 5 key advantages:better performance;full function;cost-efficiency;easier installation;higher security. It can easily achieve audio and video transmission, and has a good performance in noise reduction. Although the price of AK series is lower than analog, AK series can provide better image effcet and bringing higher visual experience. In addition, the pure POE networking design is faster and more suitable for applications and brings better user experience.

Model	TC-C321N Spec:I3/E/Y/2.8mm/V2.0 TC-C321N Spec:I3/E/Y/4mm/V2.0	TC-C321N Spec:I3/E/Y/2.8mm TC-C321N Spec:I3/E/Y/4mm	TC-C320N Spec:I3/E/Y/2.8mm/V2.0	TC-C320N Spec:I3/E/Y/2.8mm
Image Sensor	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps
Min. Illumination	Color:0.04Lux@(F2.2,AGC ON),B/W:0Lux with IR	Color:0.04Lux@(F2.2,AGC ON),B/W:0Lux with IR	Color:0.04Lux@(F2.2,AGC ON),B/W:0Lux with IR	Color:0.04Lux@(F2.2,AGC ON),B/W:0Lux with IR
Focal Length	2.8/4mm	2.8/4mm	2.8mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	DWDR	DWDR	DWDR	DWDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	N/A	N/A	N/A	N/A
Video Analytics	N/A	N/A	N/A	N/A
Audio I/O	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A
On-board storage	N/A	N/A	N/A	N/A
Reset Button	N/A	N/A	N/A	N/A
System Compatibility	ONVIF Profile S/T	ONVIF Profile S/T	ONVIF Profile S/T	ONVIF Profile S/T
IR LEDs	2	2	1	2
IR Distance	30m	30m	30m	30m
Whitelight Distance	N/A	N/A	N/A	N/A
Power Supply	POE 802.3af;MAX 3W	POE 802.3af;MAX 6W	POE 802.3af;MAX 2.5W	POE 802.3af;MAX 6W
Protection	IP67	IP67	N/A	N/A
Operating Temperature	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃
Material	Plastic	Metal+plastic	Plastic	Metal+plastic

AK

SPARK

Model		
	TC-R3104 Spec: I/B/P4/C/Eu/L/S	TC-R3108 Spec: I/B/P8/C/Eu/L/S
Video Input	4-ch	8-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	60Mbps/40Mbps	60Mbps/40Mbps
Recording Resolution	5MP/4MP/3MP/1080P/UXGA/720P/VGA/ 4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding	1×5MP, 1×4MP, 1×3MP 2×1080P, 4×720P	1×6MP, 1×5MP, 1×4MP, 1×3MP 4×1080P, 8×720P
HDD (SATA)	1 HDD	1 HDD
RAID	N/A	N/A
POE	4×RJ45 self-adaptive 10/100 Mbps network interfaces	8×RJ45 self-adaptive 10/100 Mbps network interfaces
PoE Budget	48W	65W
Audio Input	N/A	N/A
Audio Output	N/A	N/A
Alarm I/O	N/A	N/A
HDMI	1	1
VCA	N/A	N/A
Network Interface	1×RJ45 self-adaptive 10/100 Mbps network interface	1xRJ45 self-adaptive 10/100 Mbps network interface
Power supply	DC48V, <10W (without HDD)	DC48V, <10W (without HDD)
Working temperature	-10℃~55℃, 10%~90% RH	-10℃~55℃, 10%~90% RH
Case Size	1U	1U

SPARK

Spark series are entry-level production line, including IR and Omni products. All of them are absolutely cost-effective. With S+265 encoding technology, Spark series has efficient video encoding capacity which can save bandwidth and storage space. Equipped with dual lenses, Omni only need one integrated bracket, getting Wall &Pendant mounting two-in-one，which is widely used for scenes that require for two cameras.

SPARK

SPARK

Model					
	TC-C32QN Spec:I3/E/Y/2.8mm/V5.1 TC-C32QN Spec:I3/E/Y/4mm/V5.1	TC-C32XN Spec:I3/E/Y/2.8mm/V5.1	TC-C34QN Spec:I3/E/Y/2.8mm/V5.0 TC-C34QN Spec:I3/E/Y/4mm/V5.0	TC-C34XN Spec:I3/E/Y/2.8mm/V5.0	TC-C32RN Spec:I5/E/Y/QX/2.8mm/V4.2 TC-C32RN Spec:I5/E/Y/QX/4mm/V4.2
Image Sensor	1/2.9"CMOS	1/2.9"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	2560x1440@20fps	2560x1440@20fps	1920x1080@30fps
Min. Illumination	Color:0.02Lux@(F2.0,AGC ON) B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON) B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON) B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON) B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON) B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm	2.8mm/4mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;IP Address Conflict	Motion Detection;IP Address Conflict	Motion Detection;IP Address Conflict	Motion Detection;IP Address Conflict	Motion Detection;IP Address Conflict
Video Analytics	N/A	N/A	N/A	N/A	N/A
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	N/A	N/A	N/A	N/A	N/A
Reset Button	N/A	N/A	N/A	N/A	N/A
System Compatibility	ONVIF Profile S/T; CGI; Milstone	ONVIF Profile S/T; CGI; Milstone	ONVIF Profile S/T;CGI;Milstone	ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G); ONVIF Profile S/T;CGI;Milstone
IR LEDs	2	2	2	2	12
IR Distance	30m	30m	30m	30m	50m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	POE 802.3af,MAX 6W	POE 802.3af,MAX 6W	POE 802.3af,MAX 6W	POE 802.3af,MAX 6W	DC12V±25%,MAX 7.5W;POE 802.3af,MAX 8.5W
Protection	IP67	N/A	IP67	N/A	IP67
Operating Temperature	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Plastic

Model			
	TC-R3105 Spec:I/B/L/S	TC-R3105 Spec:I/B/P4/L/S	TC-R3110 Spec:I/B/P8/L/S
Video Input	5-ch	5-ch	10-ch
Decoding Format	S+265;H.265;S+264;H.264	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	60Mbps/40Mbps	60Mbps/40Mbps	60Mbps/40Mbps
Recording Resolution	5MP/4MP/3MP/1080P/UXGA/720P/VGA/ 4CIF/DCIF/2CIF/CIF/QCIF	5MP/4MP/3MP/1080P/UXGA/720P/VGA/ 4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/ 4CIF/DCIF/2CIF/CIF/QCIF
Decoding	1x5MP,1x4MP,1x3MP,2x1080P,5x720P,5x4CIF	1×5MP, 1×4MP, 1×3MP, 2×1080P, 5×4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 5×720P, 5×4CIF
HDD (SATA)	1HDD	1 HDD	1 HDD
RAID	N/A	N/A	N/A
POE	N/A	4×RJ45 self-adaptive 10/100 Mbps network interfaces	8×RJ45 self-adaptive 10/100 Mbps network interfaces
PoE Budget	N/A	45W	70W
Audio Input	N/A	N/A	N/A
Audio Output	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A
HDMI/VGA	1/0	1/0	1/0
VCA	Advanced Intelligence	Motion Detection	Motion Detection
Network Interface	1*RJ-45,10/100 Mbps self-adaptive Ethernet port	1×RJ45 self-adaptive 10/100 Mbps network interface	1xRJ45 self-adaptive 10/100 Mbps network interface
Power supply	DC12V, <10W(without HDD)	DC48V, ＜20W (without HDD)	DC48V, ＜20W (without HDD)
Working temperature	-10℃-+45℃, 10%-90%RH	-10℃-55℃, 10%-95% RH	-10℃-55℃, 10%-95% RH
Case Size	1U	1U	1U

IPC
Super Lite

SuperLite line as primary products line is cost-effective and easy-to-install which can be applied to retail stores, warehouses,parking lots and parks, etc.SuperLite series provides built-in mic and entry-level intelligent experience. Now fixed cameras with resolution from 2MP to 4MP are available for customers.

Model	TC-C32GN Spec:I5/E/Y/C/2.8mm/V4.2 TC-C32GN Spec:I5/E/Y/C/4mm/V4.2	TC-C32HN Spec:I3/E/Y/C/2.8mm/V4.2	TC-C32KN Spec:I3/E/Y/C/2.8mm/V4.3	TC-C34GN Spec:I5/E/Y/C/2.8mm/V4.2 TC-C34GN Spec:I5/E/Y/C/4mm/V4.2	TC-C34HN Spec:I3/E/Y/C/2.8mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	2688x1520@25fps	2688x1520@25fps
Min. Illumination	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON), B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm; IP Address Conflict	Motion Detection;Mask Alarm; IP Address Conflict	Motion Detection;Mask Alarm; IP Address Conflict	Motion Detection;Mask Alarm; IP Address Conflict	Motion Detection;Mask Alarm; IP Address Conflict
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	N/A	N/A	N/A	N/A	N/A
Reset Button	N/A	N/A	Yes(built-in)	N/A	N/A
System Compatibility	P2P(Mutually exclusive with Profile G); ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G); ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G); ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G); ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G); ONVIF Profile S/T;CGI;Milstone
IR LEDs	2	2	8	2	2
IR Distance	50m	30m	30m	50m	30m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	POE 802.3af,MAX 7W	POE 802.3af,MAX 7W	DC12V±25%,MAX 4.5W;POE 802.3af,MAX 5W	POE 802.3af,MAX 7W	POE 802.3af,MAX 6W
Protection	IP67	IP66	IP66	IP67	IP66
Operating Temperature	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃
Material	Metal+plastic	Metal+plastic	Plastic	Metal+plastic	Metal+plastic

Model	TC-C34KN Spec:I3/E/Y/C/2.8mm/V4.3	TC-C32UN Spec:I8/A/E/Y/2.8-12mm/V4.2	TC-C32KN Spec:I3/A/E/Y/2.8-12mm/V4.2	TC-C34UN Spec:I8/A/E/Y/2.8-12mm/V4.2	TC-C34KN Spec:I3/A/E/Y/2.8-12mm/V4.2
Image Sensor	1/2.9"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.9"CMOS	1/2.9"CMOS
Max. Resolution	2688x1520@25fps	1920x1080@30fps	1920x1080@30fps	2688x1520@25fps	2688x1520@25fps
Min. Illumination	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8-12mm	2.8-12mm	2.8-12mm	2.8-12mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	DWDR	DWDR	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Tripwire;Perimeter	N/A	N/A	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	N/A	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes(built-in)	Yes(built-in)	Yes(built-in)	Yes(built-in)
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	8	4	4	4	4
IR Distance	30m	80m	30m	80m	30m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 5W; POE 802.3af,MAX 5.5W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W
Protection	IP66	IP67	IP66	IP67	IP66
Operating Temperature	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃
Material	Plastic	Metal+plastic	Plastic	Metal+plastic	Plastic

