

Tiandy

SMART IP SOLUTION

Super Starlight·Color Maker·Turbo AI·Early Warning

Lite / Pro / Ultra
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 2004, Tiandy Technologies is a world-leading intelligent surveillance solution and service provider positioned in full color full time, ranking No.7 in the surveillance field. As a world leader in video surveillance industry, 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 are being the first in the industry to 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 also the first in the industry to be 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.

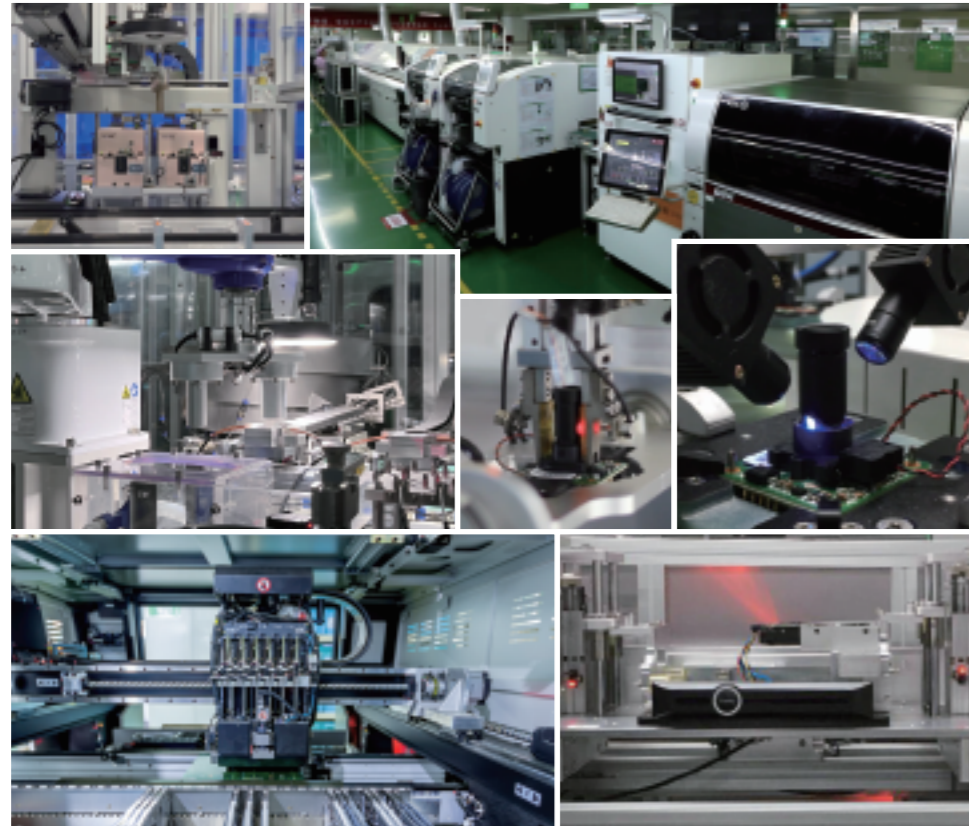


2022 WORLD SECURITY TOP50 BY A&S MAGAZINE



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.

