

Tiandy

SMART IP SOLUTION

AK·Polar Day·WiFi·Turbo AI·AEW·SMD

AK/SK/LK/Tian/PTZ/NVR
Switch/Monitor/Decoder/Keyboard/Parking/Access Control/TF Card

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ABOUT Tiandy Vision For World

Tiandy Technologies Co., Ltd., founded in 1994, is a global provider of intelligent security solutions. With a core value centered around being "Builders," the company is dedicated to integrating technologies such as artificial intelligence, blockchain, cloud computing, big data, and domestic innovation into industries including public security, law enforcement, transportation, finance, education, and water resources. Tiandy delivers intelligent, efficient, and secure security solutions worldwide through technological innovation and precision manufacturing.

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. In 2023, we developed the Polar Day Camera, which achieves ultra-low light imaging of 0.0001 Lux in static scenes. Now, with user-friendly self-developed GUI, "Easy7" VMS and "EasyLive Plus" mobile APP, we offer cost-efficient products and project-based products including 2MP to 16MP camera, 63X PTZ camera, 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 26 industrial standards, enjoy ONVIF full membership and acquire over 500 product design patents and software copyrights.

Guided by the corporate mission "Vision for World," Tiandy serves customers in over 80 countries and regions, ranking as the 7th largest security company globally. With over 100 branches and service centers across the country, Tiandy's products have been utilized in major projects such as the Olympics, Winter Olympics, Tiananmen Square, Beijing Intelligent Transportation, the Ministry of Public Security, the Ministry of Water Resources, Tianjin University, the China Agricultural Bank Headquarters, London Heathrow Airport, Cairo Railway Station in Egypt, the Turkish border, and more than 500 smart cities worldwide.

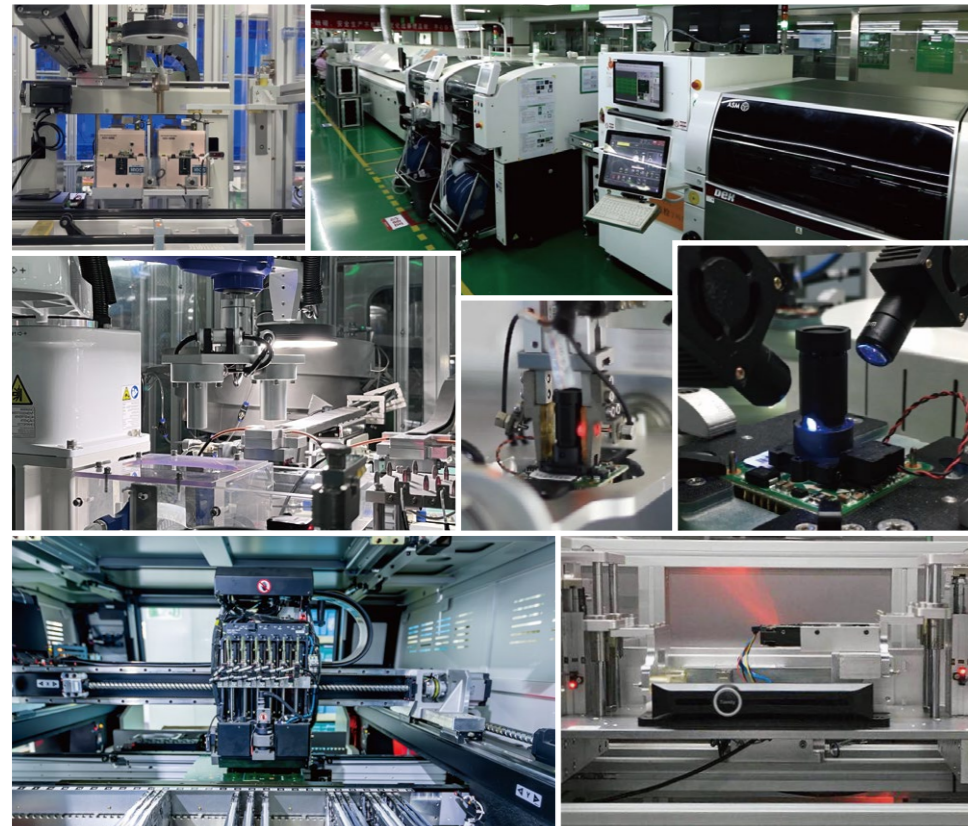


2024 WORLD SECURITY TOP50 BY A&S MAGAZINE



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

2024

- Now has 8 SMT lines, including the world's top Siemens placement line, 3 automated production lines, 4 semi-automated production lines
- Annual production capacity of 10 million units

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

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



Polar Day
Color: 0.0001Lux



TVP[®]
Transcendent Video
Processing



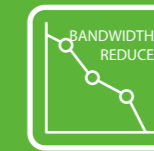
Plugin Free
No ActiveX



CMS
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

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 SERIES
Global Security Analog Product Killer

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

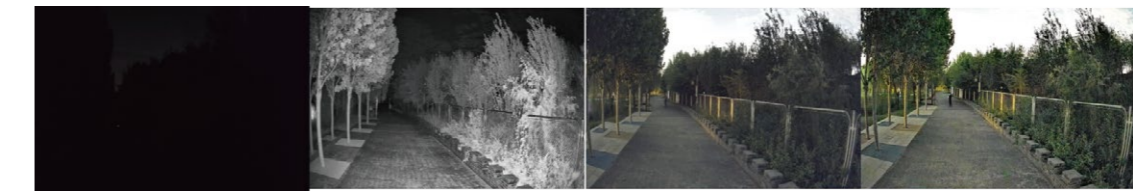
ANALOG KILLER

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

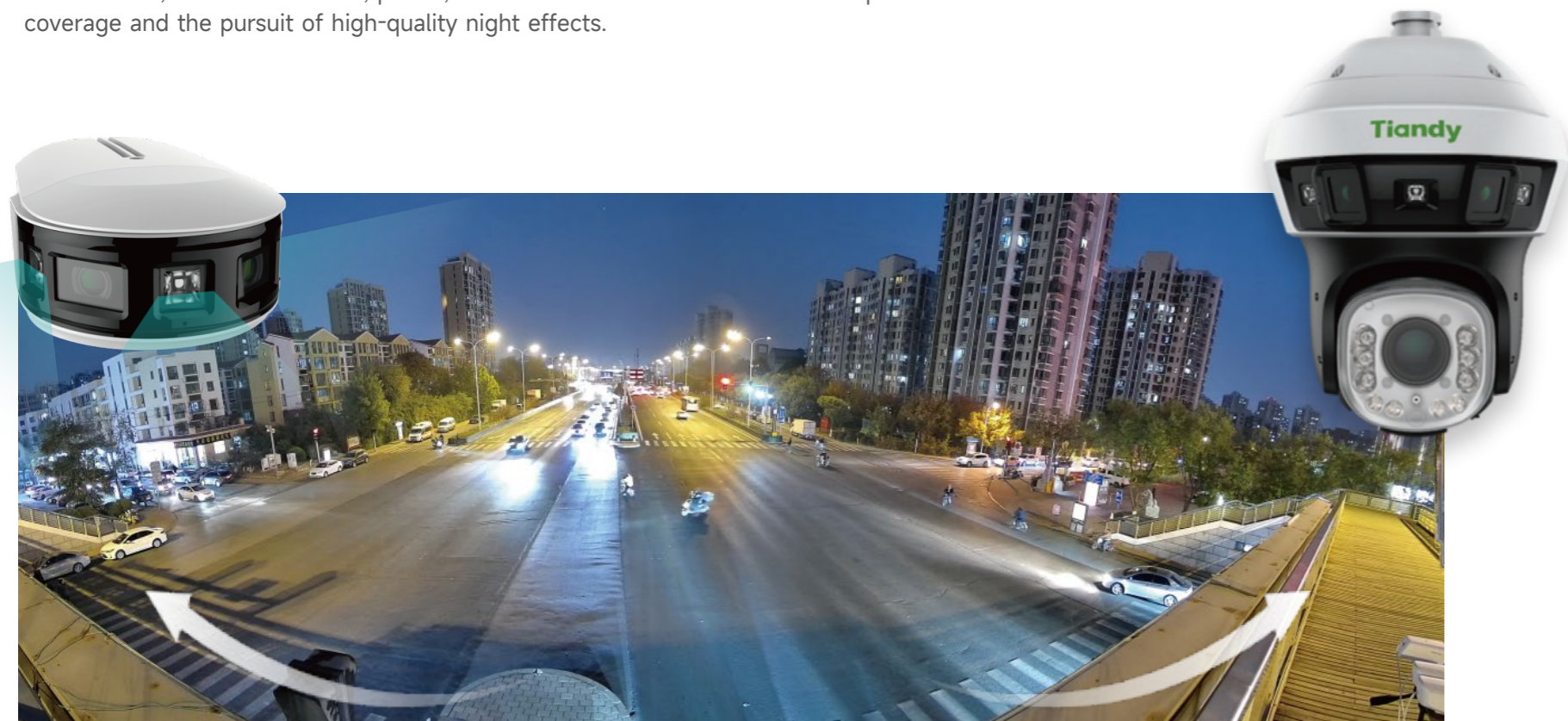


Phone IR Competitor Polar Day

- 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

POLAR DAY SERIES- PANORAMIC IPC&PTZ

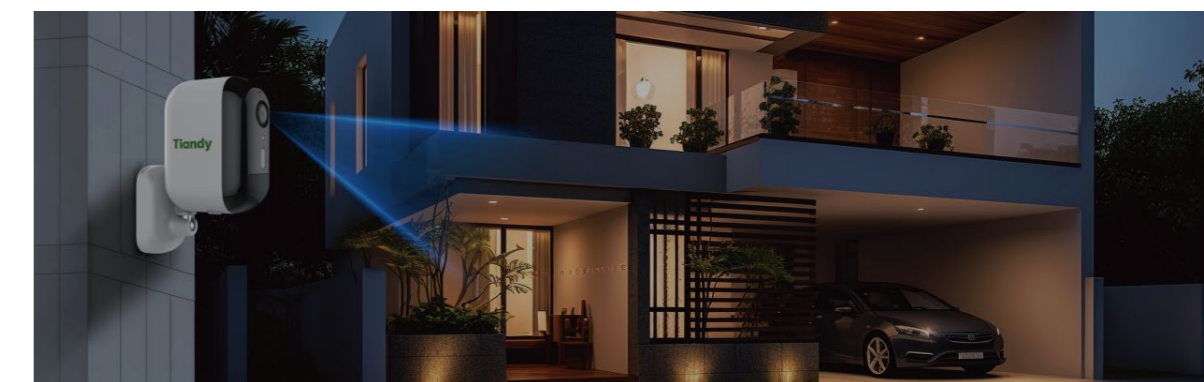
With the outstanding Polar Day technology, TC-H366V and TC-C382V are the ones with the best low-light performance, suitable for shopping malls, parks, scenic spots, venues, intersections, construction sites, plazas, warehouses and other scenes that require wide coverage and the pursuit of high-quality night effects.



WIRELESS

Security is the never ending topic in the civilian security camera market, but the complex wiring and installation are the biggest problem that people face. The wireless series is the key to the problem. Without wiring, wireless series cameras will save a large amount of cost and effort while installation and deployment, which is more friendly to the home users compared to traditional wired cameras.