Model	TC-C32GS Spec:I5/E/Y/C/SD/2.8mm/V4.2 TC-C32GS Spec:I5/E/Y/C/SD/4mm/V4.2	TC-C32HS Spec:I3/E/Y/C/SD/2.8mm/V4.2	TC-C32KS Spec:I3/E/Y/C/SD/2.8mm/V4.2	TC-C34GS Spec:I5/E/Y/C/SD/2.8mm/V4.2 TC-C34GS Spec:I5/E/Y/C/SD/4mm/V4.2	TC-C34HS Spec:I3/E/Y/C/SD/2.8mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	2688x1520@25fps	2688x1520@25fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	120dB	DWDR	DWDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes(built-in)	Yes(built-in)	Yes(built-in)	Yes(built-in)
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	2	2	8	2	2
IR Distance	50m	30m	30m	50m	30m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	POE 802.3af,MAX 7W	POE 802.3af,MAX 7W	POE 802.3af,MAX 6W	POE 802.3af,MAX 7W	POE 802.3af,MAX 7W
Protection	IP67	IP66	IP66;IK10	IP67	IP66
Operating Temperature	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic

IPC SUPERLITE

Model	TC-C34KS Spec:I3/E/Y/C/SD/2.8mm/V4.2	TC-C32QN Spec:I5W/E/Y/2.8mm/V4.2 TC-C32QN Spec:I5W/E/Y/4mm/V4.2	TC-C32XN Spec:I3W/E/Y/2.8mm/V4.2	TC-C34QN Spec:I5W/E/Y/2.8mm/V4.2 TC-C34QN Spec:I5W/E/Y/4mm/V4.2	TC-C34XN Spec:I3W/E/Y/2.8mm/V4.2
Image Sensor	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.9"CMOS	1/2.9"CMOS
Max. Resolution	2688x1520@25fps	1920x1080@30fps	1920x1080@30fps	2688x1520@25fps	2688x1520@25fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	DWDR	DWDR	DWDR	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;IP Address Conflict	Motion Detection;Mask Alarm;IP Address Conflict	Motion Detection;Mask Alarm;IP Address Conflict	Motion Detection;Mask Alarm;IP Address Conflict
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	N/A	N/A	N/A	N/A
Reset Button	Yes(built-in)	N/A	N/A	N/A	N/A
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T;CGI;Milstone
IR LEDs	8	2	2	2	2
IR Distance	30m	50m	30m	50m	30m
Whitelight Distance	N/A	15m	15m	15m	15m
Power Supply	POE 802.3af,MAX 6W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6.5W; POE 802.3af,MAX 7W
Protection	IP66;IK10	IP67	N/A	IP67	N/A
Operating Temperature	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃	-30℃-60℃
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic

IPC SUPERLITE

Model	TC-H332N Spec:I2W/WIFI/4mm/V4.1	TC-H333N Spec:I5W/C/WIFI/4mm/V4.2	TC-H334S Spec:I5W/C/WIFI/4mm/V4.1	TC-C32WN Spec:I5/Y/WIFI/4mm/V4.1	TC-C32KN Spec:I3/Y/WIFI/2.8mm/V4.1
Image Sensor	1/2.8"CMOS	1/2.9"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2304x1296@20fps	2304x1296@20fps	2304x1296@25fps	1920x1080@30fps	1920x1080@30fps
Min. Illumination	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR
Focal Length	4mm	4mm	4mm	4mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Disk Full;Disk R/W Error;IP Address Conflict	Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Auto-Tracking	Auto-Tracking	Auto-Tracking	N/A	N/A
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes	Yes	Yes	Yes(built-in)
System Compatibility	ONVIF Profile S/T/G;CGI;Milstone	ONVIF Profile S/T/G;CGI;Milstone	ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	4	6	2	2	8
IR Distance	15m	50m	50m	50m	30m
Whitelight Distance	15m	15m	15m	N/A	N/A
Power Supply	DC12V±25%,MAX 6W;	DC12V±25%,MAX 12W	DC12V±25%,MAX 12W;	DC12V±25%,MAX 6W;	DC12V±25%,MAX 6W;
Protection	N/A	IP66	IP66	IP67	IP66;IK10
Operating Temperature	-10℃-45℃	-30℃-60℃	-30℃-60℃	-40℃-65℃	-40℃-65℃
Material	Plastic	Plastic	Metal+plastic	Metal+plastic	Metal+plastic

IPC LITE

IPC Lite

Lite line as primary products line is cost-effective and easy-to-install, which can be applied to retail stores, warehouses, parking lots and parks, etc. Lite series provides value-added interfaces, such as built-in mic, SD card slot and reset button in hardware, supports two most frequntly used VCA functions, tripwire and perimeter. Lite series provides entry-level intelligent experience. Now fixed cameras with resolution from 2MP to 8MP and motorized cameras with 2MP and 5MP are available for customers. In addition to starlight and super starlight cameras, newly released Color Maker cameras offer a 24 hours full color image.

IPC LITE

Model	TC-C32WN Spec:I5/E/Y/2.8mm/V4.1 TC-C32WN Spec:I5/E/Y/4mm/V4.1	TC-C32WN Spec:I5/E/Y/M/2.8mm/V4.1 TC-C32WN Spec:I5/E/Y/M/4mm/V4.1	TC-C32XN Spec:I3/E/Y/2.8mm/V4.1	TC-C32XN Spec:I3/E/Y/M/2.8mm/V4.1	TC-C32KN Spec:I3/E/Y/2.8mm/V4.1
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps
Min. Illumination	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON), B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm/4mm	2.8mm	2.8mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes	Yes(built-in)	Yes(built-in)	Yes(built-in)
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	2	2	2	2	8
IR Distance	50m	50m	30m	30m	30m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 6W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6W; POE 802.3af,MAX 7W	DC12V±25%,MAX 6W; POE 802.3af,MAX 7W
Protection	IP67	IP67	IP66	IP66	IP66;IK10
Operating Temperature	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃
Material	Metal+plastic	Metal	Metal+plastic	Metal	Metal+plastic

IPC LITE

Model	TC-C32WP Spec:I5W/E/Y/2.8mm/V4.2 TC-C32WP Spec:I5W/E/Y/4mm/V4.2	TC-C32WP Spec:I5W/E/Y/M/2.8mm/V4.2 TC-C32WP Spec:I5W/E/Y/M/4mm/V4.2	TC-C3ZXP Spec:I3W/E/Y/2.8mm/V4.2	TC-C32XP Spec:I3W/E/Y/M/2.8mm/V4.2	TC-C34WS Spec:I5W/E/Y/2.8mm/V4.2 TC-C34WS Spec:I5W/E/Y/4mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	2592x1520@25fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes	Yes(built-in)	Yes(built-in)	Yes
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	2	2	2	2	2
IR Distance	50m	50m	30m	30m	50m
Whitelight Distance	15m	15m	15m	15m	15m
Power Supply	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W
Protection	IP67	IP67	IP66	IP66	IP67
Operating Temperature	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃
Material	Metal+plastic	Metal	Metal+plastic	Metal	Metal+plastic

IPC LITE

Model	TC-C34WS Spec:I5W/E/Y/M/2.8mm/V4.2 TC-C34WS Spec:I5W/E/Y/M/4mm/V4.2	TC-C34XS Spec:I3W/E/Y/2.8mm/V4.2	TC-C34XS Spec:I3W/E/Y/M/2.8mm/V4.2	TC-C34WP Spec:W/E/Y/2.8mm/V4.0 TC-C34WP Spec:W/E/Y/4mm/V4.0	TC-C34XP Spec:W/E/Y/2.8mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2592x1520@25fps	2592x1520@25fps	2592x1520@25fps	2592x1520@25fps	2592x1520@25fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.0004Lux@(F1.0,AGC ON),B/W:0Lux with IR	Color:0.0004Lux@(F1.0,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes(built-in)	Yes(built-in)	Yes	Yes(built-in)
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	2	2	2	N/A	N/A
IR Distance	50m	30m	30m	N/A	N/A
Whitelight Distance	15m	15m	15m	15m	15m
Power Supply	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W
Protection	IP67	IP66	IP66	IP67	IP66
Operating Temperature	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃
Material	Metal	Metal+plastic	Metal	Metal+plastic	Metal+plastic

IPC LITE

Model	TC-C34UV Spec:W/E/Y/M/S/4mm	TC-C35WS Spec:I5/E/Y/2.8mm/V4.0 TC-C35WS Spec:I5/E/Y/4mm/V4.0	TC-C35WS Spec:I5/E/Y/M/2.8mm/V4.0 TC-C35WS Spec:I5/E/Y/M/4mm/V4.0	TC-C35XS Spec:I3/E/Y/2.8mm/V4.0	TC-C35XS Spec:I3/E/Y/M/2.8mm/V4.0
Image Sensor	1/1.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2688x1520@30fps	2592x1944@20fps	2592x1944@20fps	2592x1944@20fps	2592x1944@20fps
Min. Illumination	Color:0.0001Lux@(F1.0,AGC ON)	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	4mm	2.8mm/4mm	2.8mm/4mm	2.8mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Human/Vehicle Classification;Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes	Yes	Yes(built-in)	Yes(built-in)
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	N/A	2	2	2	2
IR Distance	N/A	50m	50m	30m	30m
Whitelight Distance	15m	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 8.5W;POE 802.3af,MAX 9.5W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W
Protection	IP67	IP67	IP67	IP66	IP66
Operating Temperature	-40°C-65°C	-40°C-65°C	-40°C-65°C	-40°C-65°C	-40°C-65°C
Material	Metal	Metal+plastic	Metal	Metal+plastic	Metal

Model	TC-C35KS Spec:I3/E/Y/2.8mm/V4.0	TC-C38WS Spec:I5/E/Y/M/2.8mm/V4.0 TC-C38WS Spec:I5/E/Y/M/4mm/V4.0	TC-C38XS Spec:I3/E/Y/M/2.8mm/V4.0	TC-C38KS Spec:I3/E/Y/2.8mm/V4.0	TC-C35WS Spec:I5/E/Y/C/H/2.8mm/V4.0 TC-C35WS Spec:I5/E/Y/C/H/4mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2592x1944@20fps	2592x1944@20fps	3840x2160@20fps	3840x2160@20fps	2592x1944@20fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	1channel in;1channel out
Alarm I/O	N/A	N/A	N/A	N/A	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes(built-in)	N/A	Yes(built-in)	Yes
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	ONVIF Profile S/T/G;CGI;Milstone;RTMP	ONVIF Profile S/T/G;CGI;Milstone;RTMP	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	8	8	2	8	2
IR Distance	30m	30m	30m	30m	50m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8.5W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7.5W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 7W
Protection	IP66;IK10	IP66	IP66	IP66;IK10	IP67
Operating Temperature	-40°C-65°C	-40°C-65°C	-40°C-65°C	-40°C-65°C	-40°C-65°C
Material	Metal+plastic	Metal	Metal	Metal+plastic	Metal+plastic

