en.tiandy.com

Tiandy

SMART IP SOLUTION

AK·Polar Day·WiFi·Turbo AI·AEW·SMD

AK/SK/LK/Tian
Switch/Decoder/Keyboard/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.

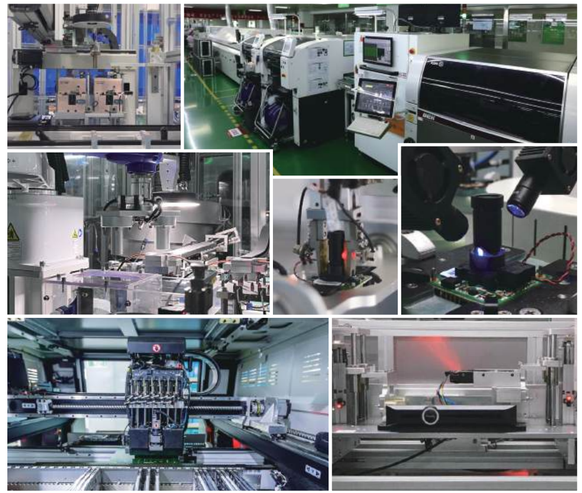
With strong and highly-capable R&D team as the core of our company, we put forward the"Starlight"concept in 2015, which we applied into IPC to take sharp and colorful image in static scene of 0.002 Lux. Then we improved the"Super Starlight"cameras with exclusive TVP algorithm to capture image in the 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

2018

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

2019

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

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

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

2022

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

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

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

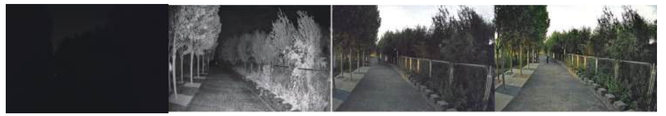
Human/Vehicle Classification
Less False Alarm

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;

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

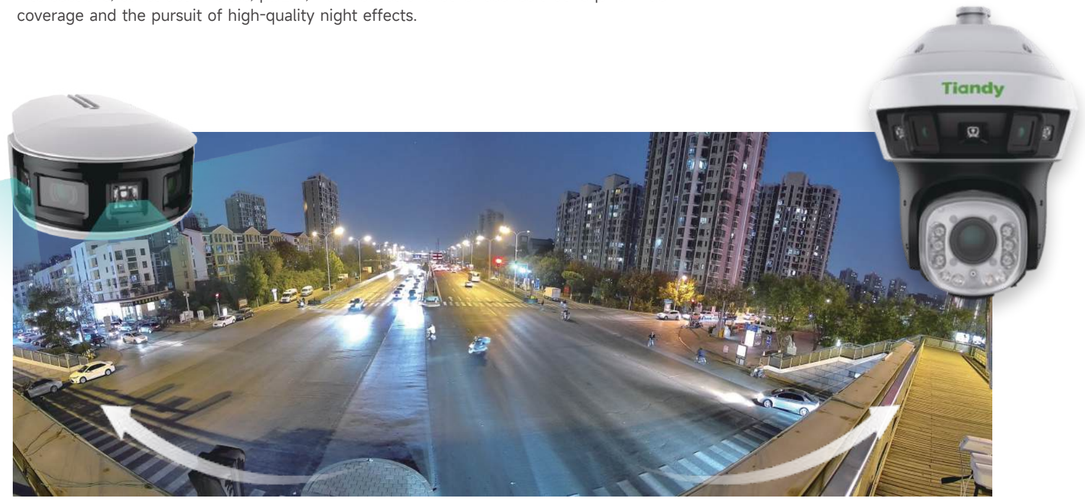
2017 Super Starlight 3.0 full light path coat 0.0005Lux

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 seires cameras will save a large amount of cost and effort while installation and deployment, which is more friendly to the home users compared to traditonal wired cameras.

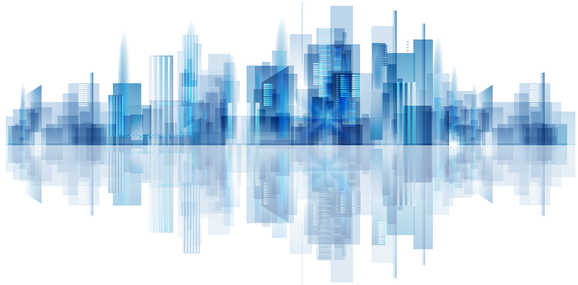
- Wireless series contains:
- Homeuse Wi-Fi Battery IPC
- Budget dual lens PT
- Wi-Fi Bullet Camera
- Indoor Wi-Fi PT Camera

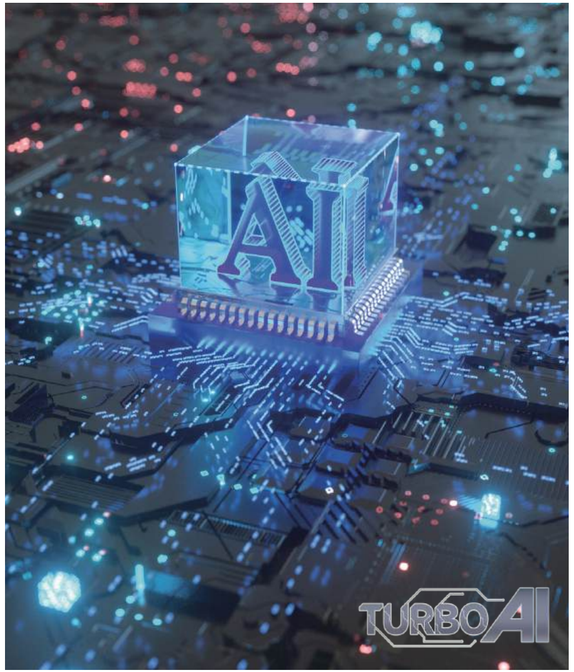
COLOR MAKER

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

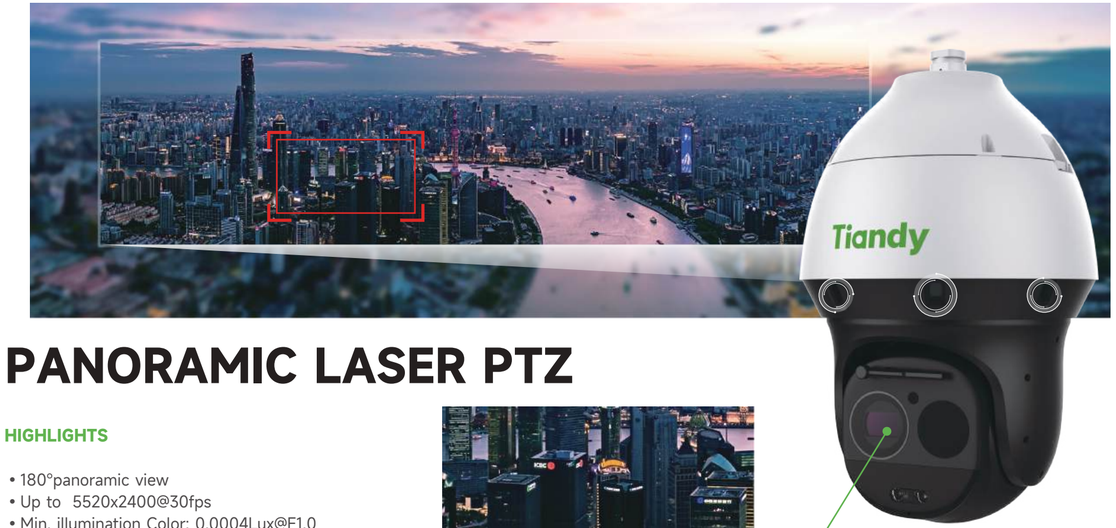
SMD series are based on deep learning and built-in human/vehicle classification algorithm, which can accurately classify human and vehicle targets and filter out other objects，such as small animals or moving objects, to avoid false alarms. Thus, it greatly improved the accuracy of detection. As the key 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 bandwith: 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

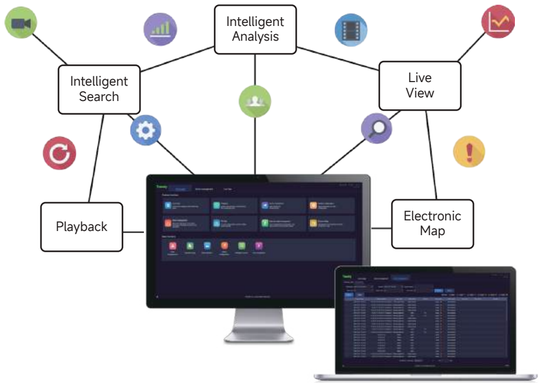
HIGHLIGHTS

- 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.

LUXURY HOTEL IN EGYPT

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

SUCCESSFUL CASES

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.