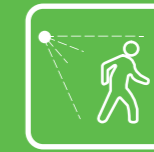
TECHNOLOGY HIGHLIGHTS



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



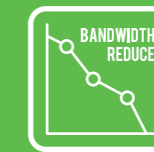
Plugin Free
No ActiveX



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

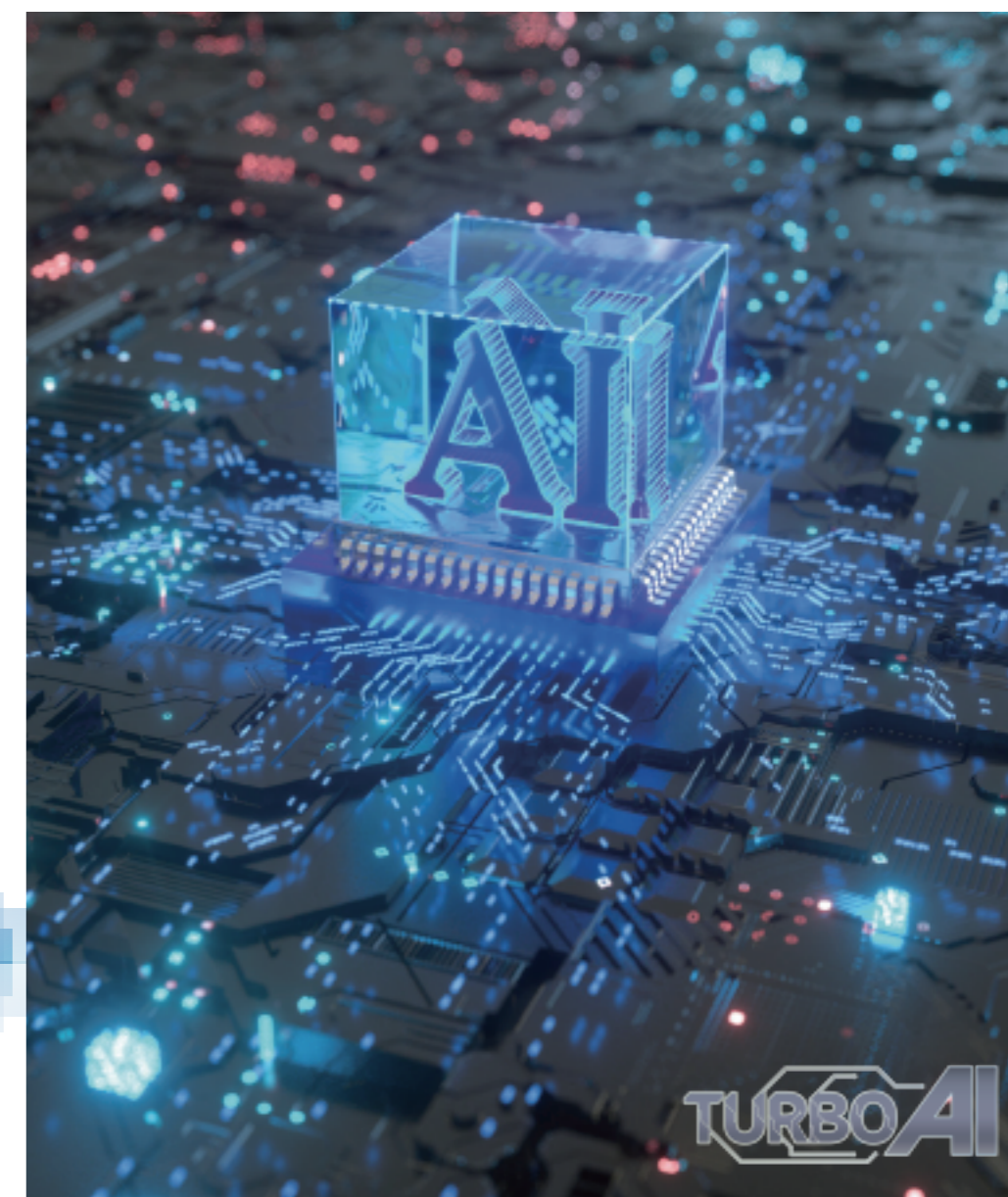
COLOR MAKER

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

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



PANORAMIC LASER PTZ

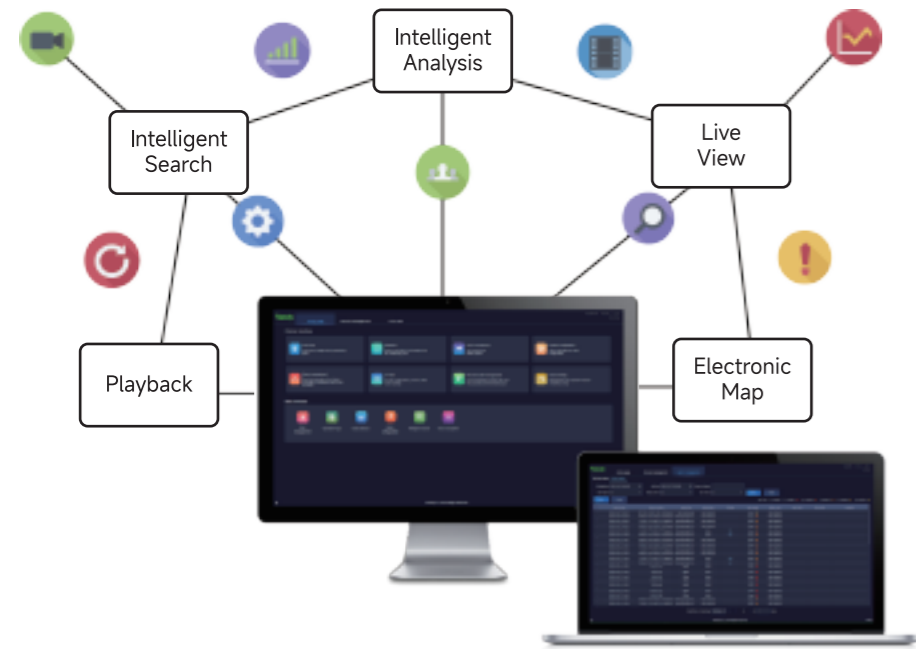
HIGHLIGHTS

- 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



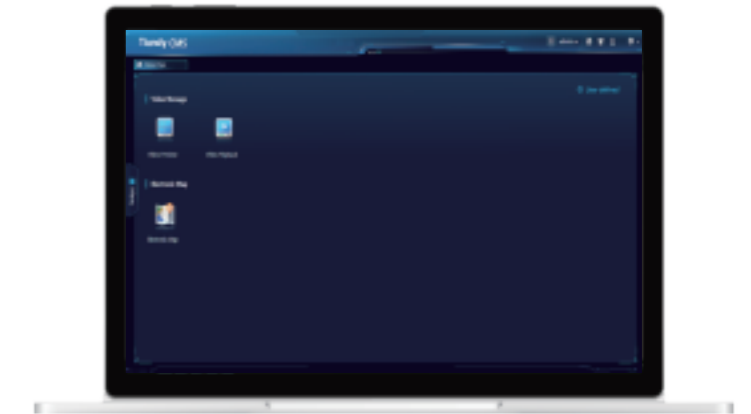
Easy7 Smart Client Express Easy7 Smart Client Express is an independent video management software based on macOS (64bits) and Windows (64bits) Operation system for Tiandy IP cameras, PTZs, NVRs, decoders etc. Up to 512 channels can be connected to Easy7 Smart Client Express. It supports functions like 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 (بِتْرَا), originally known to its inhabitants 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.

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	S+265	S+265	S+265	S+265	LITE STAR	LITE STAR
						
	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-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	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
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max.image resolution	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	4MP(2560×1440)@25fps	4MP(2560×1440)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@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@ (F1.6, AGC ON), B/W: 0Lux with IR	Color: 0.02Lux@ (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
Lens	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
Video compression	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
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	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, 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	Motion Detection, Mask Alarm, IP Address Conflict
VCA	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter
Audio I/O	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
Memory slot	N/A	N/A	N/A	N/A	Built-in Micro SD card slot, up to 512 GB	Built-in Micro SD card slot, up to 512 GB
Reset Button	N/A	N/A	N/A	N/A	Yes(Built in)	Yes(Built in)
System compatibility	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)
IR LEDs	2	2	2	2	2	2
IR range	Up to 50 m	Up to 30 m	Up to 50m	Up to 30m	Up to 50 m	Up to 30 m
White LEDs Range	N/A	N/A	N/A	N/A	N/A	N/A
Power supply	PoE (802.3af)	PoE (802.3af)	PoE(802.3af)	PoE(802.3af)	PoE (802.3af)	PoE (802.3af)
Protection Level	IP67	IP66	IP67	IP66	IP67	IP66
Working temperature	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH
Material	Metal+Plastic	Metal+Plastic	Metal+Plastic	Metal+Plastic	Metal+Plastic	Metal+Plastic






Model	 LITE STAR	 LITE STAR	 LITE STAR	 LITE STAR	 NEW MAR
	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	TC-C34KS Spec: I3/E/Y/C/SD/2.8mm/V4.2	TC-H332N Spec: I2W/WIFI/4mm/V4.0
Image sensor	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.8" CMOS
Max. image resolution	2MP (1920×1080)@25fps	4MP (2560×1440)@25fps	4MP (2560×1440)@25fps	4MP (2560×1440)@25fps	3MP (2304×1296)@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 LED on	Color: 0.002Lux@ (F1.6, AGC ON), B/W: 0Lux with LED on	Color: 0.02Lux@ (F2.0, AGC ON), B/W: 0Lux with IR
Lens	2.8mm	2.8mm/4mm	2.8mm	2.8mm	4mm
Video compression	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
WDR	120dB	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	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	IP Address Conflict
VCA	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	N/A
Audio I/O	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O	N/A	N/A	N/A	N/A	N/A
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 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
System compatibility	ONVIF (Profile S/T/G), SDK, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T), SDK, P2P (Mutually exclusive with Onvif)
IR LEDs	8	2	2	8	4
IR range	Up to 30 m	Up to 50m	Up to 30m	Up to 30m	Up to 20m
White LEDs Range	N/A	N/A	N/A	N/A	10m
Power supply	PoE (802.3af)	PoE (802.3af)	PoE (802.3af)	PoE (802.3af)	DC 12V±25%
Protection Level	IP66 IK10	IP67	IP66	IP66, IK10	N/A
Working temperature	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH	-30°C~60°C, 0~95% RH	-10°C~45°C, 0~95% RH
Material	Metal+Plastic	Metal+Plastic	Metal+Plastic	Metal+Plastic	Plastic

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 frequently 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.