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Model	TC-C35XS Spec:I3/E/Y/C/H/2.8mm/V4.0	TC-C35KS Spec:I3/E/Y/C/H/2.8mm/V4.0	TC-C32UN Spec:I8/A/E/Y/M/2.8-12mm/V4.0	TC-C32SN Spec:I3/A/E/Y/M/2.8-12mm/V4.0	TC-C32MN Spec:I3/A/E/Y/M/2.8-12mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2592x1944@20fps	2592x1944@20fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm	2.8-12mm	2.8-12mm	2.8-12mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	DWDR	DWDR	DWDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	1channel in;1channel out	1channel in;1channel out	N/A	N/A	N/A
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes(built-in)	Yes	Yes	Yes(built-in)
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	2	8	4	2	18
IR Distance	30m	30m	80m	30m	30m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 7W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7W	DC12V±25%,MAX 8W;POE 802.3af,MAX 9W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W
Protection	IP66	IP66;IK10	IP67	IP66	IP66;IK10
Operating Temperature	-40℃-65℃	-40℃-65℃	-35℃-65℃	-35℃-65℃	-35℃-65℃
Material	Metal+plastic	Metal+plastic	Metal	Metal	Metal

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Model	TC-C35US Spec:I8/A/E/Y/M/2.8-12mm/V4.0	TC-C35SS Spec:I3/A/E/Y/M/2.8-12mm/V4.0	TC-C35MS Spec:I3/A/E/Y/M/2.8-12mm/V4.0	TC-C32US Spec:I8/A/E/Y/M/C/H/2.7-13.5mm/V4.0	TC-C32SS Spec:I3/A/E/Y/M/C/H/2.7-13.5mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2592x1944@20fps	2592x1944@20fps	2592x1944@20fps	1920x1080@30fps	1920x1080@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8-12mm	2.8-12mm	2.8-12mm	2.7-13.5mm	2.7-13.5mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	1channel in;1channel out	1channel in;1channel out
Alarm I/O	N/A	N/A	N/A	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes	Yes(built-in)	Yes	Yes
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	4	2	18	4	2
IR Distance	80m	30m	30m	80m	30m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 8W;POE 802.3af,MAX 9W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 8W;POE 802.3af,MAX 9W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W
Protection	IP67	IP66	IP66;IK10	IP67	IP66
Operating Temperature	-35℃-65℃	-35℃-65℃	-35℃-65℃	-35℃-65℃	-35℃-65℃
Material	Metal	Metal	Metal	Metal	Metal

IPC LITE

Model	TC-C32MS Spec:I3/A/E/Y/M/C/H/2.7-13.5mm/V4.0	TC-C35US Spec:I8/A/E/Y/M/C/H/2.7-13.5mm/V4.0	TC-C35SS Spec:I3/A/E/Y/M/C/H/2.7-13.5mm/V4.0	TC-C35MS Spec:I3/A/E/Y/M/C/H/2.7-13.5mm/V4.0	TC-C35VN Spec:I3/E/Y/1.4mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS
Max. Resolution	1920x1080@30fps	2592x1944@20fps	2592x1944@20fps	2592x1944@20fps	2592x1944@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR
Focal Length	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	1.4mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
WDR	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error; IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter	Tripwire;Perimeter;Heatmap
Audio I/O	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes	Yes	Yes(built-in)	Yes
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	ONVIF Profile S/T/G;CGI;Milstone;RTMP
IR LEDs	18	4	2	18	3
IR Distance	30m	80m	30m	30m	30m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 8W;POE 802.3af,MAX 9W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 8.5W;POE 802.3at,MAX 9.5W
Protection	IP66;IK10	IP67	IP66	IP66;IK10	N/A
Operating Temperature	-35℃-65℃	-35℃-65℃	-35℃-65℃	-35℃-65℃	-10℃-50℃
Material	Metal+plastic	Metal	Metal	Metal+plastic	Metal+plastic

Model	TC-C32WS Spec:I5W/E/Y/S/2.8mm/V5.0 TC-C32WS Spec:I5W/E/Y/S/4mm/V5.0	TC-C32XS Spec:I5W/E/Y/S/4mm/V5.0	TC-C32KS Spec:I3/E/Y/S/2.8mm/V5.1	TC-C35WS Spec:I5W/E/Y/S/2.8mm/V5.0 TC-C35WS Spec:I5W/E/Y/S/4mm/V5.0	TC-C35XS Spec:I3W/E/Y/S/2.8mm/V5.0	TC-C35KS Spec:I3/E/Y/S/2.8mm/V5.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	2880x1620@30fps	2880x1620@30fps	2880x1620@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm	2.8mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H	S+265/H.265/H.264B/H.264M/H.264H
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict	Motion Detection;Mask Alarm;Disk Full;Disk R/W Error;IP Address Conflict
Video Analytics	Human/Vehicle Classification;Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter
Audio I/O	N/A	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes(built-in)	Yes(built-in)	Yes	Yes(built-in)	Yes(built-in)
System Compatibility	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone	P2P(Mutually exclusive with Profile G);ONVIF Profile S/T/G;CGI;Milstone
IR LEDs	2	2	8	2	2	8
IR Distance	50m	30m	30m	50m	30m	30m
Whitelight Distance	15m	15m	N/A	15m	15m	N/A
Power Supply	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 7W	DC12V±25%,MAX 4W;POE 802.3af,MAX 5W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 7W	DC12V±25%,MAX 7W;POE 802.3af,MAX 7.5W	DC12V±25%,MAX 4.5W;POE 802.3af,MAX 5W	DC12V±25%,MAX 7W;POE 802.3af,MAX 7.5W
Protection	IP67	IP66	IP66;IK10	IP67	IP66	IP66;IK10
Operating Temperature	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃	-40℃-65℃
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic

IPC LITE

IPC Pro

Pro Line, as the prime product line of Tiandy, features Starlight/Super Starlight, face capture, advanced intelligent analytics, multi-interface, plugin free and can be applied to small and medium business and various industry projects. 2MP/4MP/5MP/8MP bullet camera, dome camera and turret camera, with fixed or motorized lens, are all available in pro line.

Model	TC-C32PS Spec:I3/E/Y/M/H/2.8mm/V4.2 TC-C32PS Spec:I3/E/Y/M/H/4mm/V4.2	TC-C35PS Spec:I3/E/Y/M/H/2.8mm/V4.2 TC-C35PS Spec:I3/E/Y/M/H/4mm/V4.2	TC-C382V Spec:W/E/Y/S/H/2.8mm	TC-C32WS Spec:I5/E/Y/M/S/H/2.8mm/V4.0 TC-C32WS Spec:I5/E/Y/M/S/H/4mm/V4.0	TC-C32XS Spec:I3/E/Y/M/S/H/2.8mm/V4.0	TC-C35WS Spec:I5/E/Y/M/S/H/2.8mm/V4.0 TC-C35WS Spec:I5/E/Y/M/S/H/4mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS
Max. Resolution	1920x1080@30fps	2880x1620@30fps	4640X1728@25fps	1920x1080@30fps	1920x1080@30fps	2880x1620@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color: 0.0001Lux@F1.0	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm	2.8mm
Video Compression	S+265/H.265/H.264/H.264H.264H/Motion JPEG	S+265/H.265/H.264/H.264H.264H/Motion JPEG	S+265/H.265/H.264/H.264H.264H/Motion JPEG	S+265/H.265/H.264/H.264H.264H/Motion JPEG	S+265/H.265/H.264/H.264H.264H/Motion JPEG	S+265/H.265/H.264/H.264H.264H/Motion JPEG
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal
Audio I/O	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes(built-in)	Yes	Yes	N/A	Yes
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR LEDs	2	2	N/A	2	2	2
IR Distance	30m	30m	N/A	50m	30m	50m
Whitelight Distance	N/A	N/A	15m	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W	DC12V±25%,MAX 12W;POE 802.3af	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W
Protection	IP66	IP66	IP67	IP67	IP66	IP67
Operating Temperature	-40℃~65℃	-40℃~65℃	-35℃~65℃	-40℃~65℃	-40℃~65℃	-40℃~65℃
Material	Metal	Metal	Metal+plastic	Metal	Metal	Metal

IPC PRO

Model	TC-C35XS Spec:I3/E/Y/M/S/H/2.8mm/V4.0	TC-C35KS Spec:I3/E/Y/M/S/H/2.8mm/V4.0	TC-C32US Spec:I8/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C32SS Spec:I3/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C32MS Spec:I3/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C35US Spec:I8/A/E/Y/M/S/H/2.7-13.5mm/V4.0
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS
Max. Resolution	2880x1620@30fps	2880x1620@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	2880x1620@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color: 0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
Video Compression	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal
Audio I/O	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	N/A	Yes(built-in)	Yes	Yes	Yes(built-in)	Yes
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR LEDs	2	8	4	2	18	4
IR Distance	30m	30m	80m	30m	30m	80m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7.5W	DC12V±25%,MAX 9W;POE 802.3at,MAX 10W	DC12V±25%,MAX 7.5W;POE 802.3af,MAX 8.5W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 9W;POE 802.3at,MAX 10W
Protection	IP66	IP66;IK10	IP67	IP66	IP66;IK10	IP67
Operating Temperature	-40℃~65℃	-40℃~65℃	-35℃~65℃	-35℃~65℃	-35℃~65℃	-35℃~65℃
Material	Metal	Metal	Metal	Metal	Metal	Metal

Model	TC-C35SS Spec:I3/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C35MS Spec:I3/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C32LS Spec:I10/E/Y/M/S-50mm/V4.2	TC-C34LQ Spec:I3W/A/E/Y/M/H/2.8-12mm/V4.2	TC-C35WQ Spec:I5W/E/Y/2.8mm/V4.2 TC-C35WQ Spec:I5W/E/Y/4mm/V4.2	TC-C35XQ Spec:I5W/E/Y/2.8mm/V4.2
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/1.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	2880x1620@30fps	2880x1620@30fps	1920x1080@30fps	2560x1440@30fps	2880x1620@30fps	2880x1620@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.0004Lux@(F1.5,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.7-13.5mm	2.7-13.5mm	5-50mm	2.8-12mm	2.8mm/4mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264H/Motion JPEG
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal
Audio I/O	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	Yes(built-in)	Yes	Yes	Yes	N/A
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR LEDs	2	18	5	4	2	2
IR Distance	30m	30m	100m	30m	50m	30m
Whitelight Distance	N/A	N/A	N/A	15m	15m	15m
Power Supply	DC12V±25%,MAX 7.5W;POE 802.3af,MAX 8.5W	DC12V±25%,MAX 8W;POE 802.3at;MAX 9W	DC12V±25%,MAX 14W;POE 802.3at,MAX 15.5W	DC12V±25%,MAX 14W;POE 802.3at,MAX 15.5W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W
Protection	IP66	IP66;IK10	IP67	IP67	IP67	IP66
Operating Temperature	-35℃~65℃	-35℃~65℃	-35℃~65℃	-35℃~65℃	-40℃~65℃	-40℃~65℃
Material	Metal	Metal	Metal	Metal	Metal	Metal

