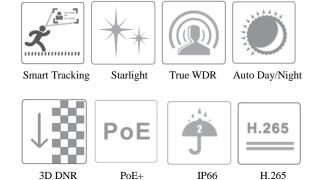




4MP 25X Starlight IR Network PTZ Camera





CE FC Onvie

System

TD-8543IE (PE/25M/AR10), 4MP 25x Starlight IR Network PTZ camera, is suitable for wide range of intrusion and perimeter protection applications. The image sub-system is designed and fine-tuned for more reliable AI analysis and recognition results. Upon detecting illegal intrusion, the camera will trace it until the object leave out of restricted regions. This model could recognize max 15 objects per second, recognize human faces up to 380m distance or record human behaviors up to 1900m in most scenarios.

Key Spec:

- 1/2.5" progressive scan CMOS
- Up to 2560x1440 resolution
- Mini illumination:

Color: 0.01 lux @ (F1.65 AGC ON)

B/W: 0.002 lux@ (F1.65 AGC ON)

0 Lux with IR

- •25x optical zoom, 16x digital zoom
- •120 dB WDR, 3D DNR, Smart IR

- Up to 100m IR distance
- Smart H.265/H.264 video compression
- 1.0 Tops Deep-learning Engine
- Smart tracking of human/vehicle
- Smart detection and perimeter protection
- IP66,-30 ℃~60 ℃, Aluminum Alloy &Plastic
- PoE+ (802.3.at, class 3) and DC24V/AC24V
- ONVIF, API and SDK

Application:

Wide range area intrusion, perimeter protection and alarm, such as parks, scenic spots, stations and venues, industrial park.



SPECIFICATION:

Camera Module				
System	Hi3516DV300, 8Gb LPDDR3,4GB Flash, product active till 2022,Dec.			
Image sensor	1/2.5" progressive scan CMOS			
Mini. Illumination	Color: 0.01Lux @ (F1.65, AGC ON); B/W: 0.002Lux @(F1.65, AGC ON);0Lux with IR			
Image setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser			
Shutter Speed	1/1 s - 1/10,000 s			
White Balance	Auto/Manual/Indoor/Outdoor			
Gain	Auto/Manual Auto/Manual			
Day & Night	IR Cut filter			
Digital Zoom	16x			
Privacy Mask	4 Programmable privacy masks			
3D DNR	Auto/Manual			
BLC	Yes			
HLC	Yes			
WDR	120 dB			
Defog	Electronic			
EIS	Yes			
Regional Exposure	No			
Picture overlay	Logo picture could be overlaid on video with 128x128pixels,24bits BMP format			
Lens				
Focus length	f=4.8-120mm lens,25x optical zoom			
Zoom Speed	Approx. 3.6s (optical zoom, wide-tele)			
Field of View	Horizontal: 55 °~2.4 ° (wide-tele); Vertical: 35 °~ 1.4 ° (wide-tele); Diagonal: 61.5 °~ 2.8 °(wide-tele)			
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF			
Aperture Range	F1.65 ~ F3.8 (wide-tele)			
PTZ				
Pan Range	360 endless			
Pan speed	Configurable, from 0.1~80 %; Preset speed: 150 %			
Tilt Range	From -3 °to 90 °			
Tilt Speed	Configurable, from 0.1 $^{\circ}$ 80 %, Preset speed: 120 %			
Proportional Zoom	Yes			
Preset	360			
Cruise	8 cruises, up to 16 presets for each cruises			
Track	4 tracks, record time over 3 minutes for each track			
Power off memory	Support			
Action mode	Preset/Cruise/Track/Auto Scan/Random Scan			
3D Positioning	Support			
PTZ Position Display	Support			
Schedule Task	Preset/Cruise/Track/Random Scan/Boundary Scanning /Dome reboot			
IR				
IR Distance	100m (328 f.t.)			
Smart IR	Yes, support facial exposure			
Network				
Max Resolution	2560x1440			
	2560x1440,2048x1536,1920x1080,1280x960,1280x720 (25/30 fps)			
Main stream				
Main stream Sub stream	25fps (704 ×576, 640 ×480, 352 ×288)			
Sub stream	25fps (704 ×576, 640 ×480, 352 ×288) 30fps (704 ×480, 640 ×480, 352 ×240)			
	25fps (704 ×576, 640 ×480, 352 ×288)			