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.

SUCCESSFUL CASES

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.

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 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.

LARGE OUTDOOR MUSIC FESTIVAL IN KOREA

Tiandy provided an integrated video solution for one of the Korea's largest outdoor music festivals. The system ensured real-time safety management and centralized monitoring across main stages, entrances, and viewing areas, helping organizers respond quickly to incidents and maintain smooth event operations.This successful deployment highlights Tiandy's capability in safeguarding large-scale events with efficient and reliable security solutions.

AK

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

Model	AK2 Colormaker TC-C32IN 1ANB-28 TC-C32IN 1ANB-4	AK2 Colormaker TC-C320N 1ANB-28	AK2 TC-C32IN 1CNB-28 TC-C32IN 1CNB-4	AK2 TC-C320N 1CNB-28	AK1 TC-C32IN 1GNA-28 TC-C32IN 1GNA-4	AK1 TC-C320N 1GNA-28
Image Sensor	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"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 Distance	Up to 30m	Up to 30m	Up to 30m	Up to 30m	Up to 30m	Up to 30m
Whitelight Distance	Up to 15m	Up to 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. 2W	PoE:IEEE 802.3af,Max. 2W	PoE:IEEE 802.3af,Max. 2.5W	PoE:IEEE 802.3af,Max. 2.5W
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 TC-C32QN 2ENA-28 TC-C32QN 2ENA-4	SK TC-C32XN 2ENA-28	SK TC-C34QN 2GNA-28 TC-C34QN 2GNA-4	SK TC-C34XN 2GNA-28	SK TC-C34QN 2ENA-28 TC-C34QN 2ENA-4
Image Sensor	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS	1/3"CMOS
Max. Resolution	2MP,1920×1080@30fps	2MP,1920×1080@30fps	4MP,2560×1440@20fps	4MP,2560×1440@20fps	4MP,2560×1440@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@(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	DWD	DWDR
On-board storage	Not supported	Not supported	Not supported	Not supported	Not supported
IR Distance	Up to 30m	Up to 30m	Up to 30m	Up to 30m	Up to 30m
Whitelight Distance	Up to 15m	Up to 15m	Not supported	Not supported	Up to 15m
Power Supply	PoE:IEEE 802.3af,Max. 3W	PoE:IEEE 802.3af,Max. 3W	PoE:IEEE 802.3af,Max. 3W	PoE:IEEE 802.3af,Max. 3W	PoE:IEEE 802.3af,Max. 4W
Protection	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V	Surge4000V,ESD6000V,IP67
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)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic

SK

Model	SK TC-C34XN 2ENA-28	SK TC-C36QN 2ENA-28 TC-C36QN ZENA-4	SK TC-C36XN 2ENA-28	SK TC-C32RN Spec:I5/E/Y/QX/2.8mm/V4.2 TC-C32RN Spec:I5/E/Y/QX/4mm/V4.2	SK TC-C32QV 2FNA-28 TC-C32QV 2FNA-4
Image Sensor	1/3"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/3"CMOS	1/2.9"CMOS
Max. Resolution	4MP,2560×1440@30fps	6MP,3200×1800@30fps	6MP,3200×1800@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@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.0002Lux@(F1.0,AGC ON)
Focal Length	2.8mm/4mm	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm/4mm
WDR	DWDR	WDR	WDR	DWDR	WDR
On-board storage	Not supported	Not supported	Not supported	Not supported	Not supported
IR Distance	Up to 30m	Up to 30m	Up to 30m	Up to 50m	Not supported
Whitelight Distance	Up to 15m	Up to 15m	Up to 15m	Not supported	Up to 15m
Power Supply	PoE:IEEE 802.3af,Max. 4W	PoE:IEEE 802.3af,Max. 5W	PoE:IEEE 802.3af,Max. 5W	DC12V±25%,Max. 7.5W,PoE:IEEE 802.3af,Max. 8.5W	DC12V±25%,Max. 4.5W,PoE:IEEE 802.3af,Max. 6W
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67
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)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Plastic	Metal+plastic

SK

Model	SK TC-C32XV 2FNA-28	SK TC-C32GN Spec:I5/E/Y/C/2.8mm/V4.2 TC-C32GN Spec:I5/E/Y/C/4mm/V4.2	SK TC-C32HN Spec:I3/E/Y/C/2.8mm/V4.2	SK TC-C32KN Spec:I3/E/Y/C/2.8mm/V4.3	SK TC-C32KN Spec:I3/E/Y/C/SD/2.8mm/V4.3
Image Sensor	1/2.9"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	2MP,1920×1080@30fps	2MP,1920×1080@30fps
Min. Illumination	Color:0.0002Lux@(F1.0,AGC ON)	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.8mm/4mm	2.8mm	2.8mm	2.8mm
WDR	WDR	DWDR	DWDR	DWDR	DWDR
On-board storage	Not supported	Not supported	Not supported	Not supported	Support microSD/microSDHC/microSDXC card,up to 512GB
IR Distance	Not supported	Up to 50m	Up to 30m	Up to 30m	Up to 30m
Whitelight Distance	Up to 15m	Not supported	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 4.5W,PoE:IEEE 802.3af,Max. 6W	PoE:IEEE 802.3af,Max. 7W	PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 4.5W,PoE:IEEE 802.3af,Max. 5W	DC12V±25%,Max. 4.5W,PoE:IEEE 802.3af,Max. 5W
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66
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)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Plastic	Plastic

Model	SK TC-C34GN Spec:I5/E/Y/C/2.8mm/V4.2 TC-C34GN Spec:I5/E/Y/C/4mm/V4.2	SK TC-C34HN Spec:I5/E/Y/C/2.8mm/V4.2	SK TC-C34KN Spec:I5/E/Y/C/2.8mm/V4.3	SK TC-C34KN Spec:I3/E/Y/C/SD/2.8mm/V4.3	SK TC-C32UN Spec:I8/A/E/Y/2.8-12mm/V4.2
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.9"CMO	1/2.9"CMOS	1/2.8"CMOS
Max. Resolution	4MP,2688×1520@25fps	4MP,2688×1520@25fps	4MP,2688×1520@25fps	4MP,2688×1520@25fps	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@(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	2.8mm	2.8mm/4mm
WDR	DWDR	DWDR	120dB	120dB	DWDR
On-board storage	Not supported	Not supported	Not supported	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR Distance	Up to 50m	Up to 30m	Up to 30m	Up to 30m	Up to 80m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported	Not supported
Power Supply	PoE:IEEE 802.3af,Max. 7W	PoE:IEEE 802.3af,Max. 6W	DC12V±25%,Max. 5W,PoE:IEEE 802.3af,Max. 5.5W	DC12V±25%,Max. 5W,PoE:IEEE 802.3af,Max. 5.5W	DC12V±25%,Max. 6.5W,PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67
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)
Material	Metal+plastic	Metal+plastic	Plastic	Plastic	Metal+plastic

Model	SK TC-C32KN Spec:I3/A/E/Y/2.8-12mm/V4.2	SK TC-C34UN Spec:I8/A/E/Y/2.8-12mm/V4.2	SK TC-C34KN Spec:I3/A/E/Y/2.8-12mm/V4.2	SK TC-C32GS Spec:I5/E/Y/C/SD/2.8mm/V4.2 TC-C32GS Spec:I5/E/Y/C/SD/4mm/V4.2	SK TC-C32HS Spec:I3/E/Y/C/SD/2.8mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.9"CMOS	1/2.9"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	2MP,1920×1080@30fps	4MP,2688×1520@25fps	4MP,2688×1520@25fps	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@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8-12mm	2.8-12mm	2.8-12mm	2.8mm/4mm	2.8mm
WDR	DWDR	120dB	120dB	120dB	120dB
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 Distance	Up to 30m	Up to 80m	Up to 30m	Up to 50m	Up to 30m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported	Not supported
Power Supply	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. 6.5W,PoE:IEEE 802.3af,Max. 7W	PoE:IEEE 802.3af,Max. 7W	PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP6	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66
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)
Material	Plastic	Metal+plastic	Plastic	Metal+plastic	Metal+plastic

SK

Model	SK TC-C32KS Spec:I3/E/Y/C/SD/2.8mm/V4.2	SK TC-C34QS Spec:I5/E/Y/C/SD/2.8mm/V4.2 TC-C34GS Spec:I5/E/Y/C/SD/4mm/V4.2	SK TC-C34HS Spec:I3/E/Y/C/SD/2.8mm/V4.2	SK TC-C34KS Spec:I3/E/Y/C/SD/2.8mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	2MP,1920×1080@30fps	4MP,2688×1520@25fps	4MP,2688×1520@25fps	4MP,2688×1520@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
Focal Length	2.8mm	2.8mm/4mm	2.8mm	2.8mm
WDR	120dB	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 Distance	Up to 30m	Up to 50m	Up to 30m	Up to 30m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported
Power Supply	PoE:IEEE 802.3af,Max. 6W	PoE:IEEE 802.3af,Max. 7W	PoE:IEEE 802.3af,Max. 7W	PoE:IEEE 802.3af,Max. 6W
Protection	Surge4000V,ESD6000V,IP66,IK10	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66,IK10
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)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic

SK

Model	SK TC-C32QN Spec:I5W/E/Y/2.8mm/V4.2 TC-C32QN Spec:I5W/E/Y/4mm/V4.2	SK TC-C32XN Spec:I5W/E/Y/2.8mm/V4.2	SK TC-C34QN Spec:I5W/E/Y/2.8mm/V4.2 TC-C34QN Spec:I5W/E/Y/4mm/V4.2	SK TC-C34XN Spec:I3W/E/Y/2.8mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.9"CMOS	1/2.9"CMOS
Max. Resolution	2MP,1920×1080@30fps	2MP,1920×1080@30fps	4MP,2688×1520@25fps	4MP,2688×1520@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
Focal Length	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
WDR	DWDR	DWDR	120dB	120dB
On-board storage	Not supported	Not supported	Not supported	Not supported
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. 7W	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. 6.5W,PoE:IEEE 802.3af,Max. 7W
Protection	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)
Material	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	LK TC-C32WN 3ERA-28 TC-C32WN 3ERA-4	LK TC-C32XN 3ERA-28	LK TC-C32KN 3ERA-28	LK TC-C32WS 3ERA-28 TC-C32WS 3ERA-4
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"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:0.002Lux@(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	Not supported	Not supported	Not supported	Not supported
Alarm I/O	Not supported	Not supported	Not supported	Not supported
Face Capture	Not supported	Not supported	Not supported	Not supported
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter
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 Distance	Up to 50m	Up to 30m	Up to 30m	Up to 50m
Whitelight Distance	15m	15m	15m	15m
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. 6.5W,PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67,IK10	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)	-35°C~65°C(-31°F~149°F)
Material	Metal+plastic	Metal+plastic	Metal+plastic	Metal+plastic

Model	LK TC-C32XS 3ERA-28	LK TC-C32KS 3ERA-28	LK TC-C32WS 3LRA-28 TC-C32WS 3LRA-4	LK TC-C32XS 3LRA-28	LK TC-C35WS 3ERA-28 TC-C35WS 3ERA-4
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	5MP,3072×1728@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/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
Face Capture	Not supported	Not supported	Not supported	Not supported	Not supported
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	TripwirePerimeter,Motion Detection
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 Distance	Up to 30m	Up to 30m	Up to 50m	Up to 30m	Up to 50m
Whitelight Distance	15m	15m	15m	15m	15m
Power Supply	DC12V±25%,Max. 4W,PoE:IEEE 802.3af,Max. 5W	DC12V±25%,Max. 6.5W,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. 7W,PoE:IEEE 802.3af,Max. 7.5W
Protection	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67,IK10	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)	-35°C~65°C(-31°F~149°F)	-35°C~65°C(-31°F~149°F)
Material	Metal+plastic	Metal+plastic	Metal	Metal	Metal+plastic

Model	LK TC-C35XS 3ERA-28	LK TC-C35KS 3ERA-28	LK TC-C35WS 3LRA-28 TC-C35WS 3LRA-4	LK TC-C35XS 3LRA-28	LK TC-C35WP 3FRA-28 TC-C35WP 3FRA-4
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP,3072×1728@20fps	5MP,3072×1728@20fps	5MP,3072×1728@20fps	5MP,3072×1728@20fps	5MP,3072×1728@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:0.0004Lux@(F1.0,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm	2.8mm/4mm	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
Face Capture	Not supported	Not supported	Not supported	Not supported	Not supported
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter
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 Distance	Up to 30m	Up to 30m	Up to 50m	Up to 30m	Not supported
Whitelight Distance	15m	10m	15m	15m	15m
Power Supply	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. 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,IK10	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)	-35°C~65°C(-31°F~149°F)	-35°C~65°C(-31°F~149°F)
Material	Metal+plastic	Metal+plastic	Metal	Metal	Metal+plastic

Model	LK TC-C35XP 3FRA-28	LK TC-C34UV Spec:W/E/Y/M/S/4mm	LK TC-C38WS 3LRA-28 TC-C38WS 3LRA-4	LK TC-C38XS 3LRA-28	LK TC-C38KS 3ERA-28
Image Sensor	1/2.7"CMOS	1/1.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	5MP,3072×1728@30fps	4MP,2688×1520@25fps	8MP,3840×2160@20fps	8MP,3840×2160@20fps	8MP,3840×2160@20fps
Min. Illumination	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	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	4mm	2.8mm/4mm	2.8mm	2.8mm
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
Face Capture	Not supported	Not supported	Not supported	Not supported	Not supported
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter
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 Distance	Not supported	Not supported	Up to 50m	Up to 30m	Not supported
Whitelight Distance	15m	15m	15m	15m	10m
Power Supply	DC12V±25%,Max. 6W,PoE:IEEE 802.3af,Max. 7W	DC12V±25%,Max. 8W,PoE:IEEE 802.3af,Max. 9W	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. 6W,PoE:IEEE 802.3af,Max. 7.5W
Protection	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67,IK10
Operating Temperature	-35°C~65°C(-31°F~149°F)	-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)
Material	Metal+plastic	Metal	Metal	Metal	Metal+plastic

Model	LK TC-C35US 3LRA-28 TC-C35US 3LRA-4	LK TC-C32US 3LHA-27135	LK TC-C32MS 3LHA-27135	LK TC-C35US 3LHA-27135	LK TC-C35MS 3LHA-27135
Image Sensor	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP,3072×1728@20fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	5MP,3072×1728@20fps	5MP,3072×1728@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	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	Not suppovvrted	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	Not supported	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC
Face Capture	Not supported	Not supported	Not supported	Not supported	Not supported
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter
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 Distance	Up to 80m	Up to 80m	Up to 30m	Up to 80m	Up to 30m
Whitelight Distance	15m	15m	10m	15m	10m
Power Supply	DC12V±25%,Max. 8W,PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 8W,PoE:IEEE 802.3af,Max. 9W	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,IP67	Surge4000V,ESD6000V,IP67,IK10	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67,IK10
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	Metal	Metal

Model	LK TC-C38US 3LRA-28 TC-C38US 3LRA-4	LK TC-C38US 3LHA-27135	LK TC-C38MS 3LHA-27135	LK TC-C35VN Spec:I5/E/Y/M/H/2.8mm/V4.2	LK TC-C32PS Spec:I3/E/Y/M/H/2.8mm/V4.2 TC-C32PS Spec:I3/E/Y/M/H/4mm/V4.2
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.8"CMOS
Max. Resolution	8MP,3840×2160@20fps	8MP,3840×2160@20fps	8MP,3840×2160@20fps	5MP,2592×1944@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:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm/4mm	2.7-13.5mm	2.7-13.5mm	1.4mm	2.8mm/4mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	Not suppovvrted	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	Not supported	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC
Face Capture	Not supported	Not supported	Not supported	Not supported	Face Capture
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Human/Vehicle Classification,Tripwire,Perimeter	Tripwire,Double Tripwire,Perimeter,Heatmap	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal
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 Distance	Up to 80m	Up to 80m	Up to 50m	Up to 30m	Up to 30m
Whitelight Distance	15m	15m	15m	Not supported	Not supported
Power Supply	DC12V±25%,Max. 8W,PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 8W,PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 8W,PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 8.5W,PoE:IEEE 802.3af,Max. 9.5W	DC12V±25%,Max. 6.5W,PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67,IK10	Surge4000V,ESD6000V	Surge4000V,ESD6000V,IP66,IK08
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	Metal	Metal+plastic	Metal

Model	LK TC-C35PS Spec:I3/E/Y/M/H/2.8mm/V4.2 TC-C35PS Spec:I3/E/Y/M/H/4mm/V4.2	LK TC-C382V Spec:W/E/Y/S/H/2.8mm	LK TC-C32WS Spec:I5/E/Y/M/S/H/2.8mm/V4.0 TC-C32WS Spec:I5/E/Y/M/S/H/4mm/V4.0	LK TC-C32XS Spec:I3/E/Y/M/S/H/2.8mm/V4.0	LK TC-C35WS Spec:I5/E/Y/M/S/H/2.8mm/V4.0 TC-C35WS Spec:I5/E/Y/M/S/H/4mm/V4.0
Image Sensor	1/2.7"CMOS	Dual 1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS
Max. Resolution	5MP,2880×1620@30fps	8MP,4640×1728@25fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	5MP,2880×1620@30fps
Min. Illumination	Color:0.002Lux@(F1.6,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	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	2.8mm/4mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC	1×input,TTL,3mA,3.3VDC,1×output,TTL,30mA,12VDC
Face Capture	Face Capture	Not supported	Face Capture	Face Capture	Face Capture
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal
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 Distance	Up to 30m	Not supported	Up to 50m	Up to 30m	Up to 50m
Whitelight Distance	Not supported	15m	Not supported	Not supported	Not supported
Power Supply	DC12V±25%,Max. 6.5W,PoE:IEEE 802.3af,Max. 8W	DC12V±25%,Max. 9W,PoE:IEEE 802.3at,Max. 9.5W	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
Protection	Surge4000V,ESD6000V,IP66,IK08	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	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	Metal