IPC PRO

Model	TC-C38WQ Spec:I5W/E/Y/2.8mm/V4.2 TC-C38WQ Spec:I5W/E/Y/4mm/V4.2	TC-C38XQ Spec:I3W/E/Y/2.8mm/V4.2	TC-C32JS Spec:I5/E/M/N/4mm/V4.1	TC-C35JS Spec:I5/E/M/N/4mm/V4.1	TC-C35WS Spec:I5/E/Y/M/H/2.8mm/V4.1 TC-C35WS Spec:I5/E/Y/M/H/4mm/V4.1	TC-C35XS Spec:I3/E/Y/M/H/2.8mm/V4.1
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	3840x2160@20fps	3840x2160@20fps	1920x1080@30fps	2880x1620@30fps	2880x1620@30fps	2880x1620@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm	4mm	4mm	2.8mm/4mm	2.8mm
Video Compression	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server ;Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server ;Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Perimeter;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal
Audio I/O	1channel in;1channel out	1channel in;1channel out	N/A	N/A	1channel in;1channel out	1channel in;1channel out
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	N/A	N/A	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes	N/A	Yes(built-in)	Yes(built-in)	Yes	N/A
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR LEDs	2	2	2	2	2	2
IR Distance	50m	30m	50m	50m	50m	30m
Whitelight Distance	15m	15m	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 7W;POE 802.3af,MAX 8.5W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8.5W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7.5W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W
Protection	IP67	IP66	IP67	IP67	IP67	IP66
Operating Temperature	-40°C-65°C	-40°C-65°C	-40°C-65°C	-40°C-65°C	-40°C-65°C	-40°C-65°C
Material	Metal	Metal	Metal	Metal	Metal	Metal

Model	TC-C35KS Spec:I3/E/Y/M/H/2.8mm/V4.1	TC-C38WS Spec:I5/E/Y/M/H/2.8mm/V4.0 TC-C38WS Spec:I5/E/Y/M/H/4mm/V4.0	TC-C38XS Spec:I3/E/Y/M/H/2.8mm/V4.0	TC-C32TS Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C32MS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C35TS Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.1
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2880x1620@30fps	2880x1620@30fps	3840x2160@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm/4mm	2.8mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
Video Compression	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG	S+265/H.265/H.264B/H.264H/H.264/Motion JPEG
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal
Audio I/O	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes(built-in)	N/A	Yes	Yes(built-in)	Yes(built-in)
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR LEDs	8	8	2	4	18	4
IR Distance	30m	30m	30m	80m	50m	50m
Whitelight Distance	N/A	N/A	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 6W;POE 802.3af,MAX 7.5W	DC12V±25%,MAX 6W;POE 802.3af,MAX 7.5W	DC12V±25%,MAX 6.5W;POE 802.3af,MAX 8W	DC12V±25%,MAX 9W;POE 802.3at,MAX 10W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W	DC12V±25%,MAX 7W;POE 802.3af,MAX 8W
Protection	IP66;IK10	IP67	IP66	IP67	IP66;IK10	IP67
Operating Temperature	-40°C-65°C	-40°C-65°C	-40°C-65°C	-35°C-65°C	-35°C-65°C	-35°C-65°C
Material	Metal	Metal	Metal	Metal	Metal	Metal

IPC PRO

IPC PRO

Model	TC-C35MS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C32TP Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C38TS Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.0	TC-C38SS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.0
Image Sensor	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2880x1620@30fps	1920x1080@30fps	3840x2160@30fps	3840x2160@30fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.0004Lux@(F1.3,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
WDR	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal
Audio I/O	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out
Alarm I/O	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes	Yes	Yes
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR LEDs	18	4	4	2
IR Distance	50m	80m	80m	50m
Whitelight Distance	N/A	N/A	N/A	N/A
Power Supply	DC12V±25%,MAX 8W;POE 802.3at,MAX 9W	DC12V±25%,MAX 9W;POE 802.3at,MAX 10W	DC12V±25%,MAX 9.5W;POE 802.3at,MAX 10.5W	DC12V±25%,MAX 8W;POE 802.3at,MAX 9W
Protection	IP66;IK10	IP67	IP67	IP66
Operating Temperature	-35℃-65℃	-35℃-65℃	-35℃-65℃	-35℃-65℃
Material	Metal	Metal	Metal	Metal

Model	TC-C38MS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.0	TC-C35LP Spec:I8W/A/E/Y/M/H/2.7-13.5mm/V4.0	TC-C35MP Spec:I5W/A/E/Y/M/H/2.7-13.5mm/V4.0
Image Sensor	1/2.8"CMOS	1/1.8"CMOS	1/1.8"CMOS
Max. Resolution	3840x2160@30fps	3072x1728@50fps	3072x1728@50fps
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.0004Lux@(F1.3,AGC ON),B/W:0Lux with IR	Color:0.0004Lux@(F1.3,AGC ON),B/W:0Lux with IR
Focal Length	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
WDR	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Video Analytics	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal	Human/Vehicle Classification;Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Lost;Heatmap;Loitering;Running;Parking;People Counting;Crowed;Safety Helmet Detection;On Duty Detection;Video Abnormal;Audio Abnormal
Audio I/O	1channel in;1channel out	1channel in;1channel out	1channel in;1channel out
Alarm I/O	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC	2channel in,3mA,3.3VDC;1channel out,1A,24VDC
On-board storage	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes(built-in)	Yes	Yes(built-in)
System Compatibility	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR LEDs	18	4	14
IR Distance	50m	80m	50m
Whitelight Distance	N/A	15m	15m
Power Supply	DC12V±25%,MAX 8W;POE 802.3at,MAX 9W	DC12V±25%,MAX 14W;POE 802.3at,MAX 15.5W	DC12V±25%,MAX 8W;POE 802.3at,MAX 9W
Protection	IP66;IK10	IP67	IP66;IK10
Operating Temperature	-35℃-65℃	-35℃-65℃	-35℃-65℃
Material	Metal	Metal	Metal

THERMAL

Thermal

Tiandy thermal camera adopts uncooled vanadium oxide focal plane detector, which has high temperature measurement accuracy and good imaging effect. Combined with dual lens, thermal and optical lens, and Tiandy's advanced algorithm, Tiandy thermal camera can achieve functions like temperature measurement, fire detection, EWarning and multi-VCA functions and be widely used in airport, station, border, harbor and other occasions with high security requirements.

THERMAL

Model	TC-H358M Spec:44X/IT/A	TC-C35LQ Spec:I5W/E/Y/T/4mm/V4.2 TC-C35LQ Spec:I5W/E/Y/T/6mm/V4.2
Thermal Sensor Type	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Thermal Length	Fixed 50mm	Fixed 3/7mm
Resolution	384×288	256 × 192
Piexl Interval	17μm	12μm
Response Waveband	≤ 8μm~14μm	≤ 8μm~14μm
NETD	40mK@f/1.0	55mK@f/1.1
Image sensor	1/1.8"	1/2.8"
Resolution	3072×1728@25fps	2880x1620@25fps
Min. illumination	Color:0.001lux@ (F1.6, AGC ON), B/W:0lux with IR	Color:0.002lux@ (F1.6, AGC ON), B/W:0lux with IR
WDR	120dB	120dB
Optical Zoom	44×	N/A
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Human/Vehicle Classification;Tripwire;Double Tripwire; Perimeter;Video Abnormal;Audio Abnormal
Audio I/O	1/1	1/1
Alarm I/O	8/2	2/1
Memory slot	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 512 GB
System compatibility	ONVIF (PROFILE S/T/G), SDK, CGI, P2P	ONVIF Profile S/T/G/M;CGI;Milstone;RTMP
IR Range	300m	50m
White LEDs Range	30m	15m
Power supply	DC36V±25%	DC12V,POE 802.3af
Protection	IP66	IP67
Operating Temperature	-40℃～70℃, 0-95%RH	-40℃～65℃ (IR OFF), 0-95%RH

PTZ SMD

PTZ SMD

Smart Motion Detection (abbreviated as SMD) series PTZ are based on deep learning algorithm which supports Human/Vehicle classification, and VCA fuctions that could trigger alarms when person or vehicle has been detected. Embedded CMOS chip, the video with real-time 1920 x 1080 resolution becomes possible. As entry level product, SMD series PTZ are equipped with "Starlight" technology, so that they can provide high quality picture for project use.

PTZ SMD

Model	TC-H324S Spec:23X/I/E/C/V3.0	TC-H324S Spec:23X/I/E/V3.0	TC-H324S Spec:25X/I/E/V3.0
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	2MP (1920x1080)@25fps	2MP (1920x1080)@25fps	2MP (1920x1080)@25fps
Min. illumination	Color:0.001lux@ (F1.5, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.5, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.5, AGC ON), B/W:0lux with IR
WDR	120dB	120dB	120dB
Optical Zoom	23X	23X	25X
Digital Zoom	N/A	N/A	16X
Video Compression	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG
Cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise
Preset	500	500	500
Auto-Tracking	N/A	N/A	N/A
Early Warning(EW)	N/A	N/A	N/A
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Heatmap, Video Abnormal, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Heatmap, Video Abnormal, Audio Abnormal, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, People Counting, Video Abnormal, Audio Abnormal, Human/Vehicle Classification
Audio I/O	N/A	1/1	1/1
Alarm I/O	N/A	1/1	1/1
Memory slot	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
System compatibility	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P
IR LEDs	7	7	6
IR Range	150m	150m	150m
White LEDs Range	N/A	N/A	N/A
Laser	N/A	N/A	N/A
Power supply	DC12V±10%/POE+(IEEE802.3 at)	DC12V±10%/POE+(IEEE802.3 at)	DC12V±10%/POE+(IEEE802.3 at)
Waterproof& dustproof	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection
Working temperature	-30°C~65°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH	-30°C~65°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH	-30°C~65°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH

PTZ TURBO AI+

Turbo AI+ series PTZ with starlight technology aim to meet requirements for higher image quality and dark surveillance environment. Tiandy diverse models can satisfy different requirements and applications. In addition to the SMD function, this series has also added the AI face capture function. All products of Turbo AI+ series are standard with TWDR. Compared with ordinary images, TWDR can better reflect the visual effects of the real environment. Almost all of the products in this series support tracking which is powerful and easy to use.

Model	TC-H354S Spec:23XI/E/V3.1	TC-H324S Spec:2SXI/E/A/V/V3.0	TC-H326S Spec:33XI/E/A/V3.0	TC-H326S Spec:33XI/E++/A	TC-H356S Spec:30XI/E++/A/V3.0	TC-H344S Spec:2SXI/E+/A/V3.0
Image sensor	1/2.7" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max. Resolution	5MP (2880×1620)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@50fps	5MP (2880×1620)@25fps	4MP (2560×1440)@25fps
Min. illumination	Color:0.001lux@ (F1.6, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.5, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.5, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.5, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.6, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.6, AGC ON), B/W:0lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Optical Zoom	23X	25X	33X	33X	30X	25X
Digital Zoom	16X	16X	16X	16X	16X	16X
Video Compression	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG
Cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise
Preset	500	500	500	500	500	500
Auto-Tracking	N/A	Yes	Yes	Yes	Yes	N/A
Early Warning(EW)	N/A	N/A	N/A	N/A	N/A	N/A
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification
Audio I/O	1/1	1/1	1/1	1/1	1/1	1/1
Alarm I/O	1/1	1/1	1/1	8/2	8/2	1/1
Memory slot	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
System compatibility	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T/G), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P
IR LEDs	7	6	10	10	10	7
IR Range	150m	150m	200m	200m	200m	150m
White LEDs Range	N/A	N/A	N/A	N/A	N/A	N/A
Laser	N/A	N/A	N/A	N/A	N/A	N/A
Power supply	DC12V±10%/POE+(IEEE802.3 at)	DC12V±10%/POE+(IEEE802.3 at)	DC12V±10%/POE+(IEEE802.3 at)	AC24V±25%/POE++(IEEE802.3bt)	AC24V±25%/POE++(IEEE802.3 bt)	DC12V±10%/POE+(IEEE802.3 at)
Waterproof& dustproof	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection
Working temperature	-50°C~65°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH	-30°C~65°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH	-40°C~65°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH	-30°C~65°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH

PTZ TURBO AI+

PTZ AEW

EW (Also known as Early Warning) series PTZ are our high-end products which integrate sound and light warning. It can achieve early warning, intervention, retrieval after the triggered event.
Early warning support alarm results in three levels of warning, sound warning, white light flashing warning, laser threating warning. Vigilance and awe, active defense, let security return to its essence. All EW series support tracking, and they have three tracking way: panorama tracking, manual tracking, and alarm triggered tracking. Our standard products also equipped with wiper which can be operated remotely to ensure clear windows.