- Wireless series contains:
- Homeuse Wi-Fi Battery IPC
- Budget dual lens PT
- Wi-Fi Bullet Camera
- Indoor Wi-Fi PT Camera



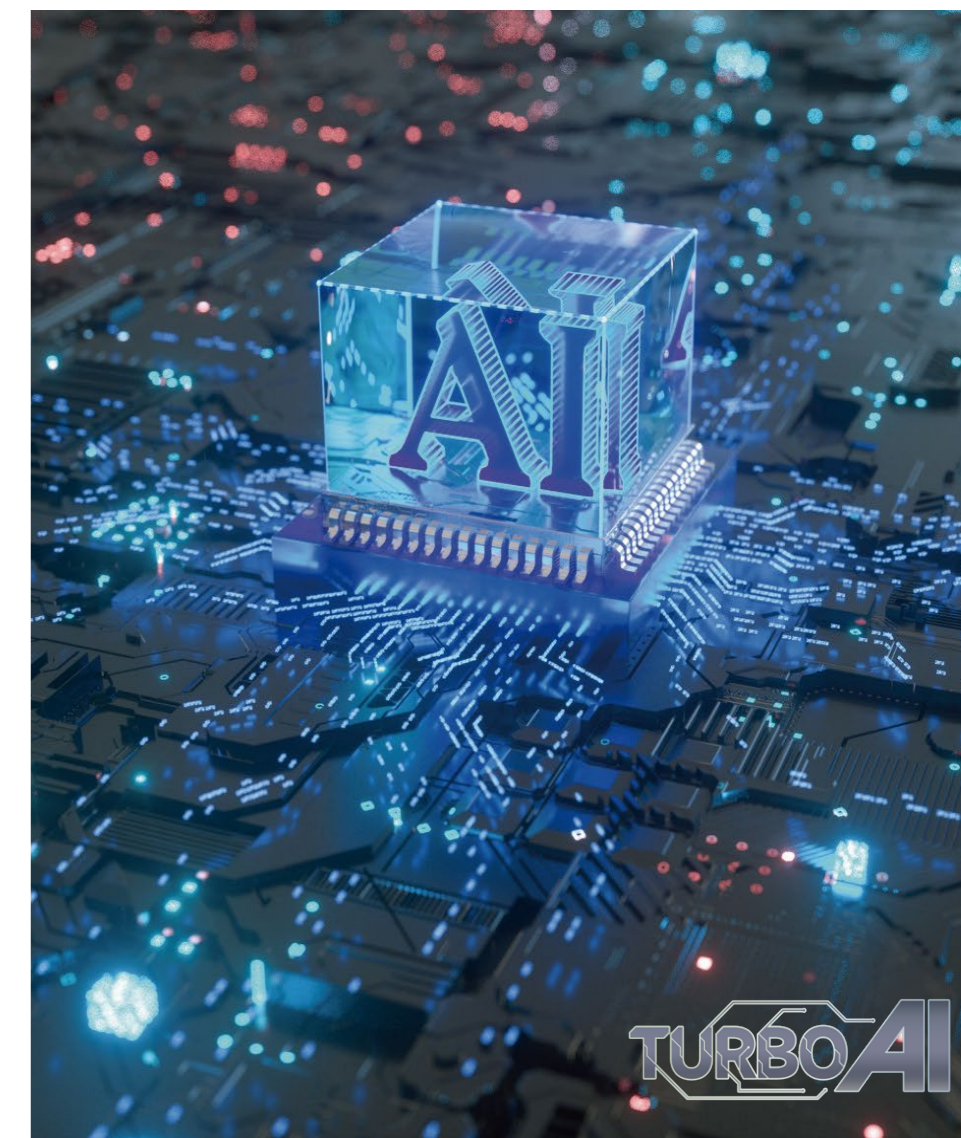
COLOR MAKER

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.



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.



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
- Access bandwidth: 360Mbps
- Forwarding bandwidth: 360Mbps
- 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

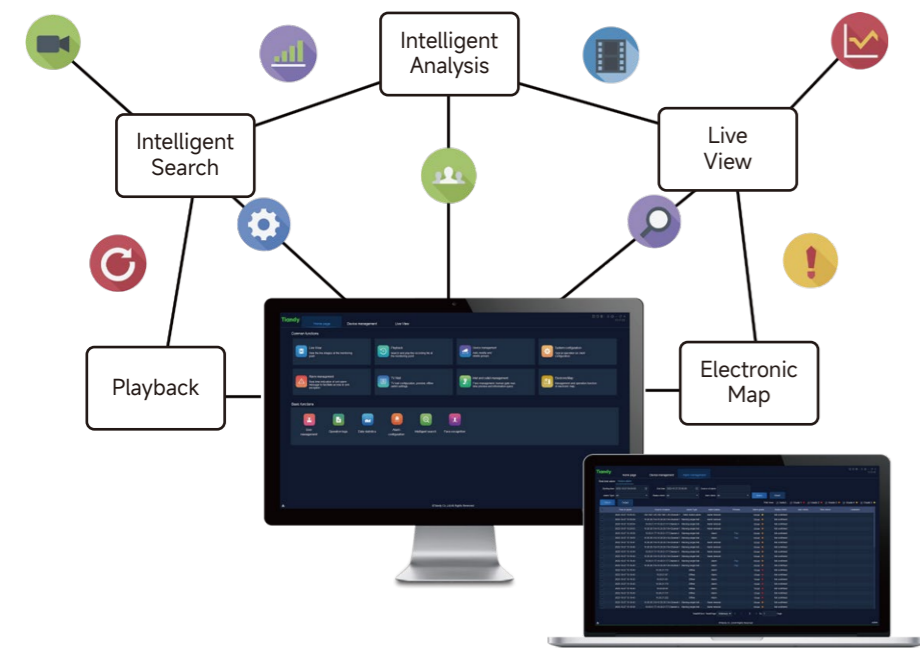
HIGHLIGHTS

- 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

EASY 7 VMS



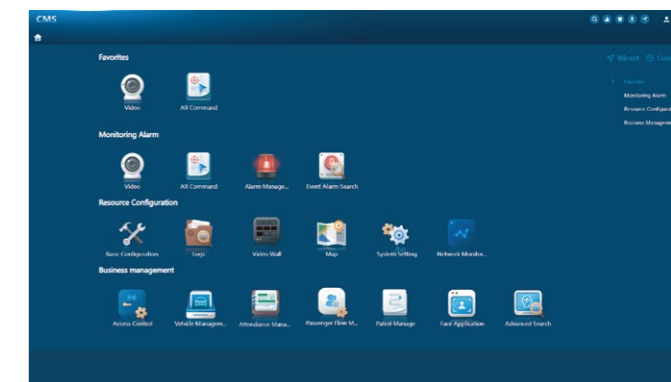
Easy 7 VMS is an independent video management software based on macOS (64bits) and Windows (64bits) Operation system for Tiandy IP cameras, PTZs, NVRs, decoders etc. Up to 512 channels can be connected to Easy 7 VMS. It supports functions like preview, playback, alarm, two-way audio, PTZ control etc. and configuration like device management, user management, event etc. Easy 7 VMS 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 10.13 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	21
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 5,0000 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



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.

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.



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.









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.

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 effect 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	 AK2 Colormaker TC-C32IN Spec:AK13W/E/Y/2.8mm/V2.0 TC-C32IN Spec:AK13W/E/Y/4mm/V2.0	 AK2 Colormaker TC-C320N Spec:AK13W/E/Y/2.8mm/V2.0	 AK2 TC-C321N Spec:13/E/Y/2.8mm/V2.0 TC-C321N Spec:13/E/Y/4mm/V2.0	 AK2 TC-C320N Spec:13/E/Y/2.8mm/V2.0	 AK1 TC-C321N Spec:13/E/Y/2.8mm TC-C321N Spec:13/E/Y/4mm	 AK1 TC-C320N Spec:13/E/Y/2.8mm
Image Sensor	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/2.9"CMOS	1/2.9"CMOS
Max. Resolution	2MP,1920*1080@30fps	2MP,1920*1080@30fps	2MP,1920*1080@30fps	2MP,1920*1080@30fps	2MP,1920*1080@30fps	2MP,1920*1080@30fps
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@(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	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
IR LEDs	2	2	2	1	2	2
IR Distance	Up to 30m	Up to 30m	Up to 30m	Up to 30m	Up to 30m	Up to 30m
Whitelight Distance	15m	15m	Not supported	Not supported	Not supported	Not supported
Onvif	ONVIF(Profile S/T)	ONVIF(Profile S/T)	ONVIF(Profile S/T)	ONVIF(Profile S/T)	ONVIF(Profile S/T)	ONVIF(Profile S/T)
Power Supply	PoE:IEEE 802.3af,Max. 3W	PoE:IEEE 802.3af,Max. 2.5W	PoE:IEEE 802.3af,Max. 3W	PoE:IEEE 802.3af,Max. 2.5W	PoE:IEEE 802.3af,Max. 6W	PoE:IEEE 802.3af,Max. 6W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V
Operating Temperature	-30°C~60°C(-22°F~140°F)	-30°C~60°C(-22°F~140°F)	-30°C~60°C(-22°F~140°F)	-30°C~60°C(-22°F~140°F)	-30°C~60°C(-22°F~140°F)	-30°C~60°C(-22°F~140°F)
Material	Plastic	Plastic	Plastic	Plastic	Metal+plastic	Metal+plastic






SK






SK series are entry-level production line for channel market. All of them are absolutely cost-effective. With S+265 encoding technology, SK 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. Vari-focal SK cameras will also provide the best experience with the cost-effective price.








Model	 SK	 SK	 SK	 SK	 SK
	TC-C32QN Spec:13/E/Y/2.8mm/V5.1 TC-C32QN Spec:13/E/Y/4mm/V5.1	TC-C32XN Spec:13/E/Y/2.8mm/V5.1	TC-C34QN Spec:13/E/Y/2.8mm/V5.0 TC-C34QN Spec:13/E/Y/4mm/V5.0	TC-C34XN Spec:13/E/Y/2.8mm/V5.0	TC-C32RN Spec:15/E/Y/QX/2.8mm/V4.2 TC-C32RN Spec:15/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
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
On-board storage	N/A	N/A	N/A	N/A	N/A
IR LEDs	2	2	2	2	6
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	Surge4000V;ESD6000V/IP67	Surge4000V;ESD6000V	Surge4000V;ESD6000V/IP67	Surge4000V;ESD6000V	Surge4000V;ESD6000V/IP67
Operating Temperature	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Plastic

Model	 SK	 SK	 SK	 SK	 SK
	TC-C32GN Spec:15/E/Y/C/2.8mm/V4.2 TC-C32GN Spec:15/E/Y/C/4mm/V4.2	TC-C32HN Spec:13/E/Y/C/2.8mm/V4.2	TC-C32KN Spec:13/E/Y/C/2.8mm/V4.3	TC-C34GN Spec:15/E/Y/C/2.8mm/V4.2 TC-C34GN Spec:15/E/Y/C/4mm/V4.2	TC-C34HN Spec:13/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
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
On-board storage	N/A	N/A	N/A	N/A	N/A
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	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66
Operating Temperature	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)
Material	Metal+plastic	Metal+plastic	Plastic	Metal+plastic	Metal+plastic