LK

Model	LK TC-C35XS Spec:I5/E/Y/M/S/H/2.8mm/V4.0	LK TC-C35KS Spec:I5/E/Y/M/S/H/2.8mm/V4.0	LK TC-C32US Spec:I8/A/E/Y/M/S/H/2.7-13.5mm/V4.0	LK TC-C32SS Spec:I5/A/E/Y/M/S/H/2.7-13.5mm/V4.0	LK TC-C32MS Spec:I5/A/E/Y/M/S/H/2.7-13.5mm/V4.0
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	5MP,2880×1620@30fps	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	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC
Face Capture	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal
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 Distance	Up to 30m	Up to 30m	Up to 80m	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. 8W	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	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	Metal	Metal	Metal

LK

Model	LK TC-C35US Spec:I8/A/E/Y/M/S/H/2.7-13.5mm/V4.0	LK TC-C35SS Spec:I5/A/E/Y/M/S/H/2.7-13.5mm/V4.0	LK TC-C35MS Spec:I5/A/E/Y/M/S/H/2.7-13.5mm/V4.0	LK TC-C32LS Spec:I10/E/Y/M/5-50mm/V4.2	LK TC-C35WQ Spec:I5W/E/Y/2.8mm/V4.2 TC-C35WQ Spec:I5W/E/Y/4mm/V4.2
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.7"CMOS
Max. Resolution	5MP,2880×1620@30fps	5MP,2880×1620@30fps	5MP,2880×1620@30fps	2MP,1920×1080@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	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	2.8mm/4mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	2×input,TTL_3mA,3.3VDC,1×output,relay,1A,24VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC
Face Capture	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Video Analytics	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking,People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Perimeter Video Abnormal,Audio Abnormal
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 Distance	Up to 80m	Up to 30m	Up to 30m	Up to 100m	Up to 50m
Whitelight Distance	Not supported	Not supported	Not supported	Not supported	15m
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	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	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+plastic	Metal

Model	LK	LK	LK	LK	LK
	TC-C35XQ Spec:I3W/E/Y/2.8mm/V4.2	TC-C38WQ Spec:I5W/E/Y/2.8mm/V4.2 TC-C38WQ Spec:I5W/E/Y/4mm/V4.2	TC-C38XQ Spec:I5W/E/Y/2.8mm/V4.2	TC-C35WS Spec:I5/E/Y/M/H/2.8mm/V4.1 TC-C35WS Spec:I5/E/Y/M/H/4mm/V4.1	TC-C35XS Spec:I5/E/Y/M/H/2.8mm/V4.1
Image Sensor	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP,2880×1620@30fps	8MP,3840×2160@20fps	8MP,3840×2160@20fps	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	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm/4mm	2.8mm	2.8mm/4mm	2.8mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC
Face Capture	Face Capture	Not supported	Not supported	Face Capture	Face Capture
Video Analytics	Human/Vehicle Classification,Tripwire Perimeter,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire Perimeter,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire Perimeter,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Object Abandon,Object Missing,Heatmap,Loitering,Running Parking/People Counting,Crowed Detection,Safety Helmet Detection On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Object Abandon,Object Missing,Heatmap,Loitering,Running Parking/People Counting,Crowed Detection,Safety Helmet Detection On Duty Detection,Video Abnormal,Audio Abnormal
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 Distance	Up to 30m	Up to 50m	Up to 30m	Up to 50m	Up to 30m
Whitelight Distance	15m	15m	15m	Not supported	Not supported
Power Supply	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	DC12V±25%,Max. 6W,PoE:IEEE 802.3af,Max. 7.5W	DC12V±25%,Max. 7W,PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V,ESD6000V,IP66	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)	-40°C~65°C(-40°F~149°F)
Material	Metal	Metal	Metal	Metal	Metal

Model	LK	LK	LK	LK	LK
	TC-C35KS Spec:I3/E/Y/M/H/2.8mm/V4.1	TC-C58WS Spec:I5/E/Y/M/H/2.8mm/V4.0 TC-C58WS Spec:I5/E/Y/M/H/4mm/V4.0	TC-C38XS Spec:I5/E/Y/M/H/2.8mm/V4.0	TC-C32TS Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.1	TC-C32MS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.1
Image Sensor	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	5MP,2880×1620@30fps	8MP,3840×2160@30fps	8MP,3840×2160@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	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Focal Length	2.8mm	2.8mm/4mm	2.8mm	2.7-13.5mm	2.7-13.5mm
WDR	120dB	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	1×input,TTL_3mA,3.3VDC,1×output,TTL_30mA,12VDC	2×input,TTL_3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL_3mA,3.3VDC,1×output,relay,1A,24VDC
Face Capture	Face Capture	Not supported	Not supported	Face Capture	Face Capture
Video Analytics	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Object Abandon,Object Missing,Heatmap,Loitering,Running Parking/People Counting,Crowed Detection,Safety Helmet Detection On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Object Abandon,Object Missing,Heatmap,Loitering,Running Parking/People Counting,Crowed Detection,Safety Helmet Detection On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Object Abandon,Object Missing,Heatmap,Loitering,Running Parking/People Counting,Crowed Detection,Safety Helmet Detection On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Object Abandon,Object Missing,Heatmap,Loitering,Running Parking/People Counting,Crowed Detection,Safety Helmet Detection On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Object Abandon,Object Missing,Heatmap,Loitering,Running Parking/People Counting,Crowed Detection,Safety Helmet Detection On Duty Detection,Video Abnormal,Audio Abnormal
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 Distance	Up to 30m	Up to 50m	Up to 30m	Up to 80m	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. 7.5W	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. 9W,PoE:IEEE 802.3af,Max. 10W	DC12V±25%,Max. 7W,PoE:IEEE 802.3af,Max. 8W
Protection	Surge4000V,ESD6000V,IP66,IK10	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP67	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	Metal	Metal	Metal

Model	LK TC-C35TS Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.1	LK TC-C35MS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.1	LK TC-C32TP Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.1	LK TC-C38TS Spec:I8/A/E/Y/M/H/2.7-13.5mm/V4.0
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.8"CMOS	1/2.8"CMOS
Max. Resolution	5MP,2880×1620@30fps	5MP,2880×1620@30fps	2MP,1920×1080@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:0.0004Lux@(F1.3,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
WDR	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC
Face Capture	Face Capture	Face Capture	Face Capture	Not supported
Video Analytics	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal
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 Distance	Up to 80m	Up to 50m	Up to 80m	Up to 80m
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. 8W,PoE:IEEE 802.3af,Max. 9W	DC12V±25%,Max. 9W,PoE:IEEE 802.3af,Max. 10W	DC12V±25%,Max. 9.5W,PoE:IEEE 802.3af,Max. 10.5W
Protection	Surge4000V,ESD6000V,IP67	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)
Material	Metal	Metal	Metal	Metal

Model	LK TC-C38SS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.0	LK TC-C38MS Spec:I5/A/E/Y/M/H/2.7-13.5mm/V4.0	LK TC-C35LP Spec:I8W/A/E/Y/M/H/2.7-13.5mm/V4.0	LK TC-C35MP Spec:I5W/A/E/Y/M/H/2.7-13.5mm/V4.0
Image Sensor	1/2.8"CMOS	1/2.8"CMOS	1/1.8"CMOS	1/1.8"CMOS
Max. Resolution	8MP,3840×2160@30fps	8MP,3840×2160@30fps	5MP,3072×1728@30fps	5MP,3072×1728@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:0.0004Lux@(F1.3,AGC ON),B/W:0Lux with IR	Color:0.0004Lux@(F1.3,AGC ON),B/W:0Lux with IR
Focal Length	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm	2.7-13.5mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC
Face Capture	Not supported	Not supported	Face Capture	Face Capture
Video Analytics	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing,Heatmap,Loitering,Running, Parking/People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal
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 Distance	Up to 30m	Up to 50m	Up to 80m	Up to 50m
Whitelight Distance	Not supported	Not supported	15m	15m
Power Supply	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	DC12V±25%,Max. 8W,PoE:IEEE 802.3af,Max. 9W
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66,IK10	Surge4000V,ESD6000V,IP67	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+plastic	Metal