Model	TC-H326M Spec:44X/IW/A	TC-H356Q Spec:30X/IW/E++/A/V3.0	TC-A3563 Spec:44X/I/A
Image sensor	1/1.8" CMOS	1/2.7" CMOS	1/1.8" CMOS
Max. Resolution	2MP (1920×1080)@25fps	5MP (2880×1620)@25fps	5MP (3072×1728)@20fps
Min. Illumination	Color:0.0008Lux@ (F1.6, AGC ON), B/W:0lux with IR	Color:0.001lux@ (F1.6, AGC ON), B/W:0lux with IR	Color:0.0008Lux@ (F1.6, AGC ON)
WDR	120dB	120dB	120dB
Optical Zoom	44X	30X	44X
Digital Zoom	16X	16X	16X
Video Compression	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG
Cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise
Preset	500	500	500
Auto-Tracking	Yes	Yes	Yes
Early Warning(EW)	Yes	Yes	Yes
BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification
Audio I/O	1/1	1/1	1/1
Alarm I/O	8/2	8/2	8/2
Memory slot	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 128 GB
System Compatibility	ONVIF (PROFILE S/T), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T), SDK, CGI, P2P
IR LEDs	8	10	8
IR Range	180m	200m	180m
White LEDs Range	2	4	2
Laser	N/A	Yes	N/A
Power Supply	AC24V±15%	AC24V±25%/POE++(IEEE802.3 bt)	AC24V±15%
Waterproof& dustproof	IP66，TVS 6000V lightning protection, surge protection and voltage transient protection	IP66，TVS 6000V lightning protection, surge protection and voltage transient protection	IP66，TVS 6000V lightning protection, surge protection and voltage transient protection
Working temperature	-30°C~70°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH	-30°C~70°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH

PTZ LASER

PTZ LASER

The laser series PTZ include 4MP and 8MP two kinds of products for us to choose, and both of them perform well in filling light of medium and long distance. One of them focuses on super telephoto lenses, and the other one focuses on high-resolution. All series support long range laser, close range infrared, smooth transition between close and long range lighting effects. All products feature a large 1/1.8" sensor for better performance in dark ambient conditions.

Model	TC-H348M Spec:63X/IL/E++/A	TC-H388M Spec:44X/IL/E++/A
Image sensor	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	4MP (2560x1440)@25fps	8MP (3840x2160)@25fps
Min. Illumination	Color:0.001lux@ (F1.6, AGC ON), B/W:0.0001lux@ (F1.6, AGC ON), 0lux with IR	Color:0.001lux@ (F1.6, AGC ON), B/W:0.0001lux@ (F1.6, AGC ON), 0lux with IR
WDR	120dB, only in monitoring mode	120dB, only in monitoring mode
Optical Zoom	63X	44X
Digital Zoom	16X	16X
Video Compression	S+265/H.265/H.264 (High profile, Main profile, Baseline)	S+265/H.265/H.264 (High profile, Main profile, Baseline)
Cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise
Preset	500	500
Auto-Tracking	Yes	Yes
Early Warning(EW)	Yes	Yes
BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Safety Helmet Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification
Audio I/O	1/1	1/1
Alarm I/O	8/2	8/2
Memory slot	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
System Compatibility	ONVIF (PROFILE S/T/G/M), SDK, CGI, RTSP	ONVIF (PROFILE S/T/G/M), SDK, CGI, RTSP
IR LEDs	11	11
IR Range	300m	300m
White LEDs Range	30m	30m
Laser	500m	500m
Power Supply	DC36V±25%/POE++(IEEE802.3 bt)	DC36V±25%/POE++(IEEE802.3 bt)
Waterproof& dustproof	IP66 , TVS 6000V lightning protection, surge protection and voltage transient protection	IP66 , TVS 6000V lightning protection, surge protection and voltage transient protection
Working temperature	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH

PTZ Panorama

As high-end series of PTZ, Panorama series PTZ are specially designed for large scenes including panoramas and more details. They support panoramic detection and detail tracking.
Panoramic PTZ can achieve wider monitoring range and greater zoom requirements. Through multi-sensor automatic splicing technology, panoramic PTZ can realize 360° monitoring through high-speed gimbal, combining panoramic and detailed images.

Dual PTZ structural domes can support vehicle, non-motorized vehicle and personnel extraction attributes. Double exposure technology which operates short exposure on vehicle to clearly display license plate, and performs long exposure to human face to display clearer details.

Model	TC-A35555 Spec:0/A/2.8-12mm/9-54mm	TC-H3169M Spec:63X/LW/P/A/AR	TC-H366V Spec:4MP/25X/IW/E/A/2.8mm
Image sensor	Panorama:1/1.8" CMOS, Detail:1/1.8" CMOS	Panorama:1/1.8" CMOS, Detail:1/1.8" CMOS	Panorama:1/1.8" CMOS, Detail:1/2.7" CMOS
Max. Resolution	Panorama:3072x1728@20fps;Detail:3072x1728@20fps	Panorama:5520x2400@25fps;Detail:2560x1440@25fps	Panorama:3840x1568@30fps;Detail:2560x1440@30fps
Min. illumination	Color:0.0008Lux@ (F1.35, AGC ON), B/W:0lux with IR	Panorama:Color:0.0004Lux@ (F1.0, AGC ON), B/W:0lux with IR	Panorama:Color: 0.0001Lux@F1.0
WDR	120dB	120dB	120dB
Optical Zoom	Panorama:4X;Detail:6X	Detail:63X	25X
Digital Zoom	Detail:16X	Detail:16X	16X
Video Compression	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG
Cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise	16, up to 32 presets per cruise
Preset	Panorama:256;Detail:500	500	500
Auto-Tracking	Yes	Yes	Yes
Early Warning(EW)	Yes	Yes	Yes
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Structured, Human/Vehicle Classification	Panorama:Tripwire, Double Tripwire, Heatmap Detail:Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification	Panorama:Tripwire, Double Tripwire,Heatmap Detail: Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal
Audio I/O	1/1, Built-in Mic*2	1/1	1/1
Alarm I/O	3/2	8/2	2/1
Memory slot	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
System compatibility	ONVIF (PROFILE S/T/G), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), CGI, RTMP
IR LEDs	6	11	Detail:10
IR Range	100m	300m	150m
White LEDs Range	30m	30m	30m
Laser	N/A	500m	N/A
Power supply	AC24V±15%	DC36V±25%	AC24V±25%/POE++(IEEE802.3 bt)
Waterproof& dustproof	IP66，TVS 6000V lightning protection, surge protection and voltage transient protection	IP66，TVS 6000V lightning protection, surge protection and voltage transient protection	IP66，TVS 6000V lightning protection, surge protection and voltage transient protection
Working temperature	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH	-35°C~65°C (IR OFF), -35°C~65°C (IR ON), 0-95%RH

NVR PSE

Tiandy PSE NVR can supply power to IPC, providing more convenient network. Spark NVR is available now which is designed for the channel market. Spark NVR leads the market with extremely low prices through extreme cost control from planning, R&D, production and other processes. PSE NVR also includes Lite N NVR, Lite K NVR, Pro NVR to meet different usage needs.

Model	TC-R3105 Spec:I/B/P4/L/S	TC-R3110 Spec:I/B/P8/L/S	TC-R3105 Spec:I/B/P/L/V1.1
Video Input	5-ch	10-ch	5-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	60Mbps/40Mbps	60Mbps/40Mbps	60Mbps/40Mbps
Recording Resolution	5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF /2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF /2CIF/CIF/QCIF
Decoding	1×5MP, 1×4MP, 1×3MP, 2×1080P, 5×4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 5×720P, 5×4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 5×720P, 5×4CIF
HDD (SATA)	1 HDD	1 HDD	1 HDD
RAID	N/A	N/A	N/A
POE	4×RJ45 self-adaptive 10/100 Mbps network interfaces	8×RJ45 self-adaptive 10/100 Mbps network interfaces	4×RJ45 self-adaptive 10/100 Mbps network interfaces
PoE Budget	45W	70W	45W
Audio Input	N/A	N/A	N/A
Audio Output	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A
HDMI/VGA	1/0	1/0	1/1
VCA	Motion Detection	Motion Detection	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal
Network Interface	1×RJ45 self-adaptive 10/100 Mbps network interface	1×RJ45 self-adaptive 10/100 Mbps network interface	1×RJ45 self-adaptive 10/100 Mbps network interface
Power supply	DC48V, ≤20W (without HDD)	DC48V, ≤20W (without HDD)	DC48V, ≤20W (without HDD)
Working temperature	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH
Case Size	1U	1U	1U

NVR PSE

Model	TC-R3105 Spec:I/B/P/V3.0	TC-R3110 Spec:I/B/P8/V3.0	TC-R3105 Spec:I/B/P4/K/V3.1	TC-R3110 Spec:I/B/P8/K/V3.1
Video Input	5-ch	10-ch	5-ch	10-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	60Mbps/40Mbps	60Mbps/40Mbps	80Mbps/80Mbps	80Mbps/80Mbps
Recording Resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 5×720P, 5×4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 10×720P, 10×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 5×1080P, 5×720P, 5×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 10×720P, 10×4CIF
HDD (SATA)	1 HDD	1 HDD	1 HDD	1 HDD
RAID	N/A	N/A	N/A	N/A
POE	4×RJ45 self-adaptive 10/100 Mbps network interfaces	8×RJ45 self-adaptive 10/100 Mbps network interfaces	4×RJ45 self-adaptive 10/100 Mbps network interfaces	8×RJ45 self-adaptive 10/100 Mbps network interfaces
PoE Budget	45W	70W	45W	70W
Audio Input	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm
Audio Output	1×RCA	1×RCA	1×RCA	1×RCA
Alarm I/O	0/1	4/1	4/1	4/1
HDMI/VGA	1/1	1/1	1/1	1/1
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting
Network Interface	1×RJ45 self-adaptive 10/100 Mbps network interface	1×RJ45 self-adaptive 10/100 Mbps network interface	1×RJ45 self-adaptive 100 Mbps network interface	1×RJ45 self-adaptive 10/100 Mbps network interface
Power supply	DC48V, ≤20W (without HDD)	DC48V, ≤20W (without HDD)	DC48V, ≤20W (without HDD)	DC48V, ≤20W (without HDD)
Working temperature	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH
Case Size	1U	1U	1U	1U