Model	 SK	 SK	 SK	 SK	 SK
	TC-C34KN Spec:13/E/Y/C/2.8mm/V4.3	TC-C32UN Spec:18/A/E/Y/2.8-12mm/V4.2	TC-C32KN Spec:13/A/E/Y/2.8-12mm/V4.2	TC-C34UN Spec:18/A/E/Y/2.8-12mm/V4.2	TC-C34KN Spec:13/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
WDR	120dB	DWDR	DWDR	120dB	120dB
On-board storage	N/A	Support microSD/microSDHC/ microSDXC card, up to 512 GB	Support microSD/microSDHC/ microSDXC card, up to 512 GB	Support microSD/microSDHC/ microSDXC card, up to 512 GB	Support microSD/microSDHC/ microSDXC card, up to 512 GB
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	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66
Operating Temperature	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)
Material	Plastic	Metal+plastic	Plastic	Metal+plastic	Plastic





Model	 SK	 SK	 SK	 SK	 SK
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
WDR	120dB	120dB	120dB	DWDR	DWDR
On-board storage	Support microSD/microSDHC/microSDXC card, up to 512 GB	Support microSD/microSDHC/microSDXC card, up to 512 GB	Support microSD/microSDHC/microSDXC card, up to 512 GB	Support microSD/microSDHC/microSDXC card, up to 512 GB	Support microSD/microSDHC/microSDXC card, up to 512 GB
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	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66
Operating Temperature	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic

Model	 SK	 SK	 SK	 SK	 SK
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
WDR	DWDR	DWDR	DWDR	120dB	120dB
On-board storage	Support microSD/microSDHC/microSDXC card, up to 512 GB	N/A	N/A	N/A	N/A
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	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V
Operating Temperature	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)	-30°C~60°C(No turning on the light)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic






LK






LK series are the most intelligent product line of Tiandy, and aiming for the small, medium or large project. With multiple VCA function and abundant interfaces, LK series cameras are the perfect choices for the complex application scenarios, like factory, industrial park, power plant, school, hospital, etc.,. LK seires also contains thermal, stainless steel, EW and mini dome cameras, which will fit some special applications.













Model	 TC-C32WN Spec:15/E/Y/2.8mm/V4.1 TC-C32WN Spec:15/E/Y/4mm/V4.1	 TC-C32WN Spec:15/E/Y/M/2.8mm/V4.1 TC-C32WN Spec:15/E/Y/M/4mm/V4.1	 TC-C32XN Spec:13/E/Y/2.8mm/V4.1	 TC-C32XN Spec:13/E/Y/M/2.8mm/V4.1
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@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
Focal Length	2.8mm/4mm	2.8mm/4mm	2.8mm	2.8mm
WDR	DWDR	DWDR	DWDR	DWDR
Audio I/O	Not supported	Not supported	Not supported	Not supported
Alarm I/O	Not supported	Not supported	Not supported	Not supported
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	2	2	2	2
IR Distance	Up to 50m	Up to 50m	Up to 30m	Up to 30m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal+plastic	Metal	Metal+plastic	Metal













Model	 LK	 LK	 LK	 LK	 LK
	TC-C32KN Spec:13/E/Y/2.8mm/V4.1	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	TC-C34UV Spec:W/E/Y/M/S/4mm	TC-C35WS Spec:15/E/Y/2.8mm/V4.0 TC-C35WS Spec:15/E/Y/4mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/1.8"CMOS	1/2.8"CMOS
Max. Resolution	2MP,1920x1080@30fps	4MP,2592x1520@25fps	4MP,2592x1520@25fps	4MP,2688x1520@25fps	5MP,2592x1944@20fps
Min. Illumination	Color:0.02Lux@(F2.0,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	Color:0.0001Lux@(F1.0,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	4mm	2.8mm/4mm
WDR	DWDR	120dB	120dB	120dB	120dB
Audio I/O	Not supported	Not supported	Not supported	Not supported	Not supported
Alarm I/O	Not supported	Not supported	Not supported	Not supported	Not supported
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	8	Not supported	Not supported	Not supported	2
IR Distance	Up to 30m	Not supported	Not supported	Not supported	Up to 50m
Whitelight Distance	Not supported	15m	15m	15m	Not supported
Power Supply	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal	Metal+plastic





Model	 LK	 LK	 LK	 LK	 LK
	TC-C35WS Spec:15/E/Y/M/2.8mm/V4.0 TC-C35WS Spec:15/E/Y/M/4mm/V4.0	TC-C35XS Spec:13/E/Y/2.8mm/V4.0	TC-C35XS Spec:13/E/Y/M/2.8mm/V4.0	TC-C35KS Spec:13/E/Y/2.8mm/V4.0	TC-C38WS Spec:15/E/Y/M/2.8mm/V4.0 TC-C38WS Spec:15/E/Y/M/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	5MP,2592x1944@20fps	5MP,2592x1944@20fps	5MP,2592x1944@20fps	5MP,2592x1944@20fps	8MP,3840x2160@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/4mm	2.8mm	2.8mm	2.8mm	2.8mm/4mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	Not supported	Not supported	Not supported	Not supported	Not supported
Alarm I/O	Not supported	Not supported	Not supported	Not supported	Not supported
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	2	2	2	8	2
IR Distance	Up to 50m	Up to 30m	Up to 30m	Up to 30m	Up to 50m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal+plastic	Metal	Metal+plastic	Metal





Model	 LK TC-C38XS Spec:13/E/Y/M/2.8mm/V4.0	 LK TC-C38KS Spec:13/E/Y/2.8mm/V4.0	 LK TC-C35WS Spec:15/E/Y/C/H/2.8mm/V4.0 TC-C35VS Spec:15/E/Y/C/H/4mm/V4.0	 LK TC-C35XS Spec:13/E/Y/C/H/2.8mm/V4.0	 LK TC-C35KS Spec:13/E/Y/C/H/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	8MP,3840×2160@20fps	8MP,3840×2160@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
Focal Length	2.8mm	2.8mm	2.8mm/4mm	2.8mm	2.8mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	Not supported	Not supported	1	1	1
Alarm I/O	Not supported	Not supported	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	2	8	2	2	8
IR Distance	Up to 30m	Up to 30m	Up to 50m	Up to 30m	Up to 30m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8.5W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7.5W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10
Operating Temperature	-40°C-65°C(-40°F-149°F)	-40°C-65°C(-40°F-149°F)	-40°C-65°C(-40°F-149°F)	-40°C-65°C(-40°F-149°F)	-40°C-65°C(-40°F-149°F)
Material	Metal	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic





Model	 LK TC-C32US Spec:18/A/E/Y/M/C/H/2.7-13.5mm/V4.0	 LK TC-C32SS Spec:13/A/E/Y/M/C/H/2.7-13.5mm/V4.0	 LK TC-C32MS Spec:13/A/E/Y/M/C/H/2.7-13.5mm/V4.0	 LK TC-C35US Spec:18/A/E/Y/M/C/H/2.7-13.5mm/V4.0	 LK TC-C35SS 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
Max. Resolution	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	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
Focal Length	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	4	2	18	4	2
IR Distance	Up to 80m	Up to 30m	Up to 30m	Up to 80m	Up to 30m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66
Operating Temperature	-35°C-65°C(-31°F-149°F)	-35°C-65°C(-31°F-149°F)	-35°C-65°C(-31°F-149°F)	-35°C-65°C(-31°F-149°F)	-35°C-65°C(-31°F-149°F)
Material	Metal	Metal	Metal+plastic	Metal	Metal





Model	 LK TC-C35MS Spec:13/A/E/Y/M/C/H/2.7-13.5mm/V4.0	 LK TC-C35VN Spec:13/E/Y/1.4mm/V4.2	 LK SMD TC-C32WS Spec:15W/E/Y/S/2.8mm/V5.0 TC-C32WS Spec:15W/E/Y/S/4mm/V5.0	 LK SMD TC-C32XS Spec:13W/E/Y/S/2.8mm/V5.0
Image Sensor	1/2.8"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	5MP,2592×1944@20fps	5MP,2592×1944@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps
Min. Illumination	Color:0.002Lux@(F1.6,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
Focal Length	2.7-13.5mm	1.4mm	2.8mm/4mm	2.8mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1	1	Not supported	Not supported
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	Not supported	Not supported
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	18	3	2	2
IR Distance	Up to 30m	Up to 30m	Up to 50m	Up to 30m
Whitelight Distance	Not supported	Not supported	15m	15m
Power Supply	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 8.5W;PoE:IEEE 802.3af,Max. 9.5W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 4W;PoE:IEEE 802.3af,Max. 5W
Protection	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66
Operating Temperature	-35°C~65°C(-31°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic





Model	 LK SMD TC-C32KS Spec:13/E/Y/S/2.8mm/V5.0	 LK SMD TC-C35WS Spec:15W/E/Y/S/2.8mm/V5.0 TC-C35WS Spec:15W/E/Y/S/4mm/V5.0	 LK SMD TC-C35XS Spec:13W/E/Y/S/2.8mm/V5.0	 LK SMD TC-C35KS Spec:13/E/Y/S/2.8mm/V5.0	 LK SMD TC-C35US Spec:1K/15W/E/Y/M/S/2.8mm/V5.0 TC-C35US Spec:1K/15W/E/Y/M/S/4mm/V5.0	 LK SMD TC-C38US Spec:1K/15W/E/Y/M/S/2.8mm/V4.0 TC-C38US Spec:1K/15W/E/Y/M/S/4mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS
Max. Resolution	2MP,1920×1080@30fps	5MP,2880×1620@30fps	5MP,2880×1620@30fps	5MP,2880×1620@30fps	5MP,2880×1620@30fps	8MP,3840×2160@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
Focal Length	2.8mm	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm	2.8mm/4mm
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Audio I/O	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported
Alarm I/O	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	8	2	2	8	4	4
IR Distance	Up to 30m	Up to 50m	Up to 30m	Up to 30m	Up to 50m	Up to 50m
Whitelight Distance	Not supported	15m	15m	Not supported	15m	15m
Power Supply	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 7.5W	DC12V±25%,Max. 4.5W;PoE:IEEE 802.3af,Max. 5W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 7.5W	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W
Protection	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal	Metal





Model	 LK SMD TC-C38US Spec:LK18/A/E/Y/M/S/H/2.7-13.5mm/V4.0	 LK SMD TC-C32PS Spec:13/E/Y/M/H/2.8mm/V4.2 TC-C32PS Spec:13/E/Y/M/H/4mm/V4.2	 LK SMD TC-C35PS Spec:13/E/Y/M/H/2.8mm/V4.2 TC-C35PS Spec:13/E/Y/M/H/4mm/V4.2	 LK SMD TC-C382V Spec:W/E/Y/S/H/2.8mm
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	Dual 1/2.7"CMOS
Max. Resolution	8MP,3840×2160@20fps	2MP,1920×1080@30fps	5MP,2880×1620@30fps	8MP,4640×1728@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:0.0001Lux@(F1.0,AGC ON),B/W:0Lux with IR
Focal Length	2.7-13.5mm	2.8mm/4mm	2.8mm/4mm	2.8mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	4	2	2	Not supported
IR Distance	Up to 80m	Up to 30m	Up to 30m	Not supported
Whitelight Distance	Not supported	Not supported	Not supported	15m
Power Supply	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 11W;PoE:IEEE 802.3af,Max. 12W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66;IK08	Surge4000V;ESD6000V;IP66;IK08	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal+plastic