Model	COLOR MAKER-TR-LIGHT	COLOR MAKER-TRI-LIGHT	COLOR MAKER-TR-LIGHT	COLOR MAKER-TRI-LIGHT	COLOR MAKER	COLOR MAKER
						
	TC-C32WP Spec: I5W/E/Y/(M)/2.8mm/V4.2 TC-C32WP Spec: I5W/E/Y/(M)/4mm/V4.2	TC-C32XP Spec: I3W/E/Y/(M)/2.8mm/V4.2	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/(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/(M)/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	1/2.8" CMOS
Max.image resolution	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	4MP (2592×1520)@25fps	4MP (2592×1520)@25fps	4MP (2592×1520)@25fps	4MP (2592×1520)@25fps
Min. illumination	Color: 0.0008Lux@ (F1.6, AGC ON), 0Lux with LED on	Color: 0.0008Lux@ (F1.6, AGC ON), B/W: 0Lux with LED 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:0.0008Lux@ (F1.0, AGC ON), 0Lux with LED on	Color:0.0008Lux@ (F1.0, AGC ON), 0Lux with LED on
Lens	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
Video compression	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
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, 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	Motion Detection, Mask Alarm, IP Address Conflict
VCA	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire, Perimeter	Tripwire, Perimeter
Audio I/O	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
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 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(Built in)	Yes	Yes(Built in)
System compatibility	ONVIF (Profile S/T/G),SDK, CGI (IE), P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, CGI (IE), P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI (IE), P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI (IE), P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G),SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G),SDK, Milestone, P2P (Mutually exclusive with Onvif)
IR LEDs	2	2	2	2	N/A	N/A
IR range	up to 50m	up to 30m	Up to 50m	Up to 30m	N/A	N/A
White LEDs Range	10m	10m	10m	10m	10m	10m
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP67	IP66	IP67	IP66	IP67	IP66
Working temperature	-35°C-60°C, 0-95% RH	-35°C-60°C, 0-95% RH	-35°C-60°C, 0-95% RH	-35°C-60°C, 0-95% RH	-40°C-65°C, 0-95% RH	-40°C-65°C, 0-95% RH
Material	Default: Metal+Plastic; M:Metal	Default: Metal+Plastic; M:Metal	Default: Metal+Plastic; M:Metal	Metal+Plastic	Metal+Plastic	Default: Metal+Plastic; M:Metal

Model	COLOR MAKER	S+265	S+265	S+265	LITE STAR	LITE STAR
						
	TC-C34UP Spec: W/E/Y/M/4mm/V4.0	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/(M)/2.8mm/V4.1	TC-C32KN Spec: I3/E/Y/2.8mm/V4.1	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/(M)/2.8mm/V4.0
Image sensor	1/1.8" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max.image resolution	4MP (2560×1440)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	5MP (2592×1944)@20fps	5MP (2592×1944)@20fps
Min. illumination	Color: 0.0002Lux@ (F1.0, AGC ON), B/W: 0Lux with LED on	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: 0.002Lux@ (F1.6, AGC ON), B/W: 0Lux with IR	Color: 0.002Lux@ (F1.6, AGC ON), B/W: 0Lux with IR
Lens	4mm	2.8mm/4mm	2.8mm	2.8mm	2.8mm	2.8mm
Video compression	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
WDR	120dB	Digital WDR	Digital WDR	Digital WDR	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, 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	Motion Detection, Mask Alarm, IP Address Conflict
VCA	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter
Audio I/O	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
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 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	Yes(Built in)
System compatibility	ONVIF (Profile S/T/G),SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G),SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G),SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G),SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI (IE), P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI (IE), P2P (Mutually exclusive with Onvif)
IR LEDs	N/A	2	2	8	8	2
IR range	N/A	Up to 50m	Up to 30m	Up to 30m	Up to 50m	Up to 30m
White LEDs Range	20m	N/A	N/A	N/A	N/A	N/A
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP67	IP67	IP66	IP67, IK10	IP67	IP66
Working temperature	-40°C-60°C, 0-95% RH	-40°C-65°C, 0-95% RH	-40°C-65°C, 0-95% RH	-35°C-65°C, 0-95% RH	-40°C-65°C, 0-95% RH	-40°C-65°C, 0-95% RH
Material	Metal	Default: Metal+Plastic; M:Metal	Default: Metal+Plastic; M:Metal	Metal+Plastic	Default: Metal+Plastic; M:Metal	Default: Metal+Plastic; M: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-C32WN Spec: I5/Y/WIFI/2.8mm/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	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max.image resolution	5MP (2592×1944)@20fps	8MP (3840×2160)@20fps	8MP (3840×2160)@20fps	8MP (3840×2160)@20fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps
Min. illumination	Color: 0.002Lux@ (F1.6, AGC ON) B/W: 0Lux with IR	Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0Lux with IR	Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0Lux with IR	Color: 0.01Lux@ (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
Lens	2.8mm	2.8mm/4mm	2.8mm	2.8mm	4mm	2.8mm
Video compression	S+265/H.265/H.264	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	S+265/H.265/H.264
WDR	120dB	120dB	120dB	120dB	Digital WDR	Digital WDR
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC/Corridor Format	BLC/3D DNR/HLC/Corridor Format	BLC/3D DNR/HLC/Corridor Format	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, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception, Voltage Abnormal	Motion Detection, Mask Alarm, IP Address Conflict, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception, Voltage Abnormal	Motion Detection, Mask Alarm, IP Address Conflict, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception, Voltage Abnormal	Motion Detection, Mask Alarm, IP Address Conflict	Motion Detection, Mask Alarm, IP Address Conflict
VCA	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	Tripwire/Perimeter	N/A	N/A
Audio I/O	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
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 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	Yes
System compatibility	ONVIF (Profile S/T/G), SDK, Milestone, CGI (IE), P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, P2P (Mutually exclusive with Onvif)
IR LEDs	8	2	2	8	2	8
IR range	Up to 30m	Up to 50m	Up to 30m	Up to 30m	Up to 50m	Up to 30m
White LEDs Range	N/A	N/A	N/A	N/A	N/A	N/A
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%	DC 12V±25%
Protection Level	IP67, IK10	IP67	IP66	IP67, IK10	IP67	IP67, IK10
Working temperature	-40°C~65°C, 0~95% RH	-40°C~65°C, 0~95% RH	-40°C~65°C, 0~95% RH	-40°C~65°C, 0~95% RH	-35°C~65°C, 0~95% RH	-35°C~65°C, 0~95% RH
Material	Metal+Plastic	Metal	Metal	Metal+Plastic	Metal+Plastic	Metal+Plastic