NVR PSE

Model	TC-R3210 Spec:I/B/P8/K/V3.1	TC-R3220 Spec:I/B/P16/K/V3.1	TC-R3440 Spec:I/B/P16/H/V4.0
Video Input	10-ch	20-ch	40-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	160Mbps/64Mbps	160Mbps/64Mbps	400Mbps/400Mbps
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 10×720P, 10×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 16×720P, 20×4CIF	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P
HDD (SATA)	2 HDDs	2 HDDs	4 HDDs
RAID	N/A	N/A	JBOD, RAID0/1/5/6/10
POE	8×RJ45 self-adaptive 10/100 Mbps network interfaces	16×RJ45 self-adaptive 10/100 Mbps network interfaces	16×RJ45 self-adaptive 10/100 Mbps network interfaces
PoE Budget	120W	200W	200W
Audio Input	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm
Audio Output	1×RCA	1×RCA	1×RCA
Alarm I/O	4/1	4/1	16/4
HDMI/VGA	1/1	1/1	1/1 independent outputs
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking guard, Auto tracking
Network Interface	1×RJ45 self-adaptive 10/100/1000 Mbps network interface	1×RJ45 self-adaptive 10/100/1000 Mbps network interface	1×RJ45 self-adaptive 10/100/1000 Mbps network interfaces
Power supply	100~240V AC, 50/60 Hz, ≤25W (without HDD)	100~240V AC, 50/60 Hz, ≤25W (without HDD)	100~240V AC, 50/60 Hz, ≤100W (without HDD)
Working temperature	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH
Case Size	1U	1U	1.5U

NVR Lite

Tiandy Lite N NVR provides the most cost efficient choice for those whose main market is distribution channels. Where IP cameras at 2MP resolution are popular, Lite N series products will be the best choice. Lite K series NVR also faces to distribution market. Models in Lite K series provide a most cost-efficient true 4K system, they are the most suitable products for regions, where IP cameras at 5MP or 8MP resolution are popular. The price of the Lite series pays for the performance of the Pro series.

Model	TC-R3105 Spec:I/B/L/S	TC-R3105 Spec:I/B/L/V1.1	TC-R3110 Spec:I/B/L/V1.1	TC-R3105 Spec:I/B/V3.0	TC-R3110 Spec:I/B/V3.0	TC-R3120 Spec:I/B/V3.0
Video Input	5-ch	5-ch	10-ch	5-ch	10-ch	20-ch
Decoding Format	S+265;H.265;S+264;H.264	S+265;H.265;H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	60Mbps/40Mbps	60Mbps/40Mbps	60Mbps/40Mbps	60Mbps/40Mbps	60Mbps/40Mbps	80Mbps/80Mbps
Recording Resolution	5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding	1x5MP,1x4MP,1x3MP,2x1080P,5x720P,5x4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 5×720P, 5×4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 8×720P, 10×4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 5×720P, 5×4CIF	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 10×720P, 10×4CIF	1×8MP, 1×6MP, 1×5MP, 2×4MP, 2×3MP, 4×1080P, 8×720P, 20×4CIF
HDD (SATA)	1HDD	1 HDD	1 HDD	1 HDD	1 HDD	1 HDD
RAID	N/A	N/A	N/A	N/A	N/A	N/A
POE	N/A	N/A	N/A	N/A	N/A	N/A
Audio Input	N/A	N/A	N/A	N/A	N/A	N/A
Audio Output	N/A	N/A	N/A	1×RCA	1×RCA	1×RCA
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
HDMI/VGA	1/0	1/1	1/1	1/1	1/1	1/1
VCA	Motion Detection	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting
Network Interface	1*RJ-45,10/100 Mbps self-adaptive Ethernet port	×RJ45 self-adaptive 10/100 Mbps network interfac	×RJ45 self-adaptive 10/100 Mbps network interfac	×RJ45 self-adaptive 10/100 Mbps network interfac	1×RJ45 self-adaptive 10/100 Mbps network interface	1×RJ45 self-adaptive 10/100 Mbps network interface
Power supply	DC12V, <10W(without HDD)	DC12V, <10W (without HDD)	DC12V, <10W (without HDD)	DC12V, <10W (without HDD)	DC12V, <10W (without HDD)	DC12V, <10W (without HDD)
Working temperature	-10℃~+45℃, 10%~90%RH	-10℃~55℃, 10%~95% RH	-10℃~55℃, 10%~95% RH	-10℃~55℃, 10%~95% RH		
Case Size	1U	1U	1U	1U	-10℃~55℃,10%~95% RH	-10℃~55℃,10%~95% RH

Model						
	TC-R3110 Spec:I/B/K/V3.1	TC-R3120 Spec:I/B/K/V3.1	TC-R3210 Spec:I/B/K/V3.1	TC-R3220 Spec:I/B/K/V3.1	TC-R3232 Spec:I/B/K/V3.1	TC-R3432 Spec:I/B/K/V3.1
Video Input	10-ch	20-ch	10-ch	20-ch	32-ch	32-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/`H.265/H.264
Input/output Bandwidth	80Mbps/80Mbps	80Mbps/80Mbps	160Mbps/64Mbps	160Mbps/64Mbps	160Mbps/48Mbps	160Mbps/48Mbps
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 10×720P, 10×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 16×720P, 20×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 10×720P, 10×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 16×720P, 20×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 16×720P, 32×4CIF	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 8×1080P, 16×720P, 32×4CIF
HDD (SATA)	1 HDD	1 HDD	2 HDDs	2 HDDs	2 HDDs	4 HDDs
RAID	N/A	N/A	N/A	N/A	N/A	N/A
POE	N/A	N/A	N/A	N/A	N/A	N/A
Audio Input	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm
Audio Output	1×RCA	1×RCA	1×RCA	1×RCA	1×RCA	1×RCA
Alarm I/O	4/1	4/1	4/1	4/1	4/1	N/A
HDMI/VGA	1/1	1/1	1/1	1/1	1/1	1/1
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting
Network Interface	1xRJ45 self-adaptive 10/100 Mbps network interface	1xRJ45 self-adaptive 10/100 Mbps network interface	1xRJ45 self-adaptive 10/100/1000 Mbps network interface	1xRJ45 self-adaptive 10/100/1000 Mbps network interface	1xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	1xRJ45 self-adaptive 10/100/1000 Mbps network interfaces
Power supply	DC12V, ≤10W (without HDD)	DC12V, ≤10W (without HDD)	DC12V, ≤10W (without HDD)	DC12V, ≤10W (without HDD)	DC12V, ≤10W (without HDD)	DC12V, ≤40W (without HDD)
Working temperature	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH ℃	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH
Case Size	1U	1U	1U	1U	1U	1.5U

NVR Pro

Pro & Ultra series faces to SMB project. It could be used as an item, which could control the bid due to their powerful index of interfaces and bandwidth. Tiandy NVR provides 25% more access than regular products, which enables plug and play, automaticlly adds IPC, quickly plots without configuration and supports one button to enable S+265 to save 50% of storage space than H.265.In addition, it automatically matches the screen's optimal resolution, and supports up to 64 channels of simulta-neous preview and 16 channels of 1080p video playback.

NVR PRO

Model	TC-R3240 Spec:I/B/N/H/V4.0	TC-R3440 Spec:I/B/N/H/C/V4.0	TC-R3440 Spec:I/B/N/V4.0	TC-R3840 Spec:I/B/N/V4.0	TC-R3880 Spec:I/B/N/V4.0
Video Input	40-ch	40-ch	40-ch	40-ch	80-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	400Mbps/400Mbps	400Mbps/400Mbps	400Mbps/400Mbps	640Mbps/320Mbps	640Mbps/320Mbps
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/ QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/ QCIF
Decoding	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P	4×12MP, 6×8MP, 8×6MP, 9×5MP, 12×4MP, 16×3MP, 24×1080P, 48×720P	4×12MP, 6×8MP, 8×6MP, 9×5MP, 12×4MP, 16×3MP, 24×1080P, 48×720P
HDD (SATA)	2 HDDs	4 HDDs	4 HDDs	8 HDDs	8 HDDs
eSATA	N/A	N/A	N/A	1	1
RAID	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10
POE	N/A	N/A	N/A	N/A	N/A
Audio Input	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm
Audio Output	1×RCA	1×RCA	1×RCA	1×5.5mm, 1×BNC	1×3.5mm, 1×BNC
Alarm I/O	16/4	16/4	16/4	16/4	16/4
HDMI/VGA	1/1 independent outputs	1/1 independent outputs	1/1 independent outputs	2/2 independent outputs	2/2 independent outputs
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking, Auto tracking, Face picture gallery	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking, Auto tracking, Face picture gallery	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking, Auto tracking, Face picture gallery	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking, Auto tracking, Face picture gallery	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking, Auto tracking, Face picture gallery
Network Interface	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces
Power supply	DC12V, ≤40W (without HDD)	DC12V, ≤40W (without HDD)	DC12V, ≤40W (without HDD)	AC100-240V, 50/60HZ, 100W (without HDD)	AC100-240V, 50/60HZ, ≤100W (without HDD)
Working temperature	-10℃~55℃, 10%~95% RH	-10℃~55℃, 10%~95% RH	-10℃~55℃, 10%~95% RH	-10℃~55℃, 10%~95% RH	-10℃~55℃, 10%~95% RH
Case Size	1.5U	1.5U	1.5U	2U	2U