Model	 LK SMD 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	 LK SMD TC-C32XS Spec:13/E/Y/M/S/H/2.8mm/V4.0	 LK SMD TC-C35WS Spec:15/E/Y/M/S/H/2.8mm/V4.0 TC-C35WS Spec:15/E/Y/M/S/H/4mm/V4.0	 LK SMD TC-C35XS Spec:13/E/Y/M/S/H/2.8mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	2MP,1920×1080@30fps	2MP,1920×1080@30fps	5MP,2880×1620@30fps	5MP,2880×1620@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
Focal Length	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	2	2	2	2
IR Distance	Up to 50m	Up to 30m	Up to 50m	Up to 30m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal











Model	 LK SMD	 LK SMD	 LK SMD	 LK SMD
	TC-C35KS 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/S/H/2.7-13.5mm/V4.0	TC-C32MS Spec:13/A/E/Y/M/S/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	5MP,2880×1620@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@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
Focal Length	2.8mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	8	4	2	18
IR Distance	Up to 30m	Up to 80m	Up to 30m	Up to 30m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7.5W	DC12V±25%,Max. 9W;PoE:IEEE 802.3af,Max. 10W	DC12V±25%,Max. 7.5W;PoE:IEEE 802.3af,Max. 8.5W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal







Model	 LK SMD	 LK SMD	 LK SMD	 LK SMD
	TC-C35US Spec:18/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C35SS Spec:13/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C35MS Spec:13/A/E/Y/M/S/H/2.7-13.5mm/V4.0	TC-C32LS Spec:110/E/Y/M/5-50mm/V4.2
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS
Max. Resolution	5MP,2880×1620@30fps	5MP,2880×1620@30fps	5MP,2880×1620@30fps	2MP,1920×1080@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
Focal Length	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	5-50mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	4	2	18	5
IR Distance	Up to 80m	Up to 30m	Up to 30m	Up to 100m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 9.5W;PoE:IEEE 802.3af,Max. 10.5W	DC12V±25%,Max. 7.5W;PoE:IEEE 802.3af,Max. 8.5W	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 14W;PoE:IEEE 802.3at,Max. 15.5W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal+plastic

Model	 EW	 EW	 EW	 EW
	TC-C35WQ Spec:15W/E/Y/2.8mm/V4.2 TC-C35WQ Spec:15W/E/Y/4mm/V4.2	TC-C35XQ Spec:13W/E/Y/2.8mm/V4.2	TC-C38WQ Spec:15W/E/Y/2.8mm/V4.2 TC-C38WQ Spec:15W/E/Y/4mm/V4.2	TC-C38XQ Spec:13W/E/Y/2.8mm/V4.2
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	5MP,2880×1620@30fps	5MP,2880×1620@30fps	8MP,3840×2160@20fps	8MP,3840×2160@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
Focal Length	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	2	2	2	2
IR Distance	Up to 50m	Up to 30m	Up to 50m	Up to 30m
Whitelight Distance	15m	15m	15m	15m
Power Supply	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8.5W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8.5W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal

Model	 Turbo AI+	 Turbo AI+	 Turbo AI+	 Turbo AI
	TC-C35WS Spec:15/E/Y/M/H/2.8mm/V4.1	TC-C35XS Spec:13/E/Y/M/H/2.8mm/V4.1	TC-C35KS Spec:13/E/Y/M/H/2.8mm/V4.1	TC-C38WS Spec:15/E/Y/M/H/2.8mm/V4.0 TC-C38WS Spec:15/E/Y/M/H/4mm/V4.0
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS
Max. Resolution	5MP,2880×1620@30fps	5MP,2880×1620@30fps	5MP,2880×1620@30fps	8MP,3840×2160@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
Focal Length	2.8mm/4mm	2.8mm	2.8mm	2.8mm/4mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	2	2	8	2
IR Distance	Up to 50m	Up to 30m	Up to 30m	Up to 50m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7.5W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 6W;PoE:IEEE 802.3af,Max. 7.5W	DC12V±25%,Max. 6.5W;PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal

Model	 	 	 	 	 
	TC-C38XS Spec:13/E/Y/M/H/2.8mm/V4.0	TC-C32TS Spec:18/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C32MS Spec:15/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C35TS Spec:18/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C35MS Spec:15/A/E/Y/M/H/2.7-13.5mm/V4.1
Image Sensor	1/2.7"CMOS	1/1.8"CMOS	1/1.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP,2880×1620@30fps	4MP,2688×1520@30fps	4MP,2688×1520@30fps	Optical:2880×1620@30fps Thermal:1280×720@25fps	Optical:2880×1620@30fps Thermal:1280×720@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	4mm	4mm	4mm	4mm	4mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1	1
Alarm I/O	1-ch,TTL input,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB
IR LEDs	2	4	4	2	2
IR Distance	Up to 50m	Up to 30m	Up to 60m	Up to 50m	Up to 50m
Whitelight Distance	Not supported	40m	60m	15m	15m
Power Supply	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 14W;PoE:IEEE 802.3at,Max. 15.5W	DC12V±25%,Max. 14W;PoE:IEEE 802.3at,Max. 15.5W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V;ESD6000V;IP68	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67
Operating Temperature	-35°C~65°C(-31°F~149°F)	-35°C~65°C(-31°F~149°F)	-35°C~65°C(-31°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal+plastic	Metal	Metal+plastic	Metal






Model	 	 	 	 	 
	TC-C32TP Spec:18/A/E/Y/M/H/2.7-13.5mm/V4.1	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	TC-C35LP Spec:18/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	1/2.8"CMOS	1/1.8"CMOS
Max. Resolution	2MP,1920×1080@30fps	8MP,3840×2160@30fps	8MP,3840×2160@30fps	8MP,3840×2160@30fps	5MP,3072×1728@30fps
Min. Illumination	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	Color:0.002Lux@(F1.6,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	2.7-13.5mm	2.7-13.5mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1	1
Alarm I/O	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	4	4	2	18	4
IR Distance	Up to 80m	Up to 80m	Up to 30m	Up to 50m	Up to 80m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported	15m
Power Supply	DC12V±25%,Max. 9W;PoE:IEEE 802.3af,Max. 10W	DC12V±25%,Max. 9.5W;PoE:IEEE 802.3af,Max. 10.5W	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 14W;PoE:IEEE 802.3at,Max. 15.5W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal	Metal+plastic







Model	 Turbo AI+	 LK	 LK	 LK	 LK	 LK
	TC-C35MP Spec:15W/A/E/Y/M/H/2.7-13.5mm/V4.0	TC-C35PN Spec:15/E/H/4mm	TC-C34LQ Spec:LK/13W/A/E/Y/M/S/H/LPR/2.8-12mm	TC-C34LQ Spec:LK/13W/A/E/Y/M/S/H/LPR/8-32mm	TC-C35LQ Spec:15W/E/Y/T/4mm/V4.2	TC-C35LQ Spec:15W/E/Y/T/6mm/V4.2
Image Sensor	1/1.8"CMOS	1/2.7"CMOS	1/1.8"CMOS	1/1.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP,3072*1728@30fps	5MP,2880*1620@30fps	4MP,2688*1520@30fps	4MP,2688*1520@30fps	Optical: 2880*1620@30fps Thermal: 1280*720@25fps	Optical: 2880*1620@30fps Thermal: 1280*720@25fps
Min. Illumination	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	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	2.7-13.5mm	4mm	4mm	4mm	4mm	6mm
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Audio I/O	1	1	1	1	1	1
Alarm I/O	2-ch,TTL inputs,3mA,3.3VDC	1-ch,TTL input,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC	2-ch,TTL inputs,3mA,3.3VDC
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	14	2	4	4	2	2
IR Distance	Up to 50m	Up to 50m	Up to 30m	Up to 60m	Up to 50m	Up to 50m
Whitelight Distance	15m	Not supported	40m	60m	15m	15m
Power Supply	DC12V±25%,Max. 8W;PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 14W;PoE:IEEE 802.3at,Max. 15.5W	DC12V±25%,Max. 14W;PoE:IEEE 802.3at,Max. 15.5W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 7W;PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V;ESD6000V;IP66;IK10	Surge4000V;ESD6000V;IP68	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67
Operating Temperature	-40°C~65°C(-40°F~149°F)	-35°C~65°C(-31°F~149°F)	-35°C~65°C(-31°F~149°F)	-35°C~65°C(-31°F~149°F)	-40°C~65°C(-40°F~149°F)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic





TIAN SERIES

Security is the never ending topic in the civilian security camera market, but the complex wiring and installation are the biggest problem that people face. The Tian series is the key to the problem. Without wiring, Tian series cameras will save a large amount of cost and effort while installation and deployment, which is more friendly to the home users compared to traditional wired cameras.



Model					
	TC-H322A Spec:12W/WIFI/Eu/4mm	TC-H332A Spec:12W/WIFI/Eu/4mm	TC-H342A Spec:12W/WIFI/Eu/4mm	TC-H322N Spec:12W/WIFI/Eu/4mm/V4.1	TC-H332N Spec:12W/WIFI/Eu/4mm/V4.1
Image Sensor	1/3"CMOS	1/3"CMOS	1/2.8"CMOS	1/3"CMOS	1/2.8"CMOS
Max. Resolution	2MP,1920×1080@20fps	3MP,2304×1296@20fps	4MP,2560×1440@20fps	2MP,1920×1080@20fps	3MP,2304×1296@20fps
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	4mm	4mm	4mm	4mm	4mm
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
On-board storage	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB
IR LEDs	4	4	4	4	4
IR Distance	Up to 15m	Up to 15m	Up to 15m	Up to 20m	Up to 20m
Whitelight Distance	8m	8m	8m	10m	10m
Power Supply	DC5V±25%,Max. 7W	DC5V±25%,Max. 7W	DC5V±25%,Max. 7W	DC12V±25%,Max. 11W	DC12V±25%,Max. 11W
Protection	Surge500V;ESD6000V	Surge500V;ESD6000V	Surge500V;ESD6000V	Surge500V;ESD6000V	Surge500V;ESD6000V
Operating Temperature	-10°C-45°C(14°F-113°F)	-10°C-45°C(14°F-113°F)	-10°C-45°C(14°F-113°F)	-10°C-45°C(14°F-113°F)	-10°C-45°C(14°F-113°F)
Material	Plastic	Plastic	Plastic	Plastic	Plastic







Model						
	TC-H342N Spec:12W/WIFI/Eu/4mm/V4.1	TC-C32CN Spec:13W/U/WIFI/2.8mm/V4.0	TC-H363N Spec:15W/WIFI/Eu/4mm/V4.0	TC-H363U Spec:W/4G/U/SE/4mm/V4.0	TC-H333N Spec:15W/C/WIFI/Eu/4mm/V4.2	TC-H334S Spec:15W/C/WIFI/Eu/4mm/V4.1
Image Sensor	1/3"CMOS	1/2.9"CMOS	1/3"CMOS	1/2.9"CMOS	1/2.9"CMOS	1/2.8"CMOS
Max. Resolution	4MP,2560×1440@20fps	2MP,1920×1080@25fps	3MP+3MP,2304×1296@15fps	Panorama:3MP,2304×1296@15fps Detail:3MP,2304×1296@15fps	3MP,2304×1296@20fps	3MP,2304×1296@25fps
Min. Illumination	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@(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
Focal Length	4mm	2.8mm	4mm/4mm	4mm	4mm	4mm
WDR	DWDR	120dB	DWDR	DWDR	DWDR	DWDR
On-board storage	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 256GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 256GB	Support microSD/microSDHC/microSDXC card, up to 512GB	Support microSD/microSDHC/microSDXC card, up to 512GB
IR LEDs	4	2	4+4	N/A	6	2
IR Distance	Up to 20m	Up to 30m	Up to 50m	N/A	Up to 50m	Up to 50m
Whitelight Distance	10m	15m	15m	20m	15m	15m
Power Supply	DC12V±25%,Max. 11W	DC5V/2A	DC12V±25%,Max. 13W	DC5V/2A	DC12V±25%,Max. 12W	DC12V±25%,Max. 12W
Protection	Surge500V;ESD6000V	Surge500V;ESD6000V;IP65	Surge4000V;ESD6000V;IP66	Surge500V;ESD6000V;IP65	Surge4000V;ESD6000V;IP66	Surge4000V;ESD6000V;IP66
Operating Temperature	-10°C-45°C(14°F-113°F)	-10°C-50°C(14°F-122°F)	-30°C-60°C(-22°F-140°F)	-10°C-50°C(14°F-122°F)	-30°C-60°C(-22°F-140°F)	-30°C-60°C(-22°F-140°F)
Material	Plastic	Plastic	Plastic	Plastic	Plastic	Metal+plastic