Model					
					
	TC-H334S Spec:I5/W/C/WIFI/4mm/V4.1	TC-C32WS Spec: I5/E/Y/C/H/2.8mm/V4.0 TC-C32WS Spec: I5/E/Y/C/H/4mm/V4.0	TC-C32XS Spec: I3/E/Y/C/H/2.8mm/V4.0	TC-C32KS Spec: I3/E/Y/C/H/2.8mm/V4.0	TC-C32US Spec: I8/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.image resolution	3MP (2304×1296)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps
Min. illumination	Color:0.02Lux@ (F1.6, AGC ON), 0Lux with LED 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
Lens	4mm	2.8mm/4mm	2.8mm	2.8mm	2.7-13.5mm
Video compression	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
WDR	Digital WDR	2	2	2	2
Video Enhancement	BLC/3D DNR/HLC	120dB	120dB	120dB	120dB
Alarm Trigger	IP Address Conflict	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Autotracking	Tripwire, Perimeter	Tripwire, Perimeter	Tripwire, Perimeter	Tripwire, Perimeter
Audio I/O	Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	N/A	1/1	1/1	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	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
System compatibility	ONVIF (Profile S/T), SDK, Milestone, P2P (Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G),SDK, CGI (IE), P2P(Mutually exclusive with Onvif)
IR LEDs	2	2	2	8	4
IR range	Up to 50m	Up to 50m	Up to 30m	Up to 30m	Up to 80m
White LEDs Range	10m	N/A	N/A	N/A	N/A
Power supply	DC 12V±25%	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP67	IP67	IP66	IP66, IK10	IP67
Working temperature	-30°C~60°C, 0~95% RH	-35°C~65°C, 0~95% RH	-35°C~65°C, 0~95% RH	-35°C~65°C, 0~95% RH	-35°C~60°C, 0~95% RH
Material	Metal+Plastic	Metal+Plastic	Metal+Plastic	Metal+Plastic	Metal

Model	 FULL	 FULL	 FULL	 FULL	 FULL	 FULL
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.image resolution	2MP (1920×1080)@25fps	5MP (2592×1944)@20fps	5MP (2592×1944)@20fps	5MP (2592×1944)@20fps	5MP (2592×1944)@20fps	5MP (2592×1944)@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	Color: 0.002Lux@ (F1.6, AGC ON), B/W: 0Lux with IR
Lens	2.7-13.5mm	2.8mm/4mm	2.8mm	2.8mm	2.7-13.5mm	2.7-13.5mm
Video compression	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
WDR	2	2	2	2	2	2
Video Enhancement	120dB	120dB	120dB	120dB	120dB	120dB
Alarm Trigger	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, Perimeter	Tripwire, Perimeter	Tripwire, Perimeter	Tripwire, Perimeter	Tripwire, Perimeter	Tripwire, Perimeter
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	1/1	1/1	1/1	1/1	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	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	Yes
System compatibility	ONVIF (Profile S/T/G), SDK, CGI (IE), P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, CGI (IE), P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, CGI (IE), P2P(Mutually exclusive with Onvif)
IR LEDs	18	2	2	8	4	2
IR range	Up to 30m	Up to 50m	Up to 30m	Up to 30m	Up to 80m	Up to 30m
White LEDs Range	N/A	N/A	N/A	N/A	N/A	N/A
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP66, IK10	IP67	IP66	IP66, IK10	IP67	IP66
Working temperature	-35°C-65°C, 0-95% RH	-35°C-65°C, 0-95% RH	-35°C-65°C, 0-95% RH	-35°C-65°C, 0-95% RH	-35°C-60°C, 0-95% RH	-35°C-60°C, 0-95% RH
Material	Metal	Metal+Plastic	Metal+Plastic	Metal+Plastic	Metal	Metal

Model	 FULL	 FISHEYE
Image sensor	1/2.8" CMOS	1/2.8" CMOS
Max.image resolution	5MP (2592×1944)@20fps	5MP (2592×1944)@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
Lens	2.7-13.5mm	1.4mm
Video compression	S+265/H.265/H.264	S+265/H.265/H.264/M-JPEG
WDR	2	3
Video Enhancement	120dB	120dB
Alarm Trigger	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Perimeter	Tripwire, Double Tripwire, Perimeter, Heatmap
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	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
Reset Button	Yes	N/A
System compatibility	ONVIF (Profile S/T/G), SDK, CGI (IE), P2P(Mutually exclusive with Onvif)	ONVIF (Profile S/T/G), SDK, Milestone, CGI, P2P
IR LEDs	18	3
IR range	Up to 30m	Up to 30m
White LEDs Range	N/A	N/A
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP66, IK10	N/A
Working temperature	-35°C-60°C, 0-95% RH	-10°C-50°C, 0-95% RH
Material	Metal	Metal+Plastic

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:13/E/Y/M/H/2.8mm/V4.2 TC-C32PS Spec:13/E/Y/M/H/4mm/V4.2	TC-C35PS Spec:13/E/Y/M/H/2.8mm/V4.2 TC-C35PS Spec:13/E/Y/M/H/4mm/V4.2	TC-C32WS Spec:15/E/Y/M/S/H/2.8mm/V4.0 TC-C32WS Spec:15/E/Y/M/S/H/4mm/V4.0	TC-C32XS Spec:13/E/Y/M/S/H/2.8mm/V4.0	TC-C32US Spec:18/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C32SS Spec:13/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	1/2.8" CMOS
Max.image resolution	2MP(1920×1080)@25fps	5MP(2880×1620)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)@25fps	2MP (1920×1080)
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
Lens	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm	2.8mm	2.7-13.5mm	2.7-13.5mm
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
Streams	3	3	3	3	3	3
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC/Corridor Format	BLC/3D DNR/HLC/Corridor Format	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	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, Human/Vehicle Classification
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	1/1	1/1	1/1	1/1	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	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, Milestone, CGI, P2P	ONVIF (Profile S/T/G/M), SDK, Milestone, CGI, P2P	ONVIF (Profile S/T/G/M), SDK, Milestone, CGI, P2P	ONVIF (Profile S/T/G/M), SDK, Milestone, CGI, P2P	ONVIF (Profile S/T/G/M), SDK, Milestone, CGI, P2P	ONVIF (Profile S/T/G/M), SDK, Milestone, CGI, P2P
IR LEDs	2	2	2	2	4	2
IR range	Up to 30m	Up to 30m	Up to 50m	Up to 30m	Up to 80m	Up to 30m
White LEDs Range	N/A	N/A	N/A	N/A	N/A	N/A
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP67, IK10	IP67, IK10	IP67	IP66	IP67	IP66
Working temperature	-35°C-65°C, 0-95% RH	-40°C-65°C, 0-95% RH	-40°C-65°C, 0-95% RH	-40°C-65°C, 0-95% RH	-35°C-60°C, 0-95% RH	-35°C-65°C, 0-95% RH
Material	Metal	Metal	Metal	Metal	Metal	Metal