NVR PRO

Model	TC-R31640 Spec:E/B/N/V4.0	TC-R31680 Spec:E/B/R/N/V4.0	TC-R324160 Spec:E/B/N/V4.0	TC-R324160 Spec:E/B/R/N/V4.0
Video Input	40-ch	80-ch	160-ch	160-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265;S+264;H.264	S+265/H.265;S+264;H.264
Input/output Bandwidth	640Mbps/320Mbps	640Mbps/320Mbps	800Mbps/400Mbps	800Mbps/400Mbps
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/ QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/ QCIF	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding	4×12MP, 6×8MP, 8×6MP, 9×5MP, 12×4MP, 16×3MP, 24×1080P, 48×720P	4×12MP, 6×8MP, 8×6MP, 9×5MP, 12×4MP, 16×3MP, 24×1080P, 48×720P	3x16MP,4x12MP,8MP*7,9x6MP,11x5MP, 14x4MP,18x3MP,28x1080P,56x720P,80x4CIF	3x16MP,4x12MP,8MP*7,9x6MP,11x5MP, 14x4MP,18x3MP,28x1080P,56x720P,80x4CIF
HDD (SATA)	16 HDDs	16 HDDs	24 HDDs	24 HDDs
eSATA	1	1	1	1
RAID	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10	JBOD,RAID0,RAID1,RAID5,RAID6,RAID10,Raid50,Raid60	JBOD,RAID0,RAID1,RAID5,RAID6,RAID10,Raid50,Raid60
POE	N/A	N/A	N/A	N/A
Audio Input	1-ch, 3.5mm	1-ch, 3.5mm	1-ch,3.5mm	1-ch,3.5mm
Audio Output	1×3.5mm, 1×BNC	1×3.5mm, 1×BNC	1-ch, 3.5mm	1-ch, 3.5mm
Alarm I/O	16/4	16/4	16/8	16/8
HDMI/VGA	2/2 independent outputs	2/2 independent outputs	2/1 independent outputs	2/1 independent outputs
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking, Auto tracking, Face picture gallery	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking, Auto tracking, Face picture gallery	Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running;Parking;Heatmap;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection;Signal Loss Detection;Plate License Recognition;On Duty Detection;Crowd Detection;Parking guard;Safety Helmet Detection;Electric vehicle testing;People Counting;Link To Tracking;Fireworks detection;Environmental temperature	Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running;Parking;Heatmap;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection;Signal Loss Detection;Plate License Recognition;On Duty Detection;Crowd Detection;Parking guard;Safety Helmet Detection;Electric vehicle testing;People Counting;Link To Tracking;Fireworks detection;Environmental temperature
Network Interface	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	4*RJ-45,10/100/1000 Mbps self-adaptive Ethernet port	4*RJ-45,10/100/1000 Mbps self-adaptive Ethernet port
Power supply	AC100-240V, 50/60HZ, ≤100W (without HDD)	AC100-240V, 50/60HZ, ≤100W (without HDD)	100~240V AC ＜45W(without HDD)	100~240V AC;Redundant power supply ＜45W(without HDD)
Working temperature	℃ -10℃~55℃, 10%~95% RH	-10℃~55℃, 10%~95% RH	-10℃~+45℃, 10%~90%RH	-10℃~+45℃, 10%~90%RH
Case Size	3U	3U	4U	4U

NVR AI

Based on deep learning technology, Tiandy NVR has face recognition function for cameras with/without facial capture function, which is widely used in hospitals, gas stations, supermarkets for attendance and personnel identification. With Tiandy face capture camera, multi-channel face recognition can be achieved with higher accuracy. Tiandy offers a variety of face recognition devices. The 10-way AI NVR provides a cost-efficient face recognition solution.

Model	TC-R3210 Spec:I/F
Video Input	10-ch
Decoding Format	S+265/H.265/H.264
Input/output Bandwidth	80Mbps/80Mbps
Recording Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/ VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding	1×4MP, 2×3MP, 3×1080P, 6×720P
HDD (SATA)	2 HDDs
eSATA	N/A
RAID	N/A
POE	N/A
Audio Input	1-ch, 3.5mm
Audio Output	1×RCA
Alarm I/O	0/1
HDMI/VGA	1/1
Face Library/Pictures	300/100, 000
Face Recognition Capability	1 Video Stream, 5 Picture Stream
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, crowed, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking guard, Auto tracking, Face picture gallery, Face recognition
Network Interface	1xRJ45 self-adaptive 10/100 Mbps network interface
Power supply	DC12V, <10W (without HDD)
Working temperature	-10°C~55°C, 10%~95% RH
Case Size	1U

K1000 Product Description

Tiandy K1000 storage platform all-in-one is an economical and practical product built on the basis of K2000 video integrated platform all-in-one (medium-sized project within 2000 video points). It is suitable for the general comprehensive security business scenes of the whole industry, such as parks, buildings, commercial complexes, hospitals, stores, museums, scenic spots, etc. Being set with English Web management interface, it can also manage 1000 video channels and support set with 8 hard disks.

K2000 Product Description

K2000 video integrated platform, built-in integrated management platform, streaming media middleware, with video preview, video storage, video playback download, Raid management, video decoding, TV-wall, electronic map, port alarm input/output and other functions. K2000 is applicable to parks, buildings, commercial complexes, hospitals, stores, museums, scenic spots and other industry-wide general comprehensive security business scenarios. It is English Web management interface. With functions of management, storage, decoding and forwarding, it can manage 2000 video channels, support access to 24 hard disks.

Model		
	TC-S3608 Spec:T/2U/V3.0	TC-S36424 Spec:T/4U/V5.0
Processor	64-bit multi-core processor	64-bit multi-core processor
Data Disk	Support 2.5 "or 3.5" SATA; A standard 4T enterprise-class hard disk is used as a data disk (occupying one disk slot) and cannot store videos. In SATA 1 port	Support 2.5 "or 3.5" SATA; A standard 4T enterprise-class hard disk is used as a data disk (occupying one disk slot) and cannot store videos. In SATA 1 port
Operating System	Centos7.6（Linux）	Centos7.6（Linux）
Hard Disk Storage	1.Supports access to 8 hard disks through the front panel 2.Supports monitoring and enterprise hard disks, and stores videos and pictures on the access platform	1.Supports access to 24 hard disks through the front panel 2.Supports monitoring and enterprise hard disks, and stores videos and pictures on the access platform
Array Type	Support Raid 0/1/5/6/10/50/60	Support Raid 0/1/5/6/10/50/60
Management Route	1000	2000
Maximum of concurrent storage channels	180	180
Access Bandwidth	512M	512M
Forwarding Bandwidth	400M	400M
Video Interface	2*HDMI	2*HDMI
USB Interface	2 USB2.0; 2 USB3.0	2 USB2.0; 2 USB3.0
String Interface	2（RS-485）; 1（RS-232）	2（RS-485）; 1（RS-232）
Alarm Input/Output	8 In & 4 Out	8 In & 4 Out
SATA	8	24
Network Interface	4*RJ45.1000Mbps	4*RJ45.1000Mbps
Case Size	2U	4U
Power Supply	AC220V;50Hz	AC200V~AC240V;50Hz
Quantity of Power Supply	1（350W）	1（550W）
Power Consumption	Power rating: 350W	Power rating: 550W
Operating Temperature	5℃～40℃	5℃～40℃
Operating Humidity	10%～90%（ON Condensation）	10%～90%（ON Condensation）
Dimension	535mm(L)×446mm(W)×88.5mm(H)	534mm(L)×446mm(W)×173mm(H)
Functional Characteristics	Storage, Management, Decoding, management three-in-one, support Onvif, support electronic map, video playback, video preview, decoding on the wall and other platform management functions, support monitoring level and enterprise hard disk	Storage, Management, Decoding, management three-in-one, support Onvif, support electronic map, video playback, video preview, decoding on the wall and other platform management functions, support monitoring level and enterprise hard disk

Keyboard

USB keyboard is a control device
with joystick that can realize convenient
PTZ operation, Screen switching control, etc.
- Powerful contro capability
- Easy connection
- Flexible joystick
- Multiple combination key