Model	LK TC-C34LQ Spec:LK/I3W/A/E/Y/M/S/H/LPR/2.8-12mm	LK TC-C34LQ Spec:LK/I5W/A/E/Y/M/S/H/LPR/8-32mm	LK TC-C35LQ Spec:I5W/E/Y/T/4mm/V4.2	LK TC-C35LQ Spec:I5W/E/Y/T/6mm/V4.2
Image Sensor	1/1.8"CMOS	1/1.8"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	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
Focal Length	2.8~12mm	8~32mm	Thermal:3mm;Optical:4mm	Thermal:7mm;Optical:6mm
WDR	120dB	120dB	120dB	120dB
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium, 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC	2×input,TTL,3mA,3.3VDC,1×output,relay,1A,24VDC
Face Capture	Not supported	Not supported	Not supported	Not supported
Video Analytics	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing/Heatmap,Loitering,Running, Parking,People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter, Object Abandon,Object Missing/Heatmap,Loitering,Running, Parking,People Counting,Crowed Detection,Safety Helmet Detection, On Duty Detection,Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Video Abnormal,Audio Abnormal	Human/Vehicle Classification,Tripwire,Double Tripwire,Perimeter Video Abnormal,Audio Abnormal
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 Distance	Up to 30m	Up to 60m	Up to 50m	Up to 50m
Whitelight Distance	40m	60m	15m	15m
Power Supply	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,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)	-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

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 traditonal wired cameras.

Model					
	TC-H322A Spec:I2W/WIFI/Eu/4mm	TC-H332A Spec:I2W/WIFI/Eu/4mm TC-H342A Spec:I2W/WIFI/Eu/4mm	TC-H322N 9DA-4 TC-H332N 9DA-4	TC-H342N 9DA-4	TC-C32CN Spec:I5W/U/WIFI/2.8mm/V4.0
Image Sensor	1/3"CMOS	1/3"CMOS 1/2.8"CMOS	1/3"CMOS	1/2.8"CMOS	1/2.9"CMOS
Max. Resolution	2MP,1920×1080@20fps	3MP,2304×1296@20fps 4MP,2560×1440@20fps	2MP,1920×1080@30fps 3MP,2304×1296@20fps	4MP,2560×1440@20fps	2MP,1920×1080@25fps
Min. Illumination	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR	Color:0.05Lux@(F2.0,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
Focal Length	4mm	4mm	4mm	4mm	2.8mm
WDR	DWDR	DWDR	DWDR	DWDR	120dB
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 256GB	Support microSD/microSDHC/microSDXC card,up to 256GB	Support microSD/microSDHC/microSDXC card,up to 256GB
IR Distance	Up to 15m	Up to 15m	Up to 15m	Up to 15m	Up to 30m
Whitelight Distance	8m	8m	10m	10m	15m
Auto-Tracking	Yes	Yes	Yes	Yes	Not supported
Power Supply	DC5V±5%,Max. 7W	DC5V±5%,Max. 7W	DC5V±5% USB type-C,Max.5W	DC5V±5% USB type-C,Max.7.5W	DC5V±25%,Max. 10W
Protection	Surge500V,ESD6000V	Surge500V,ESD6000V	Surge500V,ESD6000V	Surge500V,ESD6000V	Surge500V,ESD6000V,IP65
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-50°C(14°F-122°F)
MateaMaterialrial	Plastic	Plastic	Plastic	Plastic	Plastic

Model					
	TC-C32QN Spec:I5W/WIFI/Eu/2.8mm/V4.0 TC-C32QN Spec:I5W/WIFI/Eu/4mm/V4.0	TC-C34QN Spec:I5W/WIFI/Eu/2.8mm/V4.0 TC-C34QN Spec:I5W/WIFI/Eu/4mm/V4.0	TC-H333K Spec:AK/I5W/WIFI/Eu/4mm	TC-H333N Spec:I5W/C/WIFI/Eu/4mm/V4.2 TC-H353N Spec:I5W/C/WIFI/Eu/4mm/V4.2	TC-H334S Spec:I5W/C/WIFI/Eu/4mm/V4.1
Image Sensor	1/2.9"CMOS	1/2.8"CMOS	1/2.8"CMOS	1/2.9"CMOS 1/2.7"CMOS	1/2.8"CMOS
Max. Resolution	2MP,1920×1080@20fps	4MP,2560×1440@20fps	3MP,2304×1296@20fps	3MP,2304×1296@20fps 5MP,2880×1620@20fps	3MP,2304×1296@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	2.8mm	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 256GB	Support microSD/microSDHC/microSDXC card,up to 512GB	Support microSD/microSDHC/microSDXC card,up to 512GB
IR Distance	Up to 50m	Up to 50m	Up to 50m	Up to 50m	Up to 50m
Whitelight Distance	15m	15m	15m	15m	15m
Auto-Tracking	Not supported	Not supported	Not supported	Auto-Tracking	Not supported
Power Supply	DC12V±25%,Max. 7.5W	DC12V±25%,Max. 7.5W	DC12V±25%,Max. 12W	DC12V±25%,Max. 12W	DC12V±25%,Max. 12W
Protection	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP67	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66
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)
MateaMaterialrial	Metal+plastic	Metal+plastic	Plastic	Plastic	Metal+plastic

Model	TC-H563N Spec:ISW/WIFI/Eu/4mm/V4.0	TC-H333K 9DA-4	TC-H343K 9DA-4	TC-H363N 9DA-4	TC-H363U 9DA-4
Image Sensor	1/3"CMOS	1/3"CMOS	1/3"CMOS	Panorama: 1/2.9""CMOS Detail: 1/2.9""CMOS	Panorama: 1/2.9""CMOS Detail: 1/2.9""CMOS
Max. Resolution	Panorama:3MP,2304×1296@15fps Detail:3MP,2304×1296@15fps	3MP,2304×1296@20fps	4MP,2560×1440@20fps	Panorama:3MP,2304×1296@20fps Detail:3MP,2304×1296@20fps	Panorama:3MP,2304×1296@20fps Detail:3MP,2304×1296@20fps
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:0.0004Lux@(F1.0,AGC ON),B/W:0Lux with IR
Focal Length	4mm	4mm	4mm	Panorama: 4mm Detail: 4mm	Panorama: 4mm Detail: 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 256GB	Support microSD/microSDHC/microSDXC card,up to 256GB	Support microSD/microSDHC/microSDXC card,up to 256GB	Support microSD/microSDHC/microSDXC card,up to 256GB
IR Distance	Up to 50m	Up to 30m	Up to 30m	Up to 30m	Up to 30m
Whitelight Distance	15m	15m	15m	20m	20m
Auto-Tracking	Not supported	Auto-Tracking	Auto-Tracking	Auto-Tracking	Auto-Tracking
Power Supply	DC12V±25%,Max. 13W	DC5V±25%,Max. 10W	DC5V±25%,Max. 10W	DC5V±25%,Max. 10W	DC5V±25%,Max. 10W
Protection	Surge4000V,ESD6000V,IP66	Surge500V,ESD6000V,IP65	Surge500V,ESD6000V,IP65	Surge500V,ESD6000V,IP65	Surge500V,ESD6000V,IP65
Operating Temperature	-30°C~60°C(-22°F~140°F)	-10°C~50°C(14°F~122°F) (Charge:-5°C~50°C)	-20°C~50°C(14°F~122°F) (Charge:-20°C~50°C)	-20°C~50°C(14°F~122°F) (Charge:-20°C~50°C)	-20°C~50°C(14°F~122°F) (Charge:-20°C~50°C)
MateaMaterialrial	Plastic	Plastic	Plastic	Plastic	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/A/V/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	1/2.7"CMOS
Max. Resolution	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	2MP,1920×1080@30fps	5MP,2880×1620@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@ (F1.6,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	4.6mm~152mm	4.7mm~141mm
Optical Zoom	23X	23X	25X	33X	30X
Digital Zoom	Not supported	Not supported	16X	16X	16X
Auto-Tracking	Not supported	Not supported	Yes	Yes	Yes
Audio I/O	Not supported	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	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	Not supported	1*Switching,1*Switching,Voltage≤DC24V,Current≤1A	1*Switching,1*Switching,Voltage≤DC24V,Current≤1A	1*Switching,1*Switching,Voltage≤DC24V,Current≤1A	8*Switching,2*Switching,Voltage≤DC24V,Current≤1A
Power Supply	DC12V±10%	DC12V±10%	DC12V±10%	DC12V±10%	AC24V±25%\DC24V±10%
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66