Model	TC-C38TS Spec: 18/A/E/Y/M/H/2.7-13.5mm/V4.0	TC-C38SS Spec: 15/A/E/Y/M/H/2.7-13.5mm/V4.0	TC-C38MS Spec: 15/A/E/Y/M/H/2.7-13.5mm/V4.0
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max.image resolution	8MP (3840×2160)@25fps	8MP (3840×2160)@25fps	8MP (3840×2160)@25fps
Min. illumination	Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0Lux with IR	Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0Lux with IR	Color: 0.01Lux@ (F1.6, AGC ON), B/W: 0Lux with IR
Lens	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
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
Streams	3	3	3
WDR	120dB	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC/Corridor Format	BLC/3D DNR/HLC/Corridor Format	BLC/3D DNR/HLC/Corridor Format
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Safety Helmet Detection, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Safety Helmet Detection, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Safety Helmet Detection, Human/Vehicle Classification
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	2/1	2/1	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/M), SDK, Milestone, CGI, P2P	ONVIF (Profile S/T/G/M), SDK, Milestone, CGI, P2P	ONVIF (Profile S/T/G/M), SDK, Milestone, CGI, P2P
IR LEDs	4	2	18
IR range	Up to 80m	Up to 50m	Up to 50m
White LEDs Range	N/A	N/A	N/A
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP67	IP66	IP66, IK10
Working temperature	-35°C-65°C, 0-95% RH	-35°C-65°C, 0-95% RH	-35°C-65°C, 0-95% RH
Material	Metal	Metal	Metal

IPC Ultra

Ultra-Line is the high-end product line, in which 2MP/5MP/8MP bullet and dome camera with fixed/varifocal lens and 12MP fisheye camera are available. Ultra line, equipped with "Super Starlight" technology, early warning function as well as video analytics, is widely used in medium and large business projects.






Model	 EW	 EW
	TC-C35LP Spec:18/A/E/Y/M/H/2.7-13.5mm/V4.0	TC-C35MP Spec:15W/A/E/Y/M/H/2.7-13.5mm/V4.0
Image sensor	1/1.8" CMOS	1/1.8" CMOS
Max.image resolution	5MP (3072×1728)@25fps	5MP (3072×1728)@25fps
Min. illumination	Color: 0.0004Lux@ (F2.0, AGC ON), B/W: 0Lux with IR	Color: 0.0004Lux@ (F2.0, AGC ON), B/W: 0Lux with IR
Lens	2.7-13.5mm	2.7-13.5mm
Video compression	S+265/H.265/H.264/M-JPEG	S+265/H.265/H.264/M-JPEG
Streams	3	3
WDR	120dB	120dB
Video Enhancement	BLC/3D DNR/HLC/Corridor Format	BLC/3D DNR/HLC/Corridor Format
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture(Face Detection), Safety Helmet Detection, Human/Vehicle Classification	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture(Face Detection), Safety Helmet Detection, Human/Vehicle Classification
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	2/1	2/1
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), SDK, Milestone, CGI, P2P	ONVIF (Profile S/T/G), SDK, Milestone, CGI, P2P
IR LEDs	4	14
IR range	Up to 80m	Up to 50m
White LEDs Range	3	4
Power supply	DC 12V±25%, PoE (802.3af)	DC 12V±25%, PoE (802.3af)
Protection Level	IP67	IP66, IK10
Working temperature	-35°C~65°C, 0~95% RH	-35°C~65°C, 0~95% RH
Material	Metal	Metal

PTZ SMD

Smart Motion Detection (abbreviated as SMD) series PTZ are based on deep learning algorithm which supports Human/Vehicle classification, and VCA functions 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.






Model	 SMD	 SMD	 SMD
	TC-H324S Spec:23X/1/E/C/V3.0	TC-H324S Spec:23X/1/E/V3.0	TC-H324S Spec:25X/1/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	 TURBO AI+	 TURBO AI+	 TURBO AI+	 TURBO AI+	 TURBO AI+
	TC-H354S Spec:23X/I/E/V3.1	TC-H324S Spec:25X/I/E/A/V/V3.0	TC-H326S Spec:33X/I/E+/A/V3.0	TC-H326S Spec: 33X/I/E++/A	TC-H356S Spec: 30X/I/E++/A/V3.0
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	5MP (2880x1620)@25fps	2MP (1920x1080)@25fps	2MP (1920x1080)@25fps	2MP (1920x1080)@50fps	5MP (2880x1620)@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
WDR	120dB	120dB	120dB	120dB	120dB
Optical Zoom	23X	25X	33X	33X	30X
Digital Zoom	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
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
Auto-Tracking	N/A	Yes	Yes	Yes	Yes
Early Warning(EW)	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
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowd, 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, crowd, 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, crowd, 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, crowd, 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, crowd, 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	1/1	1/1
Alarm I/O	1/1	1/1	1/1	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	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
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
IR LEDs	7	6	10	10	10
IR Range	150m	150m	200m	200m	200m
White LEDs Range	N/A	N/A	N/A	N/A	N/A
Laser	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)
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
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	-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

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 threatening 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.



PTZ AEW



PTZ TURBO AI+

Model	 AEW	 AEW	 AEW
	TC-H326M Spec:44X/1W/A	TC-H356Q Spec: 30X/1W/E++/A/V3.0	TC-A3563 Spec: 44X/1/A
Image sensor	1/1.8" CMOS	1/2.8" 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
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, crowd, 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, crowd, 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, crowd, 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/G), 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

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	 LASER	 LASER
	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
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowd, 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, crowd, 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 on human face to display clearer details.





TC-A35555 Spec: 0/A/2.8-12mm/9-54mm




TC-H3169M Spec:63X/LW/P/A/AR

Model	TC-A35555	TC-H3169M
Image sensor	Panorama: 1/1.8" CMOS, Detail: 1/1.8" CMOS	Panorama: 1/1.8" CMOS, Detail: 1/1.8" CMOS
Max. Resolution	Panorama: 3072x1728@20fps;Detail: 3072x1728@20fps	Panorama: 5520x2400@25fps;Detail: 2560x1440@25fps
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
WDR	120dB	Panorama:Digital;Detail: 120dB
Optical Zoom	Panorama: 4X; Detail: 6X	Detail: 63X
Digital Zoom	Detail: 16X	Detail: 16X
Video Compression	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
Preset	Panorama: 256; Detail: 500	500
Auto-Tracking	Yes	Yes
Early Warning(EW)	Yes	Yes
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowd, 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, crowd, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification
Audio I/O	1/1, Built-in Mic*2	1/1
Alarm I/O	3/2	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), SDK, CGI, P2P	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P
IR LEDs	6	11
IR Range	100m	300m
White LEDs Range	30m	30m
Laser	N/A	500m
Power supply	AC24V±15%	DC36V±25%
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 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.