Model	 WIFI TC-C32QN Spec:15W/WIFI/Eu/2.8mm/V4.0 TC-C32QN Spec:15W/WIFI/Eu/4mm/V4.0	 WIFI TC-C34QN Spec:15W/WIFI/Eu/2.8mm/V4.0 TC-C34QN Spec:15W/WIFI/Eu/4mm/V4.0	 WIFI TC-C32WN Spec:15Y/WIFI/4mm/V4.1	 WIFI TC-C32KN Spec:13Y/WIFI/2.8mm/V4.1
Image Sensor	1/2.9"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2MP,1920×1080@20fps	4MP,2560×1440@20fps	2MP,1920×1080@30fps	2MP,1920×1080@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
Focal Length	2.8mm/4mm	2.8mm/4mm	4mm	2.8mm
WDR	DWDR	DWDR	DWDR	DWDR
On-board storage	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR LEDs	2	2	2	8
IR Distance	Up to 50m	Up to 50m	Up to 50m	Up to 30m
Whitelight Distance	15m	15m	N/A	N/A
Power Supply	DC12V±25%,Max. 7.5W	DC12V±25%,Max. 7.5W	DC12V±25%,Max. 6W	DC12V±25%,Max. 6W
Protection	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP67	Surge4000V;ESD6000V;IP66;IK10
Operating Temperature	-30°C-60°C(-22°F-140°F)	-30°C-60°C(-22°F-140°F)	-40°C-65°C(-40°F-149°F)	-40°C-65°C(-40°F-149°F)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic





PTZ

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, PTZ cameras has also added the AI face capture function. All products of PTZ 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	 LK TC-H324S Spec:23X/I/E/C/V3.0	 LK TC-H324S Spec:23X/I/E/V3.0	 LK TC-H324S Spec:25X/I/E/V3.0	 LK TC-H324S Spec:25X/I/E/A/V3.0	 LK TC-H326S Spec:33X/I/E+/A/V3.0	 LK 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	1/2.7"CMOS
Max. Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	2880x1620@30fps
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	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
Focal Length	5mm-115mm	5mm-115mm	4.8mm-120mm	4.8mm-120mm	4.6mm-152mm	4.7mm-141mm
Optical Zoom	23X	23X	25X	25X	33X	30X
Digital Zoom	N/A	N/A	16X	16X	16X	16X
Auto-Tracking	N/A	N/A	N/A	Auto-Tracking	Auto-Tracking	Auto-Tracking
Audio I/O	N/A	1*Input Impedance 1k Ω , 2.0-2.4Vp-p; 1*Output Impedance 600 Ω	1*Input Impedance 1k Ω , 2.0-2.4Vp-p; 1*Output Impedance 600 Ω	1*Input Impedance 1k Ω , 2.0-2.4Vp-p; 1*Output Impedance 600 Ω	1*Input Impedance 1k Ω , 2.0-2.4Vp-p; 1*Output Impedance 600 Ω	1*Input Impedance 1k Ω , 2.0-2.4Vp-p; 1*Output Impedance 600 Ω
Alarm I/O	N/A	1/1	1/1	1/1	1/1	8/2
Power Supply	DC12V \pm 10%	DC12V \pm 10%	DC12V \pm 10%	DC12V \pm 10%	DC12V \pm 10%	AC24V \pm 25%/DC24V \pm 10%
PoE Power Supply	PoE:IEEE 802.3at	PoE:IEEE 802.3at	PoE:IEEE 802.3at	PoE:IEEE 802.3at	PoE:IEEE 802.3at	PoE:IEEE 802.3bt
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66

Model	 LK TC-H356Q Spec:30X/I/W/E+/A/V3.0	 LK TC-H354S Spec:23X/I/E/V3.1	 LK TC-H344S Spec:25X/I/E+/A/V3.0	 LK TC-H388M Spec:44X/I/L/E+/A	 LK TC-H348M Spec:63X/I/L/E+/A	 LK TC-H3169M Spec:63X/LW/P/A/AR
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/1.8"CMOS	1/1.8"CMOS	Panorama:1/1.8"CMOS Detail:1/1.8"CMOS
Max. Resolution	2880x1620@30fps	2880x1620@30fps	2560x1440@30fps	2560x1440@30ps	2560x1440@30ps	Panorama:5520x2400@30fps Detail:2560x1440@30fps
Min. Illumination	Color: 0.001lux@ (F1.6, 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	Color: 0.001lux@ (F1.6, AGC ON), 0lux with IR	Color: 0.001lux@ (F1.6, AGC ON), 0lux with IR	Panorama:0.0004lux Detail:0.001lux
Focal Length	4.7mm-141mm	5mm-115mm	4.8mm-120mm	5.7mm - 250mm	5.7mm - 359mm	Panorama:2.8mm Detail:5.7mm - 359mm
Optical Zoom	30X	23X	25X	44X	63X	Panorama:N/A Detail:63X
Digital Zoom	16X	16X	16X	16X	16X	Panorama:N/A Detail:16X
Auto-Tracking	Auto-Tracking	N/A	Auto-Tracking	Auto-Tracking	Auto-Tracking	Auto-Tracking
Audio I/O	1,Input Impedance 1k Ω ,2.0-2.4Vp-p; 1,Output Impedance 600 Ω	1,Input Impedance 1k Ω ,2.0-2.4Vp-p; 1,Output Impedance 600 Ω	1,Input Impedance 1k Ω ,2.0-2.4Vp-p; 1,Output Impedance 600 Ω	1,Input Impedance 1k Ω ,2.0-2.4Vp-p; 1,Output Impedance 600 Ω	1,Input Impedance 1k Ω ,2.0-2.4Vp-p; 1,Output Impedance 600 Ω	1,Input Impedance 1k Ω ,2.0-2.4Vp-p; 1,Output Impedance 600 Ω
Alarm I/O	8/2	1/1	1/1	8/2	8/2	8/2
Power Supply	AC24V \pm 25%/DC24V \pm 10%	DC12V \pm 10%	DC12V \pm 10%	DC36V \pm 25%	DC36V \pm 25%	DC36V \pm 25%
PoE Power Supply	PoE:IEEE 802.3bt	PoE:IEEE 802.3at	PoE:IEEE 802.3at	PoE:IEEE 802.3bt	PoE:IEEE 802.3bt	N/A
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66

Model	 LK TC-H356V Spec:44X/1W/E/A	 LK TC-A3555S Spec:0/A/2.8-12mm/9-54mm/V2.0	 LK TC-H366V Spec:4MP/25X/1W/E/A/2.8mm	 LK TC-H356S Spec:23X/1/A
Image Sensor	1/1.8"CMOS	Panorama:1/1.8"CMOS Detail:1/1.8"CMOS	Panorama:1/1.8"CMOS Detail:1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP,3072x1728@30fps	Panorama:3072x1728@20fps Detail:3072x1728@20fps	Panorama:3840x1568@30fps Detail:2560x1440@30fps	2880x1620@30fps
Min. Illumination	Color:0.0001lux@ (F1.6,AGC ON),B/W:0lux with IR	Panorama:0.0008lux Detail:0.003lux	Panorama:0.0001lux Detail:0.001Lux	Color: 0.001lux@ (F1.6, AGC ON), B/W: 0lux with IR
Focal Length	6mm ~ 264mm	Panorama:2.8mm ~ 12mm Detail:9mm ~ 54mm	Panorama:3.3mm Detail:4.8mm ~ 120mm	5mm-115mm
Optical Zoom	44X	Panorama:4X Detail:6X	Panorama:N/A Detail:25X	23X
Digital Zoom	16X	Panorama:Not supported Detail:16X	Panorama:N/A Detail:16X	16X
Auto-Tracking	Auto-Tracking	Auto-Tracking	Auto-Tracking	Auto-Tracking
Audio I/O	1*Input Impedance 1kΩ,2.0-2.4Vp-p	1*Input Impedance 1kΩ,2.0-2.4Vp-p	1,Input Impedance 1kΩ,2.0-2.4Vp-p; 1,Output Impedance 600Ω	1*Input Impedance 1kΩ,2.0-2.4Vp-p; 1*Output Impedance 600Ω
Alarm I/O	8/2	3/2	2/1	1/1
Power Supply	AC24V±25%	AC24V±25%	AC24V±25%	AC220V
PoE Power Supply	PoE:IEEE 802.3bt	N/A	PoE:IEEE 802.3bt	N/A
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	IP68






NVR






From entry level choice to high end project models, Tiandy NVR products also provide different functions, performance and PSE models. With Onvif supported, Tiandy NVR can not only connect with Tiandy front-end devices, but also with products with Onvif protocol, offering you the abundant choices in all kinds of application scenarios.