Model	LK TC-H356Q Spec:30X/IW/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
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/1.8"CMOS	1/1.8"CMOS
Max. Resolution	5MP,2880×1620@30fps	5MP,2880×1620@30fps	4MP,2560×1440@30fps	8MP,3840×2160@30fps	4MP,2560×1440@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
Focal Length	4.7mm~141mm	5mm~115mm	4.8mm~120mm	5.7mm ~ 250mm	5.7mm ~ 359mm
Optical Zoom	30X	23X	25X	44X	63X
Digital Zoom	16X	16X	16X	16X	16X
Auto-Tracking	Yes	Not supported	Yes	Yes	Yes
Audio I/O	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	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	1*Input Impedance 1kΩ,2.0~2.4Vp-p 1*Output Impedance 600Ω
Alarm I/O	8*Switching,2*Switching,Voltage≤DC24V,Current≤1A	1*Switching,1*Switching,Voltage≤DC24V,Current≤1A	1*Switching,1*Switching,Voltage≤DC24V,Current≤1A	8*Switching,2*Switching,Voltage≤DC24V,Current≤1A	8*Switching,2*Switching,Voltage≤DC24V,Current≤1A
Power Supply	AC24V±25%\DC24V±10%	DC12V±10%	DC12V±10%	DC36V±25%	DC36V±25%
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66

Model	LK TC-H3169M Spec:6.5X/LW/P/A/AR	LK TC-H356V Spec:44X/IW/E/A	LK TC-A35555 Spec:0/A/2.8-12mm/9-54mm/V2.0	LK TC-H366V Spec:4MP/25X/IW/E/A/2.8mm
Image Sensor	Panorama:1/1.8""CMOS Detail:1/1.8""CMOS	1/1.8"CMOS	Panorama:1/1.8""CMOS Detail:1/1.8""CMOS"	Panorama:1/1.8""CMOS Detail:1/2.7""CMOS
Max. Resolution	Panorama:5520×2400@30fps Detail:2560×1440@30fps	5MP,3072×1728@30fps	Panorama:3072×1728@20fps Detail:3072×1728@20fps	Panorama:3840×1568@30fps Detail:2560×1440@30fps
Min. Illumination	Panorama:0.0004lux Detail:0.001lux	Color:0.0001lux@ (F1.6,AGC ON) B/W:0lux with IR	Panorama:0.0008lux Detail:0.005lux	Panorama:0.0001lux Detail:0.001Lux
Focal Length	Panorama:2.8mm Detail:5.7mm ~ 359mm	6mm ~ 264mm	Panorama:2.8mm ~ 12mm Detail:9mm ~ 54mm	Panorama:3.3mm Detail:4.8mm ~ 120mm
Optical Zoom	Panorama:Not supported Detail:6.5X	44X	Panorama:4X Detail:6X	Panorama:Not supported Detail:25X
Digital Zoom	Panorama:Not supported Detail:16X	16X	Panorama:Not supported Detail:16X	Panorama:Not supported Detail:16X
Auto-Tracking	Yes	Yes	Yes	Yes
Audio I/O	1*Input Impedance 1kΩ,2.0~2.4Vp-p 1*Output Impedance 600Ω	1×input, two-core , max. input amplitude:3.3 Vpp input impedance:1 KΩ, interface type:non-equilibrium 1×output, two-core, max. output amplitude:3.3 Vpp output impedance:100 Ω, interface type: non-equilibrium	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*Switching,2*Switching,Voltage<DC24V,Current<1A	8×input,TTL,3mA,3.3VDC,2×relay output,1A,24VDC	3*Switching,2*Switching,Voltage<DC24V,Current<1A	2*Switching,1*Switching,Voltage<DC24V,Current<1A
Power Supply	DC36V±25%	AC24V±25%\DC24V±10%	AC24V±25%\DC24V±10%	AC24V±25%\DC24V±10%
Protection	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66	Surge4000V,ESD6000V,IP66

NVR

From entry level choice to high end project models, Tiandy NVR products also provide different funtions, 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 abnundant choices in all kinds of application scenarios.

Model	AK PSE TC-R3104 Spec:I/B/P4/C/Eu/L/S/V2.0	AK PSE TC-R3108 Spec:I/B/P8/C/Eu/L/S/V2.0	SK PSE TC-R3105 Spec:I/B/P4/Eu/L/S/V2.0	SK PSE TC-R3110 Spec:I/B/P8/Eu/L/S/V2.0	SK PSE TC-R3105 Spec:I/B/L/V1.1
Access Channel	4	8	5	10	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)×4, 4CIF(30fps)×4	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×8	8MP(30fps)×1, 6MP(30fps)×1 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2 1080P(30fps)×4, 720P(30fps)×5, 4CIF(30fps)×5	8MP(30fps)×1, 6MP(30fps)×1 5MP(30fps)×1,4MP(30fps)×2, 3MP(30fps)×2 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10	8MP(30fps)×1, 6MP(30fps)×2 5MP(30fps)×2, 4MP(30fps)×3 3MP(30fps)×4, 1080P(30fps)×5 720P(30fps)×5, 4CIF(30fps)×5
Audio Output	N/A	N/A	N/A	N/A	N/A
HDMI	1×HDMI	1×HDMI	1×HDMI	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 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	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	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	N/A
RS232	N/A	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A	N/A
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm I/O	N/A	N/A	N/A	N/A	N/A
Power Supply	DC48V	DC48V	DC48V	DC48V	DC12V
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	SK PSE TC-R3105 Spec:I/B/L/Eu/V1.1	SK Cube TC-R3110 Spec:I/B/L/V1.1	SK Cube TC-R3110 Spec:I/B/L/Eu/V1.1	SK Normal TC-R3105 Spec:I/B/V3.0
Access Channel	5	10	10	5
Incoming Bandwidth	60Mbps	60Mbps	60Mbps	60Mbps
Outgoing Bandwidth	40Mbps	40Mbps	40Mbps	40Mbps
Preview Decoding Capability	8MP(30fps)×1, 6MP(30fps)×2 5MP(30fps)×2, 4MP(30fps)×3 3MP(30fps)×4, 1080P(30fps)×5 720P(30fps)×5, 4CIF(30fps)×5	8MP(30fps)×1, 6MP(30fps)×2 5MP(30fps)×2, 4MP(30fps)×3 3MP(30fps)×4, 1080P(30fps)×6 720P(30fps)×10, 4CIF(30fps)×10	8MP(30fps)×1, 6MP(30fps)×2 5MP(30fps)×2, 4MP(30fps)×3 3MP(30fps)×4, 1080P(30fps)×6 720P(30fps)×10, 4CIF(30fps)×10	8MP(30fps)×1, 6MP(30fps)×2 5MP(30fps)×2, 4MP(30fps)×3 3MP(30fps)×4, 1080P(30fps)×5 720P(30fps)×5, 4CIF(30fps)×5
Audio Output	N/A	N/A	N/A	1-ch,RCA
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)
VGA	1×VGA	1×VGA	1×VGA	1×VGA
HDD Capacity	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 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
PoE Interface	N/A	N/A	N/A	N/A
RS232	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm I/O	N/A	N/A	N/A	N/A
Power Supply	DC12V	DC12V	DC12V	DC12V
Boundary Dimensions	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	200(L)200(W)43(H)mm	255(L)231(W)45(H)mm

Model	SK Normal TC-R3110 Spec:I/B/V3.0	SK Normal TC-R3120 2MC	SK PSE TC-R3105 Spec:I/B/P/V3.0	SK PSE TC-R3110 Spec:I/B/P8/V3.0
Access Channel	10	20	5	10
Incoming Bandwidth	60Mbps	100Mbps	60Mbps	80Mbps
Outgoing Bandwidth	40Mbps	80Mbps	40Mbps	80Mbps
Preview Decoding Capability	8MP(30fps)×1, 6MP(30fps)×2 5MP(30fps)×2, 4MP(30fps)×3 3MP(30fps)×4, 1080P(30fps)×6 720P(30fps)×10, 4CIF(30fps)×10	8MP(30fps)×2, 6MP(30fps)×2 5MP(30fps)×3, 4MP(30fps)×4 3MP(30fps)×5, 1080P(30fps)×8 720P(30fps)×16, 4CIF(30fps)×20	8MP(30fps)×1, 6MP(30fps)×2 5MP(30fps)×2, 4MP(30fps)×3 3MP(30fps)×4, 1080P(30fps)×5 720P(30fps)×5, 4CIF(30fps)×5	6MP(30fps)×1, 5MP(30fps)× 4MP(30fps)×2, 3MP(30fps)×2 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10
Audio Output	1-ch,RCA	1-ch, 3.5mm	1-ch,RCA	1-ch,RCA
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
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
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
PoE Interface	N/A	N/A	4×RJ45, 10/100 Mbps self-adaptive Ethernet port	8×RJ45, 10/100 Mbps self-adaptive Ethernet port
RS232	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm I/O	N/A	N/A	1-ch, relay output, 1A, 24VDC	1-ch, relay output, 1A, 24VDC
Power Supply	DC12V	DC12V	DC48V	DC48V
Boundary Dimensions	255(L)231(W)45(H)mm	250(L)229(W)45(H)mm	255(L)231(W)45(H)mm	255(L)231(W)45(H)mm