Model	 THERMAL TC-H358M Spec: 44X/IT/A
Thermal Sensor Type	Vanadium Oxide Uncooled Focal Plane Arrays
Thermal Length	Fixed 50mm
Resolution	384×288
Pixel Interval	17μm
Response Waveband	8μm~14μm
NETD	40mK@f/1.0
Measurement Range	3000m
Main Stream(Thermal)	384×288@25fps
Image sensor	1/1.8"
Resolution	3072×1728@25fps
Min. illumination	Color: 0.001lux@ (F1.6, AGC ON), B/W: 0lux with IR
WDR	120dB
Optical Zoom	44×
Video Enhancement	BLC/3D DNR/HLC
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, crowd, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture, Human/Vehicle Classification
Audio I/O	1/1
Alarm I/O	8/2
Memory slot	Built-in Micro SD card slot, up to 256 GB
System compatibility	ONVIF (PROFILE S/T/G), SDK, CGI, P2P
IR LEDs	11
IR Range	300m
White LEDs Range	30m
Power supply	DC36V±25%
Waterproof&dustproof	IP66
Working temperature	-40°C ~ 70°C (IR OFF), -40°C ~ 40°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-R3105 Spec: I/B/P/L/V1.1	TC-R3110 Spec: I/B/P8/L/S	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	
Video Input	5-ch	5-ch	10-ch	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	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/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
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, 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	2×8MP, 2×6MP, 3×5MP, 4×4MP, 5×3MP, 5×1080P, 5×720P, 5×4CIF
HDD (SATA)	1 HDD	1 HDD	1 HDD	1 HDD	1 HDD	1 HDD
RAID	N/A	N/A	N/A	N/A	N/A	N/A
POE	4×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	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	45W	70W	45W	70W	45W
Audio Input	N/A	N/A	N/A	1-ch, 3.5mm	1-ch, 3.5mm	1-ch, 3.5mm
Audio Output	N/A	N/A	N/A	1×RCA	1×RCA	1×RCA
Alarm I/O	N/A	N/A	N/A	0/1	4/1	4/1
HDMI/VGA	1/0	1/1	1/0	1/1	1/1	1/1
VCA	Motion Detection	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal	Motion Detection	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, 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 10/100 Mbps 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
Power supply	DC48V, ≤20W (without HDD)	DC48V, ≤20W (without HDD)	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	-10°C-55°C, 10%-95% RH	-10°C-55°C, 10%-95% RH
Case Size	1U	1U	1U	1U	1U	1U

Model					
					
TC-R3110 Spec: I/B/P8/K/V3.1	TC-R3210 Spec: I/B/P8/K/V3.1	TC-R3220 Spec: I/B/P16/K/V3.1	TC-R3220 Spec: I/B/P16/H	TC-R3440 Spec: I/B/P16/H	
Video Input	10-ch	10-ch	20-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	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	80Mbps/80Mbps	160Mbps/64Mbps	160Mbps/64Mbps	320Mbps/320Mbps	320Mbps/320Mbps
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	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	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, 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, 20×720P	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P
HDD (SATA)	1 HDD	2 HDDs	2 HDDs	2 HDDs	4 HDDs
RAID	N/A	N/A	N/A	N/A	JBOD, RAID0/1/5/6/10
POE	8×RJ45 self-adaptive 10/100 Mbps network interfaces	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	16×RJ45 self-adaptive 10/100 Mbps network interfaces
PoE Budget	70W	120W	200W	200W	200W
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×RCA	1×RCA
Alarm I/O	4/1	4/1	4/1	16/4	16/4
HDMI/VGA	1/1	1/1	1/1	1/1	1/1
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking guard, Auto tracking	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking guard, Auto tracking
Network Interface	1×RJ45 self-adaptive 10/100 Mbps 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 interface	1×RJ45 self-adaptive 10/100/1000 Mbps network interfaces
Power supply	DC48V, ≤20W (without HDD)	100-240V AC,50/60 Hz,≤25W (without HDD)	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	-10°C-55°C, 10%-95% RH	-10°C-55°C, 10%-95% RH
Case Size	1U	1U	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	CUBE 	CUBE 	LITE-N 	LITE-N 	LITE-N 	LITE-K 
	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	TC-R3110 Spec: I/B/K/V3.1
Video Input	5-ch	10-ch	5-ch	10-ch	20-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	S+265/H.265/H.264	S+265/H.265/H.264
Input/output Bandwidth	60Mbps/40Mbps	60Mbps/40Mbps	60Mbps/40Mbps	60Mbps/40Mbps	80Mbps/80Mbps	80Mbps/80Mbps
Recording Resolution	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	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, 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	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	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	1-ch, 3.5mm
Audio Output	N/A	N/A	1×RCA	1×RCA	1×RCA	1×RCA
Alarm I/O	N/A	N/A	N/A	N/A	N/A	4/I
HDMI/VGA	1/I	1/I	1/I	1/I	1/I	1/I
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, 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 10/100 Mbps 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	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°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	1U

Model	 LITE-K	 LITE-K	 LITE-K	 LITE-K	 LITE-K
	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	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
Input/output Bandwidth	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
Decoding	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	2 HDDs	2 HDDs	2 HDDs	4 HDDs
RAID	N/A	N/A	N/A	N/A	N/A
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×RCA	1×RCA
Alarm I/O	4/I	4/I	4/I	4/I	N/A
HDMI/VGA	1/1	1/1	1/1	1/1	1/1
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting
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	2xRJ45 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, ≤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
Case Size	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, automatically 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 simultaneous preview and 16 channels of 1080p video playback.



NVR PRO

NVR LITE

Model	 PRO	 PRO	 PRO	 HOT-SWAP	 HOT-SWAP
Video Input	40-ch	40-ch	80-ch	40-ch	40-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	320Mbps/320Mbps	640Mbps/320Mbps	640Mbps/320Mbps	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	2x12MP, 4x8MP, 4x6MP, 5x5MP, 8x4MP, 9x3MP, 16x1080P, 32x720P	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P
HDD (SATA)	4 HDDs	8 HDDs	8 HDDs	8 HDDs	8 HDDs
eSATA	N/A	1	1	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	1xRCA	1x3.5mm, 1xBNC	1x3.5mm, 1xBNC	1x3.5mm, 1xBNC	1x3.5mm, 1xBNC
Alarm I/O	16/4	16/4	16/4	16/4	16/4
HDMI/VGA	1/1	2/2 independent outputs	2/2 independent outputs	2/2 independent outputs	2/2 independent outputs
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, 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, Crowd, 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, Crowd, 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, Crowd, 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, Crowd, 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)	AC100-240V, 50/60HZ, ≤100W (without HDD)	AC100-240V, 50/60HZ, ≤100W (without HDD)	AC100-240V, 50/60HZ, ≤100W (without HDD)	AC100-240V, 50/60HZ, ≤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	-10°C~55°C, 10%~95% RH	-10°C~55°C, 10%~95% RH
Case Size	1.5U	2U	2U	2U	2U