NVR






PTZ






Model	 TC-R3104 Spec:I/B/P4/C/Eu/L/S	 TC-R3108 Spec:I/B/P8/C/Eu/L/S	 TC-R3104 Spec:I/B/P4/C/Eu/L/S/V2.0	 TC-R3108 Spec:I/B/P8/C/Eu/L/S/V2.0	 TC-R3105 Spec:I/B/P4/L/S
Access Channel	4	8	4	8	5
Incoming Bandwidth	60Mbps	60Mbps	60Mbps	60Mbps	60Mbps
Outgoing Bandwidth	40Mbps	40Mbps	40Mbps	40Mbps	40Mbps
Preview Decoding Capability	5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×1, 1080P(30fps)×2, 6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 720P(30fps)×4, 4CIF(30fps)×4				
Audio Output	Not supported	Not supported	Not supported	Not supported	Not supported
HDMI	1×HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI	1×HDMI	1×HDMI
VGA	Not supported	Not supported	1×VGA	1×VGA	Not supported
HDD Capacity	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
PoE Interface	4×RJ45, 10/100 Mbps self-adaptive Ethernet port	8×RJ45, 10/100 Mbps self-adaptive Ethernet port	4×RJ45, 10/100 Mbps self-adaptive Ethernet port	8×RJ45, 10/100 Mbps self-adaptive Ethernet port	4×RJ45, 10/100 Mbps self-adaptive Ethernet port
RS232	Not supported	Not supported	Not supported	Not supported	Not supported
RS485	Not supported	Not supported	Not supported	Not supported	Not supported
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm Input	Not supported	Not supported	Not supported	Not supported	Not supported
Alarm Output	Not supported	Not supported	Not supported	Not supported	Not supported
Power Supply	DC48V 1A	DC48V 1.35A	DC48V 1A	DC48V 1.35A	DC48V 1.35A
Boundary Dimensions	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm

Model	 TC-R3110 Spec:I/B/P8/L/S	 TC-R3105 Spec:I/B/P4/Eu/L/S/V2.0	 TC-R3110 Spec:I/B/P8/Eu/L/S/V2.0	 TC-R3105 Spec:I/B/L/S	 TC-R3105 Spec:I/B/P/L/V1.1
Access Channel	10	5	10	5	5
Incoming Bandwidth	60Mbps	60Mbps	60Mbps	60Mbps	60Mbps
Outgoing Bandwidth	40Mbps	40Mbps	40Mbps	40Mbps	40Mbps
Preview Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10				
Audio Output	Not supported	Not supported	Not supported	Not supported	Not supported
HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI	1×HDMI(supports up to 4K resolution output)
VGA	Not supported	1×VGA	1×VGA	Not supported	1×VGA
HDD Capacity	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD	Up to 8 TB capacity for each HDD
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
PoE Interface	8×RJ45, 10/100 Mbps self-adaptive Ethernet port	4×RJ45, 10/100 Mbps self-adaptive Ethernet port	8×RJ45, 10/100 Mbps self-adaptive Ethernet port	Not supported	4×RJ45, 10/100 Mbps self-adaptive Ethernet port
RS232	Not supported	Not supported	Not supported	Not supported	Not supported
RS485	Not supported	Not supported	Not supported	Not supported	Not supported
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm Input	Not supported	Not supported	Not supported	Not supported	Not supported
Alarm Output	Not supported	Not supported	Not supported	Not supported	Not supported
Power Supply	DC48V 1.875A	DC48V 1.35A	DC48V 1.875A	DC12V 1.5A	DC48V 1.35A
Boundary Dimensions	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	203(L)120(W)39(H)mm	200(L)200(W)43(H)mm

Model					
	TC-R3105 Spec:1/B/P/V3.0	TC-R3110 Spec:1/B/P8/V3.0	TC-R3105 Spec:1/B/P4/K/V3.1	TC-R3110 Spec:1/B/P8/K/V3.1	TC-R3210 Spec:1/B/P8/K/V3.1
Access Channel	5	10	5	10	10
Incoming Bandwidth	60Mbps	80Mbps	80Mbps	80Mbps	160Mbps
Outgoing Bandwidth	40Mbps	80Mbps	80Mbps	80Mbps	64Mbps
Preview Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×5, 4CIF(30fps)×5	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10;*. The length or width of camera resolution (each track) cannot exceed 4096 pixels.	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×5, 720P(30fps)×5, 4CIF(30fps)×5;*. The length or width of camera resolution (each track) cannot exceed 4096 pixels.	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10;*. The length or width of camera resolution (each track) cannot exceed 4096 pixels.	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10;*. The length or width of camera resolution (each track) cannot exceed 4096 pixels.
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)
VGA	1×VGA	1×VGA	1×VGA	1×VGA	1×VGA
HDD Capacity	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
PoE Interface	4×RJ45, 10/100 Mbps self-adaptive Ethernet port	8×RJ45, 10/100 Mbps self-adaptive Ethernet port	4×RJ45, 10/100 Mbps self-adaptive Ethernet port	8×RJ45, 10/100 Mbps self-adaptive Ethernet port	8×RJ45, 10/100 Mbps self-adaptive Ethernet port
RS232	Not supported	Not supported	Not supported	Not supported	Not supported
RS485	Not supported	Not supported	Not supported	Not supported	Not supported
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm Input	Not supported	Not supported	4-ch, TTL inputs, 3mA, 3.3VDC	4-ch, TTL inputs, 3mA, 3.3VDC	4-ch, TTL inputs, 3mA, 3.3VDC
Alarm Output	Not supported	Not supported	1-ch, relay output, 1A, 24VDC	1-ch, relay output, 1A, 24VDC	1-ch, relay output, 1A, 24VDC
Power Supply	DC48V 1.35A	DC48V 1.875A	DC48V 1.35A	DC48V 1.875A	100-240V AC
Boundary Dimensions	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm	440(L)277(W)47.5(H)mm






Model					
	TC-R3220 Spec:1/B/P16/K/V3.1	TC-R3105 Spec:1/B/L/V1.1	TC-R3105 Spec:1/B/L/Eu/V1.1	TC-R3110 Spec:1/B/L/V1.1	TC-R3110 Spec:1/B/L/Eu/V1.1
Access Channel	20	5	5	10	10
Incoming Bandwidth	160Mbps	60Mbps	60Mbps	60Mbps	60Mbps
Outgoing Bandwidth	64Mbps	40Mbps	40Mbps	40Mbps	40Mbps
Preview Decoding Capability	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×16, 4CIF(30fps)×20;*. The length or width of camera resolution (each track) cannot exceed 4096 pixels.	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×5, 4CIF(30fps)×5	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×5, 4CIF(30fps)×5	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10
Audio Output	1-ch, RCA (Linear, 1 KΩ)	Not supported	Not supported	Not supported	Not supported
HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)
VGA	1×VGA	1×VGA	1×VGA	1×VGA	1×VGA
HDD Capacity	Up to 10 TB capacity for each HDD	Up to 8 TB capacity for each HDD	Up to 8 TB capacity for each HDD	Up to 8 TB capacity for each HDD	Up to 8 TB capacity for each HDD
Network Interface	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
PoE Interface	16×RJ45, 10/100 Mbps self-adaptive Ethernet port	Not supported	Not supported	Not supported	Not supported
RS232	Not supported	Not supported	Not supported	Not supported	Not supported
RS485	Not supported	Not supported	Not supported	Not supported	Not supported
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm Input	4-ch, TTL inputs, 3mA, 3.3VDC	Not supported	Not supported	Not supported	Not supported
Alarm Output	1-ch, relay output, 1A, 24VDC	Not supported	Not supported	Not supported	Not supported
Power Supply	100-240V AC	DC12V 1.5A	DC12V 1.5A	DC12V 1.5A	DC12V 1.5A
Boundary Dimensions	440(L)277(W)47.5(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm






Model	 SK TC-R3105 Spec: I/B/V3.0	 SK TC-R3110 Spec: I/B/V3.0	 SK TC-R3120 Spec: I/B/V3.0	 SK TC-R3110 Spec: I/B/K/V3.1	 SK TC-R3120 Spec: I/B/K/V3.1
Access Channel	5	10	20	10	20
Incoming Bandwidth	60Mbps	60Mbps	80Mbps	80Mbps	80Mbps
Outgoing Bandwidth	40Mbps	40Mbps	80Mbps	80Mbps	80Mbps
Preview Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×5, 4CIF(30fps)×5				
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)
VGA	1×VGA	1×VGA	1×VGA	1×VGA	1×VGA
HDD Capacity	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
PoE Interface	Not supported	Not supported	Not supported	Not supported	Not supported
RS232	Not supported	Not supported	Not supported	Not supported	Not supported
RS485	Not supported	Not supported	Not supported	Not supported	Not supported
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm Input	Not supported	Not supported	Not supported	4-ch, TTL inputs, 3mA, 3.3VDC	4-ch, TTL inputs, 3mA, 3.3VDC
Alarm Output	Not supported	Not supported	Not supported	1-ch, relay output, 1A, 24VDC	1-ch, relay output, 1A, 24VDC
Power Supply	DC12V 3.3A	DC12V 3.3A	DC12V 3.3A	DC12V 3.3A	DC12V 3.3A
Boundary Dimensions	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm

Model	 SK TC-R3210 Spec: I/B/K/V3.1	 SK TC-R3220 Spec: I/B/K/V3.1	 SK TC-R3232 Spec: I/B/K/V3.1	 SK TC-R3432 Spec: I/B/K/V3.1	 LK TC-R3840 Spec: I/B/N/V4.0
Access Channel	10	20	32	32	40
Incoming Bandwidth	160Mbps	160Mbps	160Mbps	160Mbps	640Mbps
Outgoing Bandwidth	64Mbps	64Mbps	48Mbps	48Mbps	320Mbps
Preview Decoding Capability	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10;*. The length or width of camera resolution (each track) cannot exceed 4096 pixels.				
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, 3.5mm	1-ch, 3.5mm; BNC
HDMI	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	2×HDMI(supports up to 4K resolution output)
VGA	1×VGA	1×VGA	1×VGA	1×VGA	2×VGA
HDD Capacity	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 24 TB capacity for each HDD
Network Interface	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
PoE Interface	Not supported	Not supported	Not supported	Not supported	Not supported
RS232	Not supported	Not supported	Not supported	Not supported	1×RS232
RS485	Not supported	Not supported	Not supported	Not supported	2×RS485
USB	2×USB2.0	2×USB2.0	2×USB2.0	1×USB2.0 1×USB3.0	2×USB2.0 1×USB3.0
Alarm Input	4-ch, TTL inputs, 3mA, 3.3VDC	4-ch, TTL inputs, 3mA, 3.3VDC	4-ch, TTL inputs, 3mA, 3.3VDC	Not supported	16-ch, TTL inputs, 3mA, 3.3VDC
Alarm Output	1-ch, relay output, 1A, 24VDC	1-ch, relay output, 1A, 24VDC	1-ch, relay output, 1A, 24VDC	Not supported	4-ch, relay outputs, 1A, 24VDC
Power Supply	DC12V 3.3A	DC12V 3.3A	DC12V 3.3A	DC12V 5A	100-240V AC
Boundary Dimensions	341(L)273(W)47(H)mm	341(L)273(W)47(H)mm	341(L)273(W)47(H)mm	440(L)347(W)75(H)mm	440(L)460(W)94(H)mm

NVR

NVR

Model	 LK TC-R3880 Spec:I/B/N/V4.0	 LK TC-R3440 Spec:I/B/P16/H/V4.0	 LK TC-R3240 Spec:I/B/N/H/V4.0	 LK TC-R3440 Spec:I/B/N/H/C/V4.0	 LK TC-R3440 Spec:I/B/N/V4.0
Access Channel	80	40	40	40	40
Incoming Bandwidth	640Mbps	400Mbps	400Mbps	400Mbps	400Mbps
Outgoing Bandwidth	320Mbps	400Mbps	400Mbps	400Mbps	400Mbps
Preview Decoding Capability	16MP(30fps)×3, 12MP(30fps)×4, 8MP(30fps)×6, 6MP(30fps)×8, 5MP(30fps)×9, 4MP(30fps)×12, 3MP(30fps)×16, 1080P(30fps)×24, 720P(30fps)×48, 4CIF(30fps)×80	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16, 720P(30fps)×32, 4CIF(30fps)×40	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16, 720P(30fps)×32, 4CIF(30fps)×40	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16, 720P(30fps)×32, 4CIF(30fps)×40	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16, 720P(30fps)×32, 4CIF(30fps)×40
Audio Output	Not supported	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
HDMI	2×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)	1×HDMI(supports up to 4K resolution output)
VGA	2×VGA	1×VGA	1×VGA	1×VGA	1×VGA
HDD Capacity	Up to 24 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD	Up to 10 TB capacity for each HDD
Network Interface	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
PoE Interface	Not supported	16×RJ45, 10/100 Mbps self-adaptive Ethernet port	Not supported	Not supported	Not supported
RS232	1×RS232	Not supported	1×RS232	Not supported	1×RS232
RS485	2×RS485	1×RS485	1×RS485	Not supported	1×RS485
USB	2×USB2.0 1×USB3.0	2×USB2.0 1×USB3.0	1×USB2.0 1×USB3.0	1×USB2.0 1×USB3.0	1×USB2.0 1×USB3.0
Alarm Input	16-ch, TTL inputs, 3mA, 3.3VDC	16-ch, TTL inputs, 3mA, 3.3VDC	16-ch, TTL inputs, 3mA, 3.3VDC	Not supported	16-ch, TTL inputs, 3mA, 3.3VDC
Alarm Output	4-ch, relay outputs, 1A, 24VDC	4-ch, relay outputs, 1A, 24VDC	4-ch, relay outputs, 1A, 24VDC	Not supported	4-ch, relay outputs, 1A, 24VDC
Power Supply	100-240V AC	100-240V AC	DC12V 3.3A	DC12V 5A	DC12V 5A
Boundary Dimensions	440(L)460(W)94(H)mm	440(L)347(W)75(H)mm	440(L)277(W)47.5(H)mm	440(L)347(W)75(H)mm	440(L)347(W)75(H)mm