Model	LK TC-R3240 Spec:I/B/N/H/V4.1	LK PSE TC-R3440 Spec:I/B/P16/H/V4.1	LK TC-R3440 Spec:I/B/N/H/C/V4.1	LK TC-R3440 Spec:I/B/N/V4.1	LK TC-R3840 Spec:I/B/N/V4.0
Access Channel	40	40	40	40	40
Incoming Bandwidth	400Mbps	400Mbps	400Mbps	400Mbps	640Mbps
Outgoing Bandwidth	400Mbps	400Mbps	400Mbps	400Mbps	320Mbps
Preview Decoding Capability	16MP(30fps)×2, 12MP(30fps)×3 8MP(30fps)×5, 6MP(30fps)×6 5MP(30fps)×8, 4MP(30fps)×10 3MP(30fps)×13, 1080P(30fps)×20 720P(30fps)×40, 4CIF(30fps)×40	16MP(30fps)×2, 12MP(30fps)×3 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20 720P(30fps)×40, 4CIF(30fps)×40	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10 3MP(30fps)×13, 1080P(30fps)×20 720P(30fps)×40, 4CIF(30fps)×40	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10 3MP(30fps)×13, 1080P(30fps)×20 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)×40, 4CIF(30fps)×40
Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	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	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	N/A	16×RJ45, 10/100 Mbps self-adaptive Ethernet port	N/A	N/A	N/A
RS232	1×RS-232	N/A	N/A	1×RS-232	1×RS-232
RS485	1×RS-485	1×RS-485	N/A	1×RS-485	2×RS-485
USB	1×USB2.0, 1×USB3.0	2×USB2.0, 1×USB3.0	1×USB2.0, 1×USB3.0	1×USB2.0, 1×USB3.0	2×USB2.0,1×USB3.0
Alarm I/O	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	N/A, N/A	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC
Power Supply	DC12V	100-240V AC	DC12V	DC12V	100-240V AC
Boundary Dimensions	440(L)284(W)48(H)mm	440(L)351(W)75(H)mm	440(L)351(W)75(H)mm	440(L)351(W)75(H)mm	440(L)460(W)94(H)mm

Model	LK TC-R3880 Spec:I/B/N/V4.0	LK Hot-swap TC-R31640 Spec:E/B/N/V4.3	LK Hot-swap TC-R31680 Spec:E/B/R/N/V4.3	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	80	40	80	160	160
Incoming Bandwidth	640Mbps	640Mbps	640Mbps	800Mbps	800Mbps
Outgoing Bandwidth	320Mbps	320Mbps	320Mbps	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)×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	N/A	N/A	N/A	N/A	N/A
RS232	1×RS-232	1×RS232	1×RS232	1×RS232	1×RS232
RS485	2×RS-485	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 I/O	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,8-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,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)460(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

Model	LK PSE TC-R3105 44HA	LK PSE TC-R3110 48HA	LK PSE TC-R3210 48HA	LK PSE TC-R3220 416HA	LK II TC-R3110 4HA
Access Channel	5	10	10	20	10
Incoming Bandwidth	100Mbps	100Mbps	160Mbps(AI on: 120Mbps)	160Mbps(AI on: 120Mbps)	100Mbps
Outgoing Bandwidth	80Mbps	80Mbps	80Mbps	80Mbps	80Mbps
Preview Decoding Capability	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×5 1080P(30fps)×5, 720P(30fps)×5, 4CIF(30fps)×5 (AI on: 16MP(30fps)×1,8MP(30fps)×2 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4 3MP(30fps)×5, 1080P(30fps)×5 720P(30fps)×5, 4CIF(30fps)×5)	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×10, 4CIF(30fps)×10 (AI on: 16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10)	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×10, 4CIF(30fps)×10 (AI on: 16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10)	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×20, 4CIF(30fps)×20 (AI on: 16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×16, 4CIF(30fps)×20)	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×10, 4CIF(30fps)×10 (AI on: 16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10)
Intelligent Analytics (AI by NVR)	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection
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, 10/100/1000 Mbps self-adaptive Ethernet port	1×RJ-45, 10/100/1000 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	8×RJ45, 10/100 Mbps self-adaptive Ethernet port	16×RJ45, 10/100 Mbps self-adaptive Ethernet port	N/A
RS232	N/A	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A	N/A
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0
Alarm I/O	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC
Power Supply	DC48V	DC48V	100-240V AC	100-240V AC	DC12V
Boundary Dimensions	255(L)238(W)45(H)mm	255(L)238(W)45(H)mm	440(L)284(W)48(H)mm	440(L)284(W)48(H)mm	255(L)238(W)45(H)mm

Model	LK II TC-R3120 4HA	LK II TC-R3210 4HA	LK II TC-R3220 4HA	LK II TC-R3232 4HA	LK AI TC-R3240 4HB
Access Channel	20	10	20	32	40
Incoming Bandwidth	100Mbps	160Mbps(AI on: 120Mbps)	160Mbps(AI on: 120Mbps)	160Mbps(AI on: 120Mbps)	400Mbps(AI on: 200Mbps)
Outgoing Bandwidth	80Mbps	80Mbps	80Mbps	80Mbps	400Mbps(AI on: 200Mbps)
Preview Decoding Capability	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×20, 4CIF(30fps)×20 (AI on：16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×16, 4CIF(30fps)×20)	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×10, 4CIF(30fps)×10 (AI on：16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10)	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×20, 4CIF(30fps)×20 (AI on：16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×16, 4CIF(30fps)×20)	16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×3, 5MP(30fps)×4, 4MP(30fps)×5, 3MP(30fps)×6, 1080P(30fps)×10, 720P(30fps)×20, 4CIF(30fps)×32 (AI on：16MP(30fps)×1,8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1 080P(30fps)×8, 720P(30fps)×16, 4CIF(30fps)×32)	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)×40, 4CIF(30fps)×40 (AI on：16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20, 720P(30fps)×40)
Intelligent Analytics (AI by NVR)	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Tripwire; Double Tripwire; Perimeter; Smart Motion Detection	Face Detection; Face Recognition; Video Structuralization(excludes vehicle detection); Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Sleeping on Duty Detection; On Duty Detection; Smart Motion Detection; Loitering; People Counting
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, 10/100/1000 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
PoE Interface	N/A	N/A	N/A	N/A	N/A
RS232	N/A	N/A	N/A	N/A	1×RS-232
RS485	N/A	N/A	N/A	N/A	1×RS-485
USB	2×USB2.0	2×USB2.0	2×USB2.0	2×USB2.0	1×USB2.0,1×USB3.0
Alarm I/O	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	4-ch, TTL inputs, 3mA, 3.3VDC, 1-ch, relay output, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC
Power Supply	DC12V	DC12V	DC12V	DC12V	DC12V
Boundary Dimensions	255(L)238(W)45(H)mm	341(L)280(W)47(H)mm	341(L)280(W)47(H)mm	341(L)280(W)47(H)mm	440(L)284(W)48(H)mm

Model	LK AI TC-R3440 4MB	LK AI TC-R3440 4HB	LK AI TC-R3440 416HB	LK AI TC-R3840 4HB	LK AI TC-R3880 4HB
Access Channel	40	40	40	40	80
Incoming Bandwidth	400Mbps(AI on: 200Mbps)	400Mbps(AI on: 200Mbps)	400Mbps(AI on: 200Mbps)	400Mbps(AI on: 320Mbps)	400Mbps(AI on: 320Mbps)
Outgoing Bandwidth	400Mbps(AI on: 200Mbps)	400Mbps(AI on: 200Mbps)	400Mbps(AI on: 200Mbps)	400Mbps(AI on: 200Mbps)	400Mbps(AI on: 200Mbps)
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)×28, 720P(30fps)×40, 4CIF(30fps)×40 (AI on：16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20, 720P(30fps)×40)	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)×40, 4CIF(30fps)×40 (AI on：16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20, 720P(30fps)×40)	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)×40, 4CIF(30fps)×40 (AI on：16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20, 720P(30fps)×40)	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)×40, 4CIF(30fps)×40 (AI on：16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20, 720P(30fps)×40)	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 (AI on：16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20, 720P(30fps)×40)
Intelligent Analytics (AI by NVR)	Face Detection; Face Recognition; Video Structuralization(excludes vehicle detection); Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Sleeping on Duty Detection; On Duty Detection; Smart Motion Detection; Loitering; People Counting	Face Detection; Face Recognition; Video Structuralization(excludes vehicle detection); Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Sleeping on Duty Detection; On Duty Detection; Smart Motion Detection; Loitering; People Counting	Face Detection; Face Recognition; Video Structuralization(excludes vehicle detection); Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Sleeping on Duty Detection; On Duty Detection; Smart Motion Detection; Loitering; People Counting	Face Detection; Face Recognition; Video Structuralization(excludes vehicle detection); Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Sleeping on Duty Detection; On Duty Detection; Smart Motion Detection; Loitering; People Counting	Face Detection; Face Recognition; Video Structuralization(excludes vehicle detection); Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Sleeping on Duty Detection; On Duty Detection; Smart Motion Detection; Loitering; People Counting
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)	2×HDMI(supports up to 4K resolution output)	2×HDMI(supports up to 4K resolution output)
VGA	1×VGA	1×VGA	1×VGA	2×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 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	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	N/A	N/A	16×RJ45, 10/100 Mbps self-adaptive Ethernet port	N/A	N/A
RS232	N/A	1×RS-232	N/A	1×RS-232	1×RS-232
RS485	N/A	1×RS-485	1×RS-485	2×RS-485	2×RS-485
USB	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×USB2.0,1×USB3.0
Alarm I/O	Not supported	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC	16-ch, TTL inputs, 3mA, 3.3VDC,4-ch, relay outputs, 1A, 24VDC
Power Supply	DC12V	DC12V	100-240V AC	100-240V AC	100-240V AC
Boundary Dimensions	440(L)351(W)75(H)mm	440(L)351(W)75(H)mm	440(L)351(W)75(H)mm	440(L)455(W)94(H)mm	440(L)455(W)94(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.