Model	 HOT-SWAP	 HOT-SWAP	 HOT-SWAP	 HOT-SWAP
Video Input	80-ch	40-ch	80-ch	160-ch
Decoding Format	S+265/H.265/H.264	S+265/H.265/H.264	S+265/H.265/H.264	H.265/H.264
Input/output Bandwidth	640Mbps/320Mbps	640Mbps/320Mbps	640Mbps/320Mbps	1280Mbps/640Mbps
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
Decoding	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P	4x12MP, 6x8MP, 8x6MP, 9x5MP, 12x4MP, 16x3MP, 24x1080P, 48x720P	2x12MP, 4x8MP, 4x6MP, 5x5MP, 8x4MP, 9x3MP, 16x1080P, 32x720P
HDD (SATA)	8 HDDs	16 HDDs	16 HDDs	24 HDDs
eSATA	1	1	1	1
RAID	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10	JBOD, RAID0/1/5/6/10/50/60
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	1x3.5mm, 1xBNC	1x3.5mm, 1xBNC	1x3.5mm, 1xBNC	1x3.5mm
Alarm I/O	16/4	16/4	16/4	8/4
HDMI/VGA	2/2 independent outputs	2/2 independent outputs	2/2 independent outputs	2/2 independent outputs
VCA	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Motion Detection, Early Warning, Crowd, 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, Crowd, 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, Crowd, 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, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking
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	4xRJ45 self-adaptive 10/100/1000 Mbps network interfaces
Power supply	AC100-240V, 50/60HZ, ≤100W (without HDD)	AC100-240V, 50/60HZ, ≤100W (without HDD)	AC100-240V, 50/60HZ, ≤100W (without HDD)	AC100-240V, 50/60HZ, ≤550W (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	2U	3U	3U	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.



FACE RECOGNITION



TC-R3210 Spec: I/F

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, Crowd, On Duty Detection, Video Abnormal, Audio Abnormal, People Counting, Parking guard, Auto tracking, Face picture gallery, Face recognition
Network Interface	1×RJ45 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.