Model	 LK Face Recognition TC-R3820 Spec:I/F/N/V4.0	 LK Hot-swap TC-R31640 Spec:E/B/N/V4.0	 LK Hot-swap TC-R31680 Spec:E/B/R/N/V4.0	 LK Hot-swap TC-R324160 Spec:E/B/R/N/V4.1	 LK Hot-swap TC-R324160 Spec:E/B/N/V4.1
Access Channel	20	40	80	160	160
Incoming Bandwidth	256Mbps	640Mbps	640Mbps	800Mbps	800Mbps
Outgoing Bandwidth	256Mbps	320Mbps	320Mbps	400Mbps	400Mbps
Preview Decoding Capability	16MP(30fps)×3, 12MP(30fps)×4, 8MP(30fps)×7, 6MP(30fps)×9, 5MP(30fps)×11, 4MP(30fps)×14, 3MP(30fps)×18, 1080P(30fps)×20, 720P(30fps)×20	16MP(30fps)×3, 12MP(30fps)×4, 8MP(30fps)×6, 6MP(30fps)×8, 5MP(30fps)×9, 4MP(30fps)×12, 3MP(30fps)×16, 1080P(30fps)×24, 720P(30fps)×40, 4CIF(30fps)×40	16MP(30fps)×3, 12MP(30fps)×4, 8MP(30fps)×6, 6MP(30fps)×8, 5MP(30fps)×9, 4MP(30fps)×12, 3MP(30fps)×16, 1080P(30fps)×24, 720P(30fps)×48, 4CIF(30fps)×80	16MP(30fps)×3, 12MP(30fps)×4, 8MP(30fps)×7, 6MP(30fps)×9, 5MP(30fps)×11, 4MP(30fps)×14, 3MP(30fps)×18, 1080P(30fps)×28, 720P(30fps)×56, 4CIF(30fps)×80	16MP(30fps)×3, 12MP(30fps)×4, 8MP(30fps)×7, 6MP(30fps)×9, 5MP(30fps)×11, 4MP(30fps)×14, 3MP(30fps)×18, 1080P(30fps)×28, 720P(30fps)×56, 4CIF(30fps)×80
Audio Output	1-ch, 3.5mm; BNC	1-ch, 3.5mm; BNC	1-ch, 3.5mm; BNC	1-ch, 3.5mm	1-ch, 3.5mm
HDMI	2×HDMI(supports up to 4K resolution output)	2×HDMI(supports up to 4K resolution output)	2×HDMI(supports up to 4K resolution output)	2×HDMI(supports up to 4K resolution output)	2×HDMI(supports up to 4K resolution output)
VGA	2×VGA	2×VGA	2×VGA	1×VGA	1×VGA
HDD Capacity	Up to 24 TB capacity for each HDD	Up to 24 TB capacity for each HDD	Up to 24 TB capacity for each HDD	Up to 24 TB capacity for each HDD	Up to 24 TB capacity for each HDD
Network Interface	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	4×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	4×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
PoE Interface	Not supported	Not supported	Not supported	Not supported	Not supported
RS232	1×RS232	1×RS232	1×RS232	1×RS232	1×RS232
RS485	2×RS485	2×RS485	2×RS485	2×RS485	2×RS485
USB	2×USB2.0 1×USB3.0	2×USB2.0 1×USB3.0	2×USB2.0 1×USB3.0	2×USB2.0 1×USB3.0	2×USB2.0 1×USB3.0
Alarm Input	16-ch, TTL inputs, 3mA, 3.3VDC	16-ch, TTL inputs, 3mA, 3.3VDC	16-ch, TTL inputs, 3mA, 3.3VDC	16-ch, TTL inputs, 3mA, 3.3VDC	16-ch, TTL inputs, 3mA, 3.3VDC
Alarm Output	8-ch, relay outputs, 1A, 24VDC	4-ch, relay outputs, 1A, 24VDC	4-ch, relay outputs, 1A, 24VDC	8-ch, relay outputs, 1A, 24VDC	8-ch, relay outputs, 1A, 24VDC
Power Supply	100-240V AC	100-240V AC	100-240V AC	100-240V AC	100-240V AC
Boundary Dimensions	440(L)451(W)94(H)mm	540(L)484(W)132(H)mm	540(L)484(W)132(H)mm	530(L)484.5(W)174.5(H)mm	530(L)484.5(W)174.5(H)mm

CMS

The CMS platform enables unified management of security systems, integrating various systems such as video surveillance, personnel management, and vehicle management. It allows for remote parameter configuration and control, as well as centralized user and permission management across the entire network, meeting the needs of multi-user monitoring and system management. The platform also supports seamless integration with other systems, facilitating resource consolidation and data sharing. This helps to build a high-definition, intelligent, and efficient security management system that is both user-friendly and future-proof.



K1000

TC-S3608 Spec:T/2U/V3.0



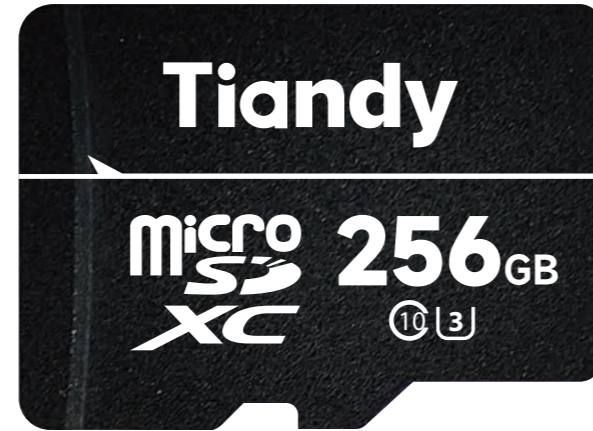
K2000




TC-S36424 Spec:T/4U/V5.2

Model	TC-S3608 Spec:T/2U/V3.0	TC-S36424 Spec:T/4U/V5.2
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	OpenEuler-22.03-LTS-SP1	OpenEuler-22.03-LTS-SP1
Storage HDD	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 Points	1000	2000
Maximum of concurrent storage channels	180	180
Access Bandwidth	360M	360M
Forwarding Bandwidth	360M	360M
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

TF CARD

Tiandy microSD are highly integrated flash memories with serial and random-access capability. It is accessible via a dedicated serial interface optimized for fast and reliable data transmission. A low power consumption and a wide supply voltage range favors mobile, battery-powered application. Using very effective data compression schemes, it will deliver enough capacity for all kinds of multimedia data.



Model			
	TC-P3TF Spec:64G	TC-P3TF Spec:128G	TC-P3TF Spec:256G
Card type	TF(MicroSD)	TF(MicroSD)	TF(MicroSD)
Speed grade	Class 10, U3	Class 10, U3	Class 10, U3
Storage capacity	64GB	128GB	256GB
Write speed(min)	30MB/s	30MB/s	30MB/s
Storage temperature	25°C-85°C	25°C-85°C	25°C-85°C

KEYBOARD

USB keyboard is a control device with joystick that can realize convenient PTZ operation, Screen switching control, etc.

- Powerful control 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°C
Supply	Multi-user access control, Controls NVR, K1000,K2000, Decoder, Work with Easy7 Smart via USB port

DECODER

As one of the core components in a security monitoring system, the decoder plays a crucial role in converting digital video signals into high-definition images. Tiandy's decoder not only supports multiple video formats, ensuring the clarity and smoothness of the surveillance footage, but also offers robust compatibility and stability, providing a solid foundation for the reliable operation of security systems. With the continuous advancement of security technology, Tiandy's decoder is evolving towards higher resolution and enhanced intelligence, meeting the growing demands of modern.

















Model					
Output	4-ch HDMI output	6-ch HDMI output	9-ch HDMI output	12-ch HDMI output	16-ch HDMI output
HDMI output capability	4k (3840*2160@30Hz) 1920*1080@60Hz, 1280*720@60Hz, 1280*800@60Hz, 1440*900@60Hz, 1280*1024@60Hz, 1366*768@60Hz, 1024*768@60Hz, 800*600@60Hz	4k (3840*2160@30Hz) (only supported by ports 1, 5, and 9 in HD mode) 1920*1080@60Hz, 1280*720@60Hz, 1280*800@60Hz, 1440*900@60Hz, 1280*1024@60Hz, 1366*768@60Hz, 1024*768@60Hz, 800*600@60Hz	4k (3840*2160@30Hz) (only supported by ports 1, 5, and 9 in HD mode) 1920*1080@60Hz, 1280*720@60Hz, 1280*800@60Hz, 1440*900@60Hz, 1280*1024@60Hz, 1366*768@60Hz, 1024*768@60Hz, 800*600@60Hz	4k (3840*2160@30Hz) (only ports 1, 5, 7, and 11 are supported in HD mode) 1920*1080@60Hz, 1280*720@60Hz, 1280*800@60Hz, 1440*900@60Hz, 1280*1024@60Hz, 1366*768@60Hz, 1024*768@60Hz, 800*600@60Hz	4k (3840*2160@30Hz) (only supported by ports 1, 5, 9, and 13 in HD mode) 1920*1080@60Hz, 1280*720@60Hz, 1280*800@60Hz, 1440*900@60Hz, 1280*1024@60Hz, 1366*768@60Hz, 1024*768@60Hz, 800*600@60Hz
Input	N/A	2-ch HDMI	2-ch HDMI	2-ch HDMI, 2-ch DVI-I	2-ch HDMI, 2-ch DVI-I
Decoding channels	64 channels	96 channels	144 channels	192 channels	256 channels
Decoding capability	4 -ch 12MP@30fps, 8 -ch 8MP@30fps, 10 -ch 6MP@30fps, 12 -ch 5MP@30fps, 16 -ch 4MP@30fps, 20 -ch 3MP@30fps, 32 -ch 1080P@30fps, 64 -ch 720p@30fps	8 -ch 12MP@30fps, 16 -ch 8MP@30fps, 20 -ch 6MP@30fps, 24 -ch 5MP@30fps, 32 -ch 4MP@30fps, 40 -ch 3MP@30fps, 64 -ch 1080P@30fps	12 -ch 12MP@30fps, 24 -ch 8MP@30fps, 30 -ch 6MP@30fps, 36 -ch 5MP@30fps, 48 -ch 4MP@30fps, 60 -ch 3MP@30fps, 96 -ch 1080P@30fps	16 -ch 12MP@30fps, 32 -ch 8MP@30fps, 40 -ch 6MP@30fps, 48 -ch 5MP@30fps, 64 -ch 4MP@30fps, 80 -ch 3MP@30fps, 128 -ch 1080P@30fps	16 -ch 12MP@30fps, 32 -ch 8MP@30fps, 40 -ch 6MP@30fps, 48 -ch 5MP@30fps, 64 -ch 4MP@30fps, 80 -ch 3MP@30fps, 128 -ch 2MP@30fps, 256 -ch 720p@30fps
Network interface	2×RJ45 10M/100M/1000Mbps adaptive Ethernet ports	2×RJ45 10M/100M/1000Mbps adaptive Ethernet ports	2×RJ45 10M/100M/1000Mbps adaptive Ethernet ports	2×RJ45 10M/100M/1000Mbps adaptive Ethernet ports	2×RJ45 10M/100M/1000Mbps adaptive Ethernet ports
Audio interface	N/A	1/1	1/1	1/1	1/1
Alarm interface	N/A	8/8	8/8	8/8	8/8
Serial Interface	N/A	2×RS232, 2×RS485	2×RS232, 2×RS485	2×RS232, 2×RS485	2×RS232, 2×RS485
USB Interface	1×USB3.0, 1×USB2.0	1×USB3.0, 1×USB2.0	1×USB3.0, 2×USB2.0	1×USB3.0, 2×USB2.0	1×USB3.0, 2×USB2.0
Operating Temperature	-10°C-55°C	-10°C-55°C	-10°C-55°C	-10°C-55°C	-10°C-55°C