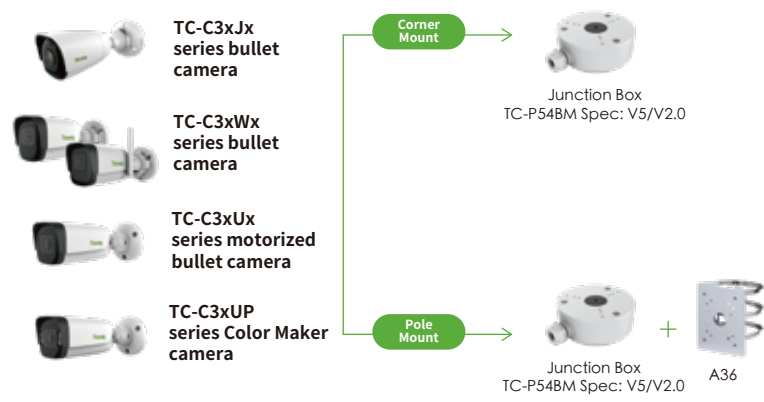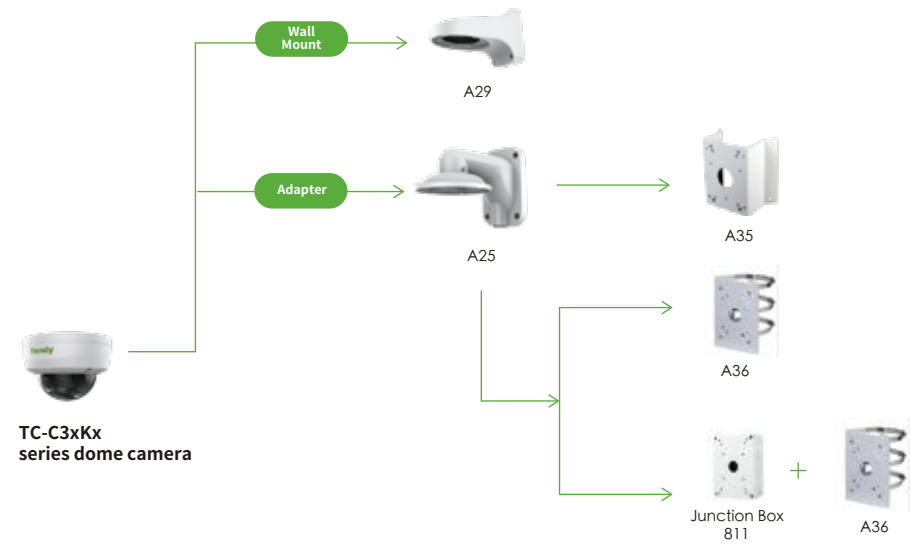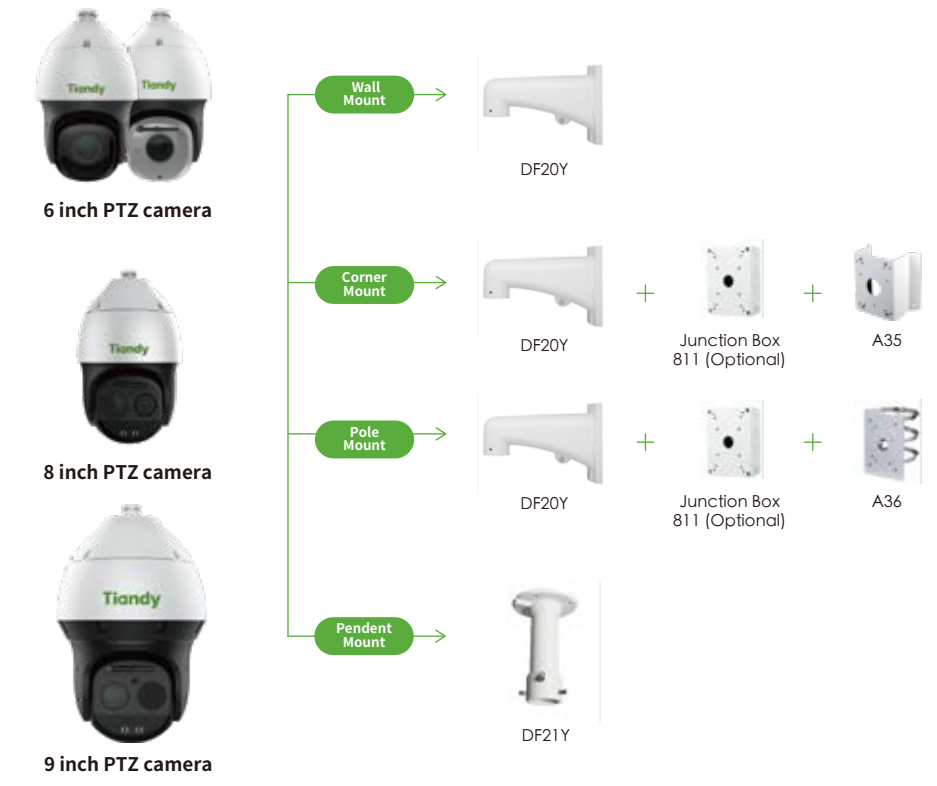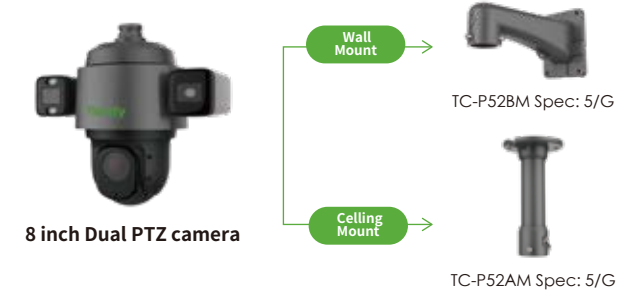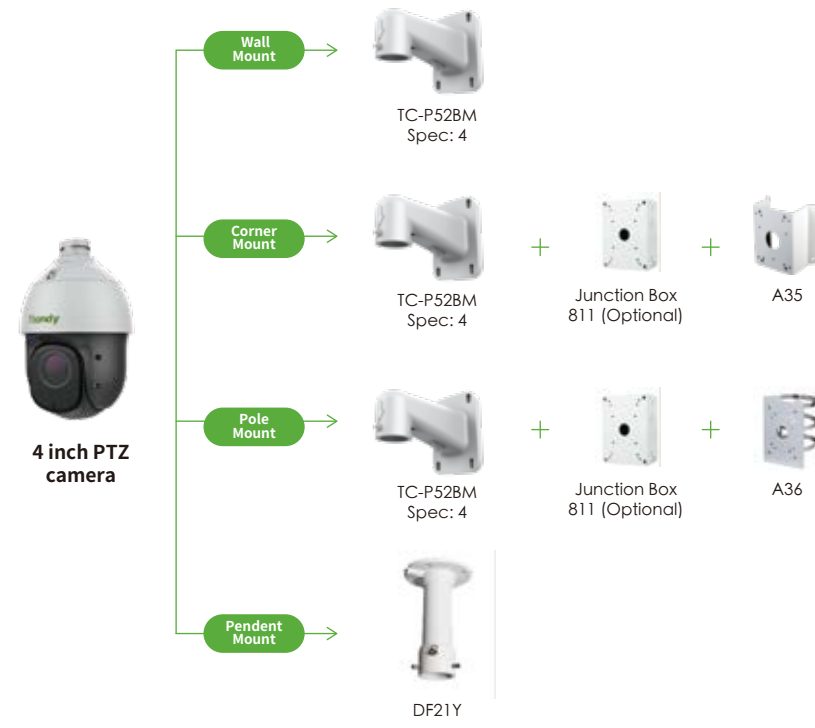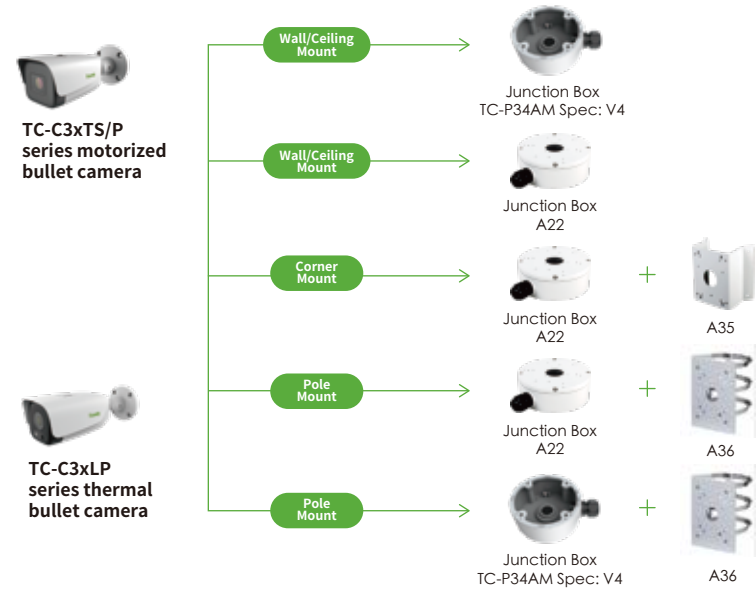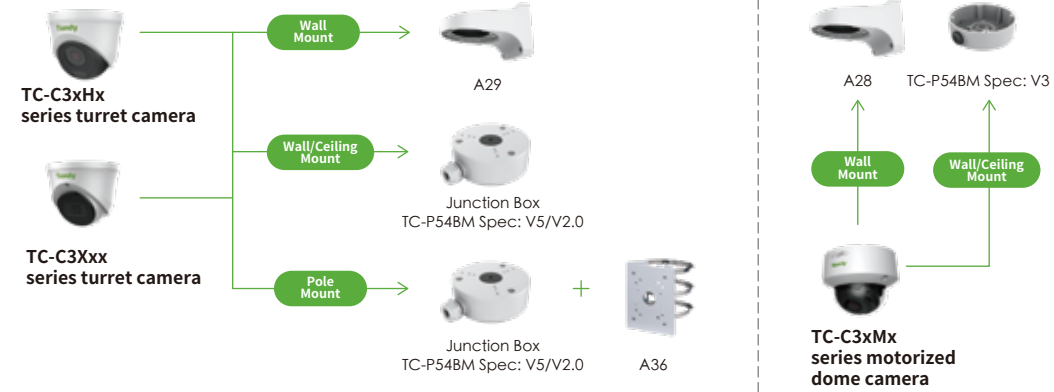| Model	TC-C312 Spec:V1.0
Control Interface	USB mode
Power	DC5V±10%
protocols	USB HID protocol
Array Type	LCD screen
9 Keys	Yes
Joystick	Yes
Size	158*150*107 mm
Temperature	-10~55℃
Supply	Multi-user access control, Controls NVR, K1000,K2000, Decoder, Work with Easy7 Smart via USB port

Platform Server

A system solution based on easy7 CMS, which combines the characteristics of storage business and network storage reliability requirements to meet the high-performance for input and output of structured and unstructured data such as videos and images, and forms a cost-effective data storage solution.
It is suitable for medium and large projects, the software supports flexible expansion of points and modules, streaming media forwarding, file storage, and is used to store images such as huamn faces and vehicles.

Model	TC-S3154 Spec:T/6/4T/O/V2.0	TC-U3224R Spec:S/C/T	TC-S3444 Spec:T/6/V2.0
Processor	64-bit multi-core processor	64-bit multi-core processor	64-bit multi-core processor
Data Disk	64 GB SSD System Disk	64 GB SSD System Disk	64 GB SSD System Disk
Operating System	openEuler	-	openEuler
Hard Disk Storage	Equipped with 64 GB SSD system disk and 4 TB enterprise-class data data disk, it supports a total of four 1T-8T disks	24 3.5 "SATA enterprise hard disks	Built-in SSD system disk supports four 1T to 8T hard disks; Supports 2.5 "or 3.5" SATA
Management Route	Default 200	-	-
	Maximum 50000 (Need License)	-	-
Access Bandwidth	-	512M	2048M
Forwarding Bandwidth	-	512M	2048M
Video Interface	2*HDMI	2*HDMI	2*HDMI
USB Interface	2 USB2.0；2 USB3.0	2 USB2.0；2 USB3.0	2 USB2.0；2 USB3.0
String Interface	2（RS-485）；1（RS-232）	2（RS-485）；1（RS-232）	-
Alarm Input/Output	-	8 In & 4 Out	-
SATA	4	24	4
Network Interface	4*RJ45.1000Mbps	4*RJ45.1000Mbps	4*RJ45.1000Mbps
Case Size	1U	4U	1U
Power Supply	AC200V~AC240V;50Hz	AC100V~AC240V;50Hz	AC100V~AC240V;50Hz
Quantity of Power Supply	1	1（550W）	1
Power Consumption	Power rating：250W	Power rating：550W	Power rating：250W
Operating Temperature	5℃ - 40℃	5℃ - 40℃	5℃ - 40℃
Operating Humidity	10% - 90%（ON Condensation）	10% - 90%（ON Condensation）	10% - 90%（ON Condensation）
Dimension	670mm(L)×433mm(W)×43.5mm(H)	542mm(L)* 446.6mm(W)* 173.8mm(H)	671.5mm(L)×433mm(W)×43.5mm(H)

Mount Accessories

TC-C3xHx series turret camera

Wall Mount

A29

Wall/Ceiling Mount

Junction Box TC-P54BM Spec: V5/V2.0

TC-C3Xxx series turret camera

Pole Mount

Junction Box TC-P54BM Spec: V5/V2.0

A36

A28 TC-P54BM Spec: V3

Wall Mount

Wall/Ceiling Mount

TC-C3xMx series motorized dome camera

TC-C3xTS/P series motorized bullet camera

Wall/Ceiling Mount

Junction Box TC-P34AM Spec: V4

Wall/Ceiling Mount

Junction Box A22

Corner Mount

Junction Box A22

A35

TC-C3xLP series thermal bullet camera

Pole Mount

Junction Box A22

A36

Pole Mount

Junction Box TC-P34AM Spec: V4

A36

TC-C3xKx series dome camera

Wall Mount

A29

Adapter

A25

A35

A36

Junction Box 811

A36

TC-C3xJx series bullet camera

TC-C3xWx series bullet camera

Corner Mount

Junction Box TC-P54BM Spec: V5/V2.0

TC-C3xUx series motorized bullet camera

TC-C3xUP series Color Maker camera

Pole Mount

Junction Box TC-P54BM Spec: V5/V2.0

A36

4 inch PTZ camera

Wall Mount

TC-P52BM Spec: 4

Corner Mount

TC-P52BM Spec: 4

Junction Box 811 (Optional)

A35

Pole Mount

TC-P52BM Spec: 4

Junction Box 811 (Optional)

A36

Pendent Mount

DF21Y

8 inch Dual PTZ camera

Wall Mount

TC-P52BM Spec: 5/G

Ceiling Mount

TC-P52AM Spec: 5/G

6 inch PTZ camera

Wall Mount

DF20Y

8 inch PTZ camera

Corner Mount

DF20Y

Junction Box 811 (Optional)

A35

Pole Mount

DF20Y

Junction Box 811 (Optional)

A36

9 inch PTZ camera

Pendent Mount

DF21Y