Audio compression G.711 A/U Audio Enhancement No Protocols HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPaP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE Simultaneous live view Up to 6 channels User / Host Up to 6 users, 3 levels: Administrator, Advanced User and Normal User Security Measures User authentication (ID and PW), Host authentication (MAC address): HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering Smart Features Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error), defocus detection. Face Recognize / Compare Default off, max 30 human faces per second. People Density/LPR Not support by this product Smart Detection Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Scene change detection, Support alarm triggering by human or vehicle, filtering flag/aminal. Smart Detection Manual Tracking, Auto Tracking (human or vehicle by software setting) System Integration Alarm input; 1 Alarm output Amm Interface 1 Alarm input; 1 Alarm output Audio Interface 1 audio input/MIC in; 1 audio output, line level, impedance,6000Q Alarm Linkag	Video compression	Smart H.265+/H.265/H.264/MJPEG			
Audio Enhancement No Protocols HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE Simultaneous live view Up to 6 channels User / Host Up to 16 users, 3 levels: Administrator, Advanced User and Normal User User / Host Use authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control: IP address filtering Security Measures Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error), defocused detection. Face Recognize / Compare Default off, max 30 human faces per second. People Density/LPR Nos support by this product Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Scene change detection, Support alarm triggering by human or vehicle, filtering flag/animal. Smant Tracking Manual Tracking, Auto Tracking (human or vehicle by software setting) System Integration Alarm integrace 1 Alarm input; 1 Alarm output Audio Interface 1 Alarm input; 1 Alarm output Alarm Linkage 1 Produce in the party in the level, impedance, 6000Ω Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Tr	*				
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Security Measures Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering Smart Features	Simultaneous live view	Up to 6 channels			
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People Density/LPR Not support by this product Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Scene change detection, Support alarm triggering by human or vehicle, filtering flag/animal. Smart Tracking Manual Tracking, Auto Tracking (human or vehicle by software setting) System Integration Manual Tracking, Auto Tracking (human or vehicle by software setting) Alarm Interface 1 Alarm input; 1 Alarm output Audio Interface 1 audio input(MIC in); 1 audio output, line level, impedance,600Ω Alarm Linkage Alarm actions, such as Presset, Cruise, Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc. Network Interface 1 R145 10M/100M Adaptive Ethernet (Support PoE 802.3 at, class 3) CVBS None SD Card Slot One MicroSD/SDHC/SDXC card slot, up to 256G API ONVIF, support TVT SDK and third-party management platform Client TVT N9000 1.4.5, TVT NVMS 2.0; and the third-party client Web Browser IE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11 General Power DC24V,AC24V or PoE+ (802.3 at, class 3), (Max 30W, include IR, Heater, Fan working, max 9W for IR) Working condition	Basic event	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
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System Integration Alarm Interface 1 Alarm input; 1 Alarm output Audio Interface 1 audio input(MIC in); 1 audio output, line level, impedance,600Ω Alarm Linkage Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc. Network Interface 1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.at,class 3) CVBS None RS 485 None SD Card Slot One MicroSD/SDHC/SDXC card slot, up to 256G API ONVIF, support TVT SDK and third-party management platform Client TVT N9000 1.4.5, TVT NVMS 2.0; and the third-party client Web Browser IE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11 General DC24V,AC24V or PoE+ (802.3.at, class 3), (Max 30W, include IR, Heater, Fan working, max 9W for IR) Working condition -30 ℃ < 60 ℃ (-22 ♥ ~ 140 ₱).90%RH less (non-condensing),Cold start at -25 ℃	Smart Detection	detection, Object removal detection, Scene change detection, Support alarm triggering by human or vehicle, filtering			
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Client TVT N9000 1.4.5, TVT NVMS 2.0; and the third-party client Web Browser IE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11 General Power DC24V,AC24V or PoE+ (802.3.at, class 3), (Max 30W, include IR, Heater, Fan working, max 9W for IR) Working condition -30 $^{\circ}$ C ~ 60 $^{\circ}$ C (-22 $^{\circ}$ C ~ 140 $^{\circ}$),90%RH less (non-condensing),Cold start at -25 $^{\circ}$ C Storage condition -40 $^{\circ}$ C ~ 65 $^{\circ}$ C; \leq 95% RH Protection IP66, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection Material Aluminum Alloy + Plastic Dimensions $^{\circ}$ Dimensions $^{\circ}$ Q 209mm × 328mm (8.22 inch $^{\circ}$ V × 12.91 inch) Weight Approx. 3.7 Kg (8.31 lb.)		A			
Web BrowserIE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11GeneralDC24V,AC24V or PoE+ (802.3.at, class 3), (Max 30W, include IR, Heater, Fan working, max 9W for IR)Working condition $-30 \text{C} \sim 60 \text{C}$ ($-22 \text{F} \sim 140 \text{F}$),90%RH less (non-condensing),Cold start at -25C Storage condition $-40 \text{C} \sim 65 \text{C}$; $\leq 95 \text{M}$ RHProtectionIP66, 6000V Lightning Protection, Surge Protection and Voltage Transient ProtectionMaterialAluminum Alloy + PlasticDimensions $\Phi 209 \text{mm} \times 328 \text{mm}$ ($8.22 \text{inch} \Phi \times 12.91 \text{inch}$)WeightApprox. 3.7Kg (8.31lb.)	Client				
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Working condition-30 ℃ ~ 60 ℃ (-22 ♥ ~ 140 ₱),90%RH less (non-condensing),Cold start at - 25 ℃Storage condition-40°C ~ 65°C ; ≤ 95% RHProtectionIP66, 6000V Lightning Protection, Surge Protection and Voltage Transient ProtectionMaterialAluminum Alloy + PlasticDimensionsΦ 209mm × 328mm (8.22 inch Φ × 12.91 inch)WeightApprox. 3.7 Kg (8.31 lb.)	Power				
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Weight Approx. 3.7 Kg (8.31 lb.)		·			
	Certification	IP66,ROHS,CE,FC			