Model	K1000 TC-S3608 Spec:T/2U/V3.0	K2000 TC-S36424 Spec:T/4U/V5.0
Processor	64-bit multi-core processor	64-bit multi-core processor
Data Disk	Support 2.5 "or 3.5" SATA; A standard 4T enterprise-class hard disk is used as a data disk (occupying one disk slot) and cannot store videos. In SATA 1 port	Support 2.5 "or 3.5" SATA; A standard 4T enterprise-class hard disk is used as a data disk (occupying one disk slot) and cannot store videos. In SATA 1 port
Operating System	Centos7.6 (Linux)	Centos7.6 (Linux)
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	400M
Video Interface	2*HDMI	2*HDMI
USB Interface	2 USB2.0; 2 USB3.0	2 USB2.0; 2 USB3.0
String Interface	2 (RS-485); 1 (RS-232)	2 (RS-485); 1 (RS-232)
Alarm Input/Output	8 In & 4 Out	8 In & 4 Out
SATA	8	24
Network Interface	4*RJ45.1000Mbps	4*RJ45.1000Mbps
Case Size	2U	4U
Power Supply	AC100V ~ 240V; 50Hz	AC100V ~ 240V; 50Hz
Quantity of Power Supply	1 (550W)	1 (550W)
Power Consumption	Power rating: 550W	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

CMS

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.

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	Decoder TC-ND314A Spec:E/V2.0	Decoder TC-ND316A Spec:2/E/V2.0	Decoder TC-ND319A Spec:2/E/V2.0	Decoder TC-ND3112A Spec:4/H/V2.0	Decoder TC-ND3116A Spec:4/H/V2.0
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

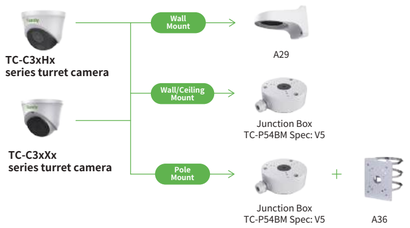
SWITCH

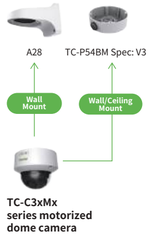
Tiandy PoE Switch, adopting high-quality and high-speed network IC and the most stable POE chip, the POE port meets the standard of 802.3af or 802.3at. This series of POE switches can automatically detect and supply power to the power-receiving devices that meet the standard of and the intelligent detection 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.

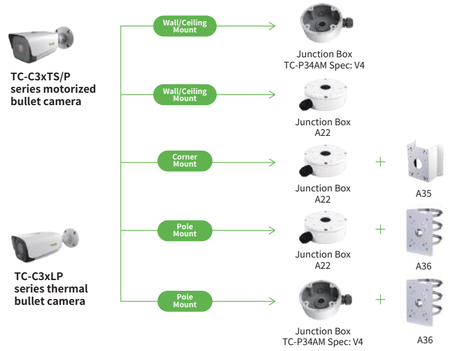
Model	PoE Switch TC-P3S06 Spec:F/0420/AT/55	PoE Switch TC-P3S06 Spec:H/0402/AT/60	PoE Switch TC-P3S010 Spec:F/0820/AT/90	PoE Switch TC-P3S010 Spec:H/0820/AT/90
I/O Interface	4FE+2FE	4GE+2SFP	8FE+2FE	8FE+2GE
MAC Address	1K	2K	2K	2K
DIP Switch	Supported(VLAN/Default/Extend)	Supported(VLAN/Default/Extend)	Supported(VLAN/Default/Extend)	Supported(VLAN/Default/Extend)
HI-PoE	Supported	Supported	Supported	Supported
PoE Watchdog	Supported	Supported	Supported	Supported
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), SWT(DIP), 1-10 Green(Link&Data), POE Max(Power)	Dual color light selection: default green (link data), switch yellow light (POE)
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"

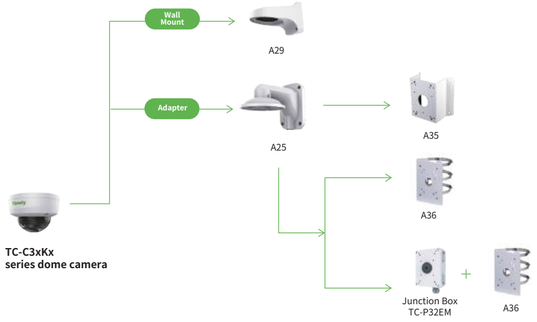
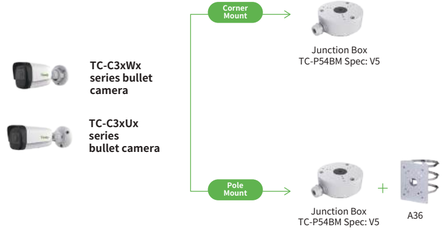
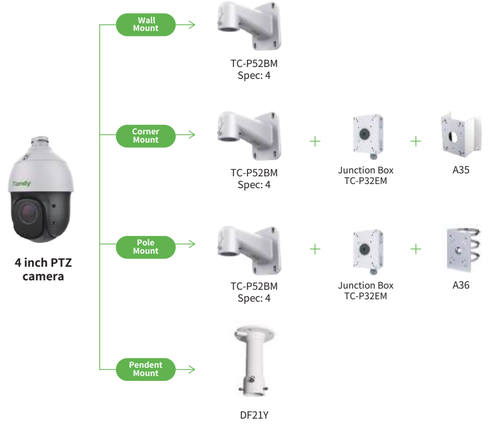
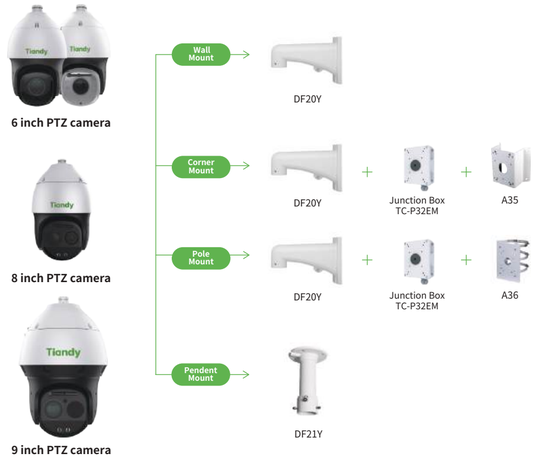
Model	PoE Switch TC-P3S010 Spec:G/0820/AT/110	PoE Switch TC-P3S019 Spec:H/1621/AT/180	PoE Switch TC-P3S020 Spec:G/1622/AT/180	PoE Switch TC-P3S027 Spec:H/2421/AT/260	PoE Switch TC-P3S028 Spec:G/2422/AT/280
I/O Interface	8GE+2GE	16FE+2GE+1SFP	16GE+2GE+2SFP	24FE+2GE+1SFP	24GE+2GE+2SFP
MAC Address	2K	2K	8K	2K	8K
DIP Switch	Supported(VLAN/Default/Extend)	Supported(VLAN/Default/Extend)	Supported(VLAN/Default/Extend)	Supported(VLAN/Default/Extend)	Supported(VLAN/Default/Extend)
HI-PoE	Supported	Supported	Supported	Supported	Supported
PoE Watchdog	Supported	Supported	Supported	Supported	Supported
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 /2.5A"	"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"

Mount Accessories









TC-C3xQx sereis bullet camera