SWITCH

Tiandy PoE Switch, adopting high-quality and high-speed network IC and the most stable POE chip, the POE port meets the standard of 802.3af or 802.3at. This series of POE switches can automatically detect and supply power to the power-receiving devices that meet the standard of and the intelligent detection of non-POE devices only transmits data. With simple and convenient installation and maintenance means, Tiandy PoE switch can help users build a safe and reliable high-performance network. They can be widely used in small and medium-sized enterprises, Internet cafes, hotels, schools and other Ethernet access scenarios for PoE devices.







Model	 TC-P3S06 Spec:F/0420/AT/55	 TC-P3S06 Spec:H/0402/AT/60	 TC-P3S010 Spec:F/0820/AT/90	 TC-P3S010 Spec:H/0820/AT/90
I/O Interface	4FE+2FE	4GE+2SFP	8FE+2FE	8FE+2GE
DIP Switch	Yes(VLAN/Default/Extend)	Yes(VLAN/Default/Extend)	Yes(VLAN/Default/Extend)	Yes(VLAN/Default/Extend)
PoE Watchdog	Yes	Yes	Yes	Yes
LED Indicators	PWR(Power Supply), Mode(DIP), 1-6 Green(Link&Data), POE Max(Power)	PWR(power supply),Mode(DIP),1-6(Link&Data)	PWR(Power Supply), SW(DIP), 1-10 Green(Link&Data), POE Max(Power)	PWR(Power Supply), SW(DIP), 1-10 Green(Link & Data), POE Max(Power)
POE LED Buttons	Dual color light selection: default green (link data), switch yellow light (POE)	Dual color light selection: default green (link data), switch yellow light (POE)	Dual color light selection: default green (link data), switch yellow light (POE)	Dual color light selection: default green (link data), switch yellow light (POE)
Working Environment	Working Temperature: -10-50°C Storage Temperature: -40-70°C Working Humidity: 10%-90%, non-condensing Storage Temperature: 5%-95%, non-condensing	Working Temperature: -10-50°C Storage Temperature: -40-70°C Working Humidity: 10%-90%, non-condensing Storage Temperature: 5%-95%, non-condensing	Working temperature: -10-50 ° C Storage temperature: -40-70 ° C Working Humidity : 10%-90%, non-condensing Storage Temperature: 5%-95%, non-condensing	Working Temperature: -10-50°C Storage Temperature: -40-70°C Working Humidity : 10%-90%, non-condensing Storage Temperature: 5%-95%, non-condensing
Power	Input Voltage: AC 100-240 V Power Supply: 52V /1.25A	Input Voltage : AC 100-240 V Power supply : 52V /1.25A	Input Voltage: AC 100-240 V Power Supply: 52V /1.92A	Input Voltage: AC 100-240 V Power supply: 52V /1.92A





Model					
					
	TC-P3S010 Spec:G/0820/AT/110	TC-P3S019 Spec:H/1621/AT/180	TC-P3S020 Spec:G/1622/AT/180	TC-P3S027 Spec:H/2421/AT/260	TC-P3S028 Spec:G/2422/AT/280
I/O Interface	8GE+2GE	16FE+2GE+1SFP	16GE+2GE+2SFP	24FE+2GE+1SFP	24GE+2GE+2SFP
DIP Switch	Yes(VLAN/Default/Extend)	Yes(VLAN/Default/Extend)	Yes(VLAN/Default/Extend)	Yes(VLAN/Default/Extend)	Yes(VLAN/Default/Extend)
PoE Watchdog	Yes	Yes	Yes	Yes	Yes
LED Indicators	PWR(Power),1-10 Green Light(Link&Data)	PWR(Power indication),Mode(Dial indicator),1-19Green(Link&Data),POE Max(Power display)	PWR(Power),1-20 Green Light(Link&Data),1-16(Yellow Light),POE Led Key	PWR(Power indication),Mode(Dial indicator),1-19Green(Link&Data),POE Max(Power display)	PWR(Power),1-28 Green Light(Link&Data),1-16(Yellow Light),POE Led Key
POE LED Buttons	Dual color light selection: default green (link data), switch yellow light (POE)	Dual color light selection: default green (link data), switch yellow light (POE)	Dual color light selection: default green (link data), switch yellow light (POE)	Dual color light selection: default green (link data), switch yellow light (POE)	Dual color light selection: default green (link data), switch yellow light (POE)
Working Environment	Working Temperature: -10-50 °C Storage Temperature: -40-70 °C Working Humidity: 10%-90%, non-condensing Storage Temperature: 5%-95%, non-condensing	Working Temperature: -10-50°C Storage Temperature: -40-70°C Working Humidity: 10%-90%, non-condensing Storage Temperature: 5%-95%, non-condensing	Working temperature: -10-50°C Storage temperature: -40-70°C Working humidity: 10%-90%, non-condensing Storage humidity: 5%-95%, non-condensing	Working Temperature: -10-50°C Storage Temperature: -40-70°C Working Humidity: 10%-90%, non-condensing Storage Temperature: 5%-95%, non-condensing	Working temperature: -10-50°C Storage temperature: -40-70°C Working humidity: 10%-90%, non-condensing Storage humidity: 5%-95%, non-condensing
Power	Input Voltage: AC 100-240 V 50-60Hz Supply Power: 52V /2.3A	Input Voltage: AC 100-240 V 50-60Hz Power supply: 52V /3.84A	Input Voltage: AC 100-240 V 50-60Hz Power supply: 52V /3.84A	Input Voltage: AC 100-240 V 50-60Hz Power supply: 52V /5.38A	Input Voltage: AC 100-240 V 50-60Hz Power supply: 52V /5.76A

MONITOR

Tiandy monitor products have ultra-high contrast ratio, sharp picture display, color performance is more outstanding. Part of the model support up to 4K resolution. With the use of hard-screen technology, hand-pressing will not leave water ripples. With various interfaces, they support a variety of I/O sources. support for a variety of languages, a variety of sizes can be selected; industrial-grade design, high reliability, high stability, low-power consumption, the life expectancy of up to 30,000 hours.






Model	 TC-D322 Spec:MON/P/V2.0	 TC-D324 Spec:MON/P/V2.0	 TC-D327 Spec:MON/P/V2.0	 TC-D332 Spec:MON/P/V2.0
Screen Size	22"	24"	27"	32"
Resolution	1080P	1080P	1080P	1080P
Backlight	LED	LED	LED	LED
Fresh Rate	60HZ	60HZ	60HZ	60HZ
Brightness	≥250cd/m ²	≥250cd/m ²	≥250cd/m ²	≥250cd/m ²
Contrast (TYP)	3000:1	3000:1	1000:1	4000:1
Reaction time (ms)	14	14	14	8
Viewable angle (H/V)	178 °(H) / 178 °(V)	178 °(H) / 178 °(V)	178 °(H) / 178 °(V)	178 °(H) / 178 °(V)
Video Input	HDMI*1, VGA*1	HDMI*1, VGA*1	HDMI*1, VGA*1	HDMI*1, VGA*1
Speaker	Yes	Yes	Yes	Yes
Power	DC 12V,2A	DC 12V,2A	DC 12V,3A	DC 12V,3A
Operating temperature	0 - 40°C	0 - 40°C	0°C - 50°C	0 - 40°C
Housing Material	Plastic	Plastic	Plastic	Plastic

Model	 TC-D343 Spec:MON/P/V2.0	 TC-D343 Spec:MON/4K/P/V2.0	 TC-D350 Spec:MON/4K/P/V2.0	 TC-D355 Spec:MON/4K/P/V2.0
Screen Size	43"	43"	50"	55"
Resolution	1080P	4K	4K	4K
Backlight	LED	LED	LED	LED
Fresh Rate	60HZ	60HZ	60HZ	60HZ
Brightness	≥250cd/m ²	≥250cd/m ²	≥250cd/m ²	≥250cd/m ²
Contrast (TYP)	1000:1	1200:1	5000:1	1200:1
Reaction time (ms)	8	8	9.5	8
Viewable angle (H/V)	178 °(H) / 178 °(V)	178 °(H) / 178 °(V)	178 °(H) / 178 °(V)	178 °(H) / 178 °(V)
Video Input	HDMI*1, VGA*1,USB*1	HDMI*2,DP*2	HDMI*2,DP*2	HDMI*2,DP*2
Speaker	Yes	Yes	Yes	Yes
Power	100 V - 240 V, 50-60 Hz	100 V - 240 V, 50-60 Hz	100 V - 240 V, 50-60 Hz	100 V - 240 V, 50-60 Hz
Operating temperature	0 - 40°C	0 - 40°C	0 - 40°C	0 - 40°C
Housing Material	Plastic	Plastic	Plastic	Plastic

PARKING

The parking barrier gate, as a core device in modern smart parking systems, plays a crucial role in safeguarding parking area security. Tiandy's barrier gate integrates advanced recognition and automated control technologies, allowing for precise and efficient vehicle identification. It enables authorized vehicle access, entry/exit record management, and provides strong security assurance for parking facilities.



Model					
Type	LPR all-in-one device	Vehicle barrier	MiniLPR	UHF reader	Anti-smash radar

ACCESS CONTROL

Access control systems are a vital part of modern security, integrating access control technology, biometric identification, and network communication. Tiandy's access control system ensures effective management of entry points, allowing only authorized personnel to access specific areas. It also features real-time monitoring and abnormal alarm functions, significantly enhancing security and management efficiency for various locations.

Model						
Type	Access Control Power supply	Electromagnetic door locks	Electric plug-in lock	L bracket	IC card issuer	IC card reader (with keyboard)
Model						
Type	IC card reader	One Door Access Controller	Two Door Access Controller	Four Door Access Controller	2-side pedestrian barrier	1-side pedestrian barrier

Mount Accessories