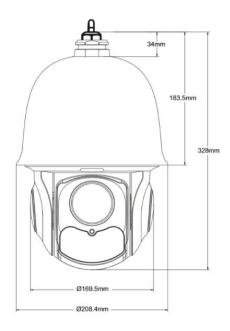
DORI table

It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect (human behaviours)	Observe (as Court level evidence)	Recognize (face ID, CPL)	Identify (human and his photo)
Define	25Pixels /meter	63Pixels/meter	125Pixels/meter	250pixels/meter
Distance	1900m(6233 f.t.)	760m (2493 f.t.)	380m (1246 f.t.)	190m (623 f.t.)



Dimensions:



Ordering information

Camera TD-8543IE(PE/25M/AR10)	5 Inch 4MP 25X Starlight 100m IR Network PTZ Camera, Smart Tracking, DC24V/AC24V/PoE+, IP66,-30°C~65°C,Not include Power adaptor and Bracket
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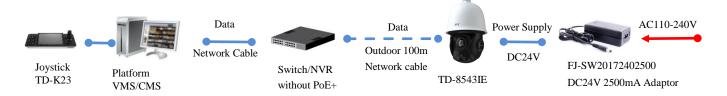
Mounting Brackets Options:

TD-YZJ0808	TD-YZJ0808+YZJ0501 Pole Mount	TD-YZJ0808+YZJ0601	TD-YZJ0807
Wall mount		Corner Mount	Pendant mount

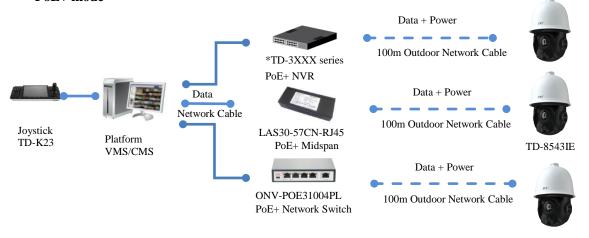


Connection Options:

Legacy connection mode



• PoE+ mode



^{*} PoE+ Class NVR models:

TD-3308C1-8P, TD-3316C2-16P, TD-3316C4-16P, TD-3332C4-16P, TD-3304T1H-4P, TD-3308T1H-8P, TD-3316T2H-16P Please contact your local sales for more information about production details.

- * All accessories listed here have been tested for compatibility, other vendors are not guaranteed
- * All pictures and texts are for reference only. Actual product may vary due to product enhancement.

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