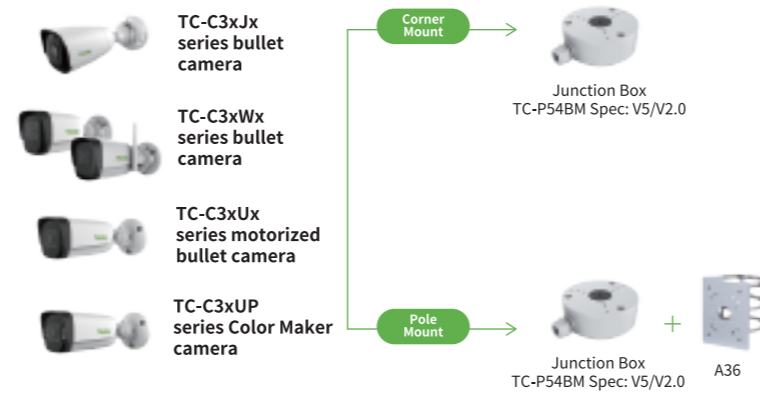
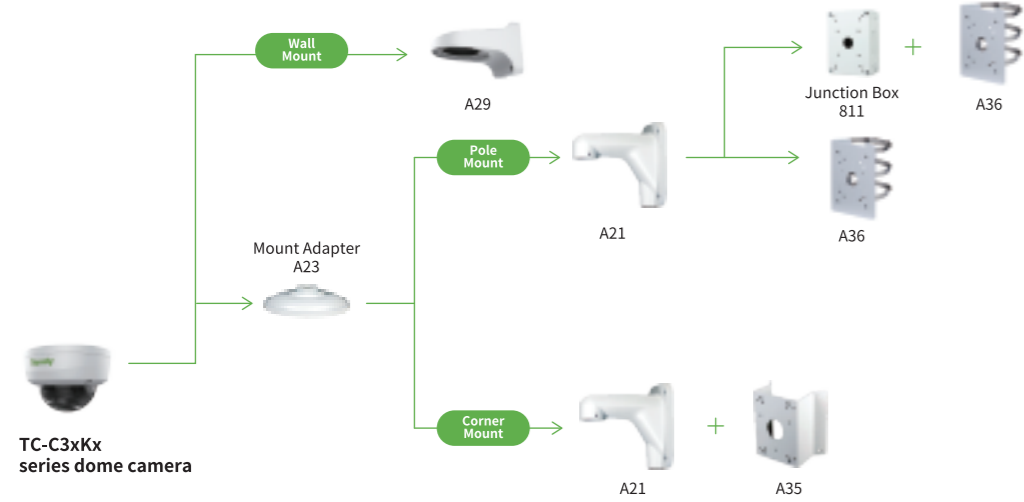
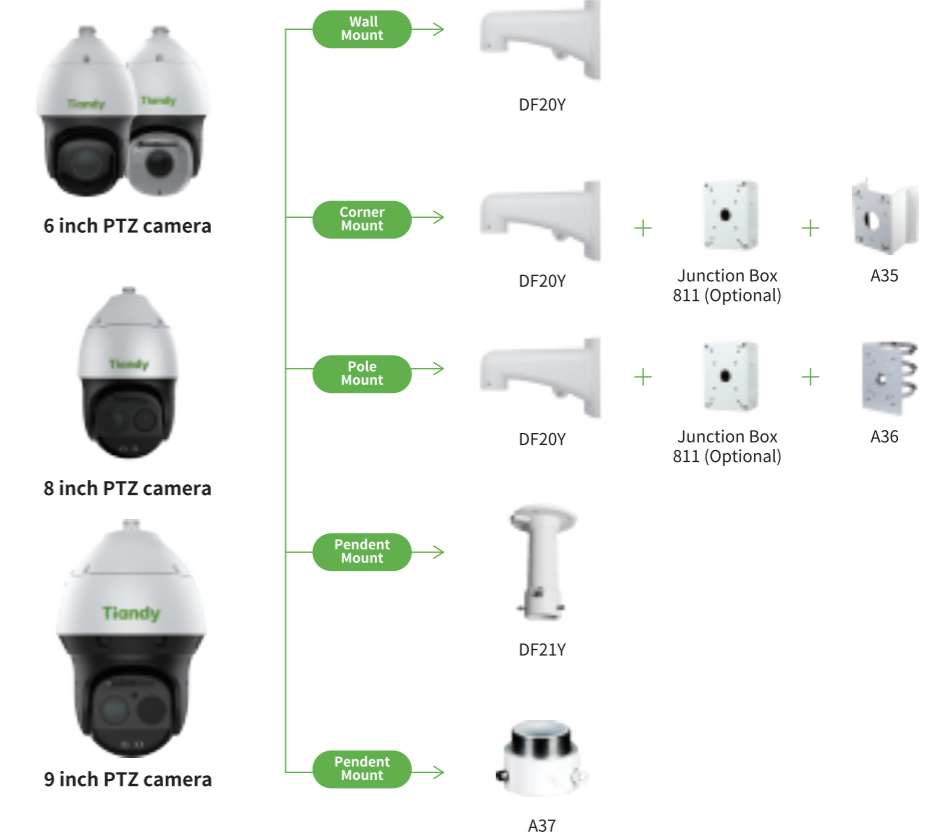
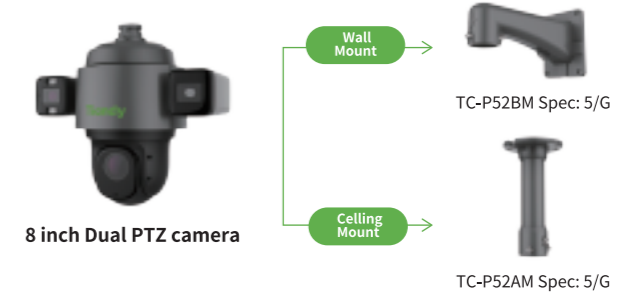
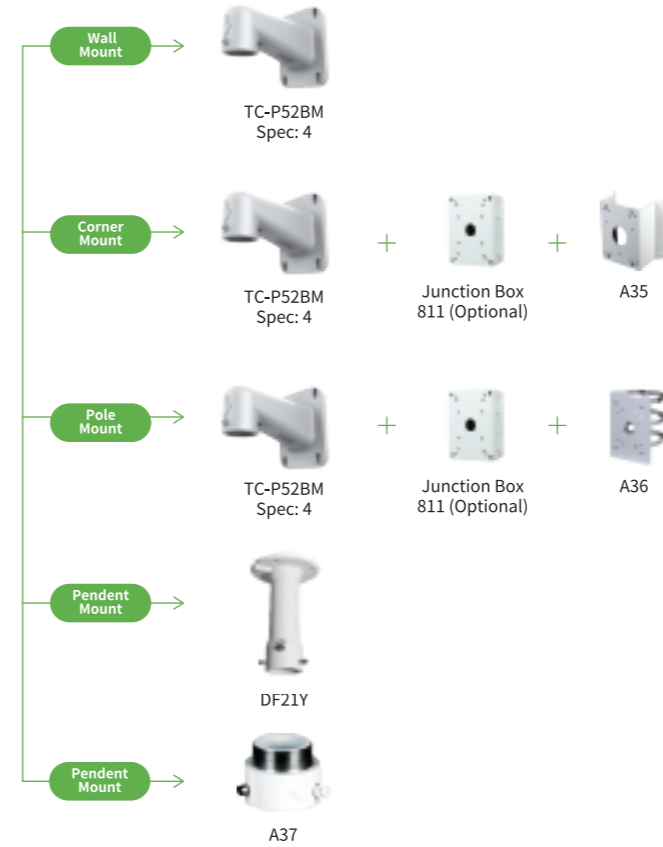
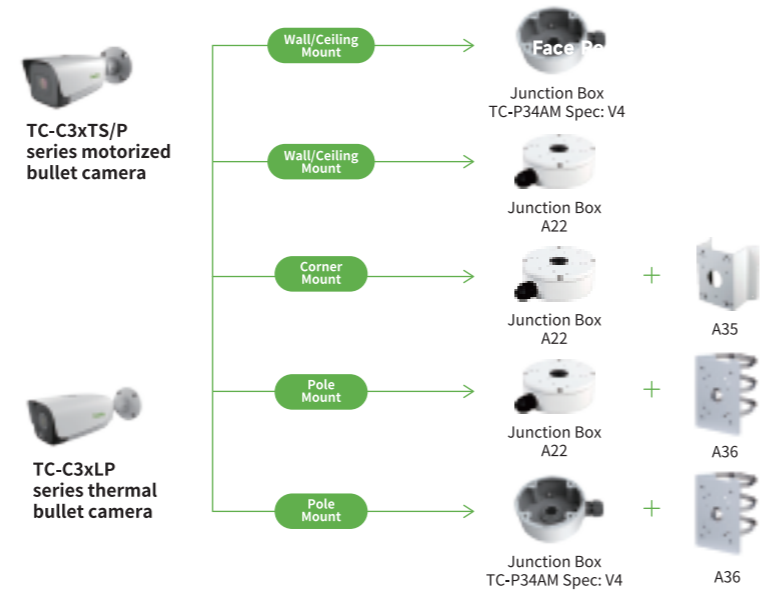
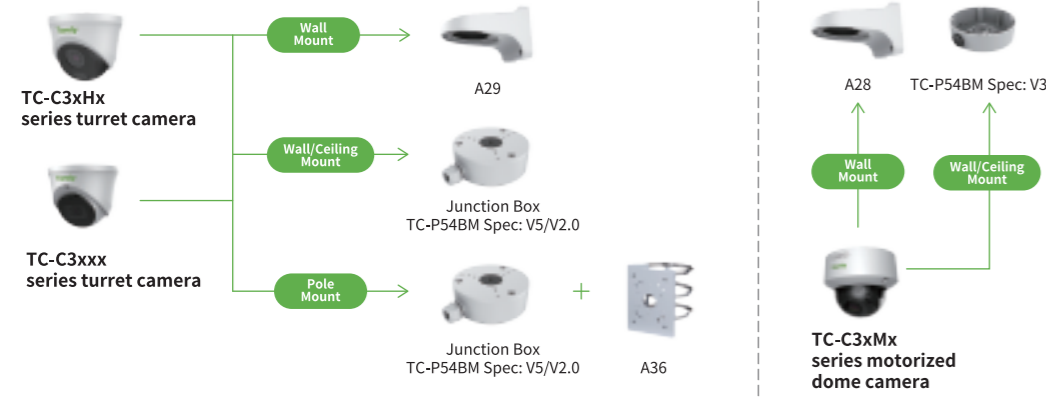
K2000 Product Description

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		
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
Pre-installed Software	Easy7_CMS_V9.0.0T	Easy7_CMS_V9.0.0T
Management Route	1000	2000
Access Bandwidth	face model 360M;surveillance model 512 M	face model 360M;surveillance model 512 M
Forwarding Bandwidth	face model 400M;surveillance model 512 M	face model 400M;surveillance model 512 M
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°C - 40°C	5°C - 40°C
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
Description	K1000 storage platform all-in-one machine is an economical and practical product built on the basis of K2000. In the case of network power, single machine can be networking, flexible configuration, the all-in-one machine will storage, forwarding, management, decoding, intelligence and other functions of integration, simple and fast deployment. Save time, labor and money, can be said to be small and medium-sized projects.	This product is a K2000 integrated video platform, with built-in integrated management platform, streaming media middleware, Tiandy storage and other software, with video preview, video storage, video playback download, Raid management, video decoding, TV wall, electronic map, port alarm input/output and other functions.

Mount Accessories



MOUNT ACCESSORIES

MOUNT ACCESSORIES