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TVT

Secure The World With You

TD-5635E1-VT2

Thermal Network Speed Dome



- Resolution: 384 × 288
- 12μm， NETD: ≤ 35mK(@25℃, F#=1.0)
- Temperature range: -20℃~150℃
- Multi-palette: whit hot, black hot, rainbow, iron oxide red, etc.
- 200~300m IR view distance
- Ultra fast rotation and tracking speed
- Superior low light performance
- Supports intelligent analytics: Line crossing detection, region intrusion, etc.
- Supports temperature measurement, fire detection
- Deep-learning engine, support human/vehicles detection, auto-tracking
- IP66 Water immersion / IK10/6KV Surge protection,7×24H harsh weather
- Confirms to data protection regulations of major countries

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Specifications

Model	TD-5635E1-VT2		
Thermal Module			
Detector Type	12μm 384×288 Uncooled Infrared Focal Plane detector		
Response Waveband	8 μm – 14 μm		
NETD	≤35mK(@25℃, F#=1.0)		
IRIS Type	Fixed IRIS		
Lens	9.1mm@F1.0	19mm@F1.0	25mm@F1.0
Field of View (H×V)	28.4°×21.5°	13.8°×10.4°	10.5°×7.9°
DRI Distance Human (0.75m)	D: 379m(1243ft) R: 95m(311ft) I:47m(154ft)	D: 792m(2598ft) R: 198m(650ft) I:99m(323ft)	D: 1042m(3418ft) R: 260m(853ft) I:130m(426ft)
DRI Distance Vehicle (2.3m)	D: 1163m (3815ft) R: 291m(954ft) I:145m(475ft)	D: 2428m (7966ft) R: 607m(1991ft) I:303m(994ft)	D: 3194m(10479ft) R: 799m(2621ft) I:399m(1309ft)
Color Palettes	Black hot, white hot, rainbow, iron oxide red, etc.		
Visible Light Module			
Image Sensor	1/2.8″ CMOS		
Max. Resolution	2560×1440		
Electronic Shutter	50Hz: 1/25s-1/25,000; 60Hz: 1/30s－1/30,000s		
Min. Illumination	Color: 0.01 Lux @(F1.65, AGC ON)； B/W: 0.002Lux@(F1.65, AGC ON); 0 Lux with IR		
Focus length	f=4.8-154mm,32x optical zoom		
Field of View (H×V)	Horizontal: 59.38°~ 2.28°； Vertical: 35.74°~ 1.29°; Diagonal: 66.28°~2.61°;		
Aperture Range	F1.65-F4.70(W-T)		
Aperture Control	Auto/Manual		
Zoom Speed	Approx. 4.4s		
Image			
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG		
H.264 Compression Standard	Baseline Profile / Main Profile / High Profile		
Bit Rate Type	VBR/CBR		
Bit Rate	128Kbps ~ 8Mbps		
Resolution	Optical: 4M(2560×1440)，1080P(1920×1080)，720P(1280×720)，D1，CIF，480x240		
	Thermal : 384×288(the resolution of output image is 720P/D1/CIF/480×240)		
Main Stream	Optical: 50Hz: 2560 ×1440,1920 ×1080,1280 ×960,1280 ×720(1~ 25fps) 60Hz: 2560 ×1440,1920 ×1080,1280 ×960,1280 ×720 (1~30fps)		
	Thermal: 720P/D1/CIF/480x240（1~25fps）		
Sub Stream	Optical: 60Hz: 720P/D1/CIF(1~30fps); 50Hz: 720P/D1/CIF(1~25fps)		
	Thermal : D1/CIF/480×240(1~25fps)		
Third Stream	Optical: 60Hz: D1/CIF/480×240 (1~30fps); 50Hz: D1/CIF/480×240 (1~25fps)		
	Thermal : D1/CIF/480×240(1~25fps)		
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser		
Image Overlay	Temperature can be overlaid on the thermal image		
Audio Compression	G711A/U		
ROI	No		
PTZ			
Pan Range	360°endless		
Pan speed	Configurable, from 0.1~320°/s; Preset speed: up to 320°/s		
Tilt Range	From -10°to 156°		

*All pictures and specifications are for reference only and are subject to change without prior notice.

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Tilt Speed	Configurable, from 0.1 °/s~240 °/s, Preset speed: up to 240 °/s
Proportional Zoom	Yes
Preset	512
Cruise	8 cruises, up to 16 presets for each cruises
Patrol	8 patrols, record time over 10 minutes for each patrol
Power off memory	Support
Action mode	Preset/Cruise/Patrol/Random Scan/Boundary Scanning
3D Positioning	Support
PTZ Position Display	Support
Schedule Task	Preset/Cruise/Patrol/Random Scan/Boundary Scanning
Interface	
Network	RJ45
Video Output	No
Audio	1CH audio input; 1CH audio output
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
RS485	No
Alarm	1CH alarm input; 1 CH alarm output
Function	
Temperature Measurement	Temperature Range：-20℃~150℃
	Temperature Accuracy： ±8℃ or ±8%
Temperature Alarm	10 rules in total (Point up to 10; Line: up to 10; Area: up to 10)
	Over temperature alarm, low temperature alarm;
Fire Detection	Dynamic fire detection, up to 10 fire points detectable
Remote Monitoring	Web browser / NVMS/NVR/Mobile APP
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, RTMP, SNMP, 802.1x, UPnP, HTTPS, HTTP POST, P2P, Qos
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection, video exception, audio exception
Intelligent Analytics	Optical: region intrusion/entrance/exiting detection/line crossing detection (human/motor vehicle/non-motor vehicle classification), target counting by line (human/motor vehicle/non-motor vehicle classification), face detection Thermal: fire detection, temperature exception alarm, region intrusion/entrance/exiting detection/line crossing detection (human/motor vehicle classification) AI function can be enabled simultaneously on thermal and optical channels
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection
PoE	Yes，IEEE802.3bt
IR Distance	200~300m
Ingress Protection	IP66
Others	
Power	AC24V/DC24V, 2500mA, or PoE++ (802.3.bt)
Power Consumption	Avg.24W, max 35W, include IR 12W
Working Environment	-30℃ ~ 60℃ ; ≤95% (non-condensing)
Dimensions(mm)	Φ 302 ×197
Weight(net)	Approx. 3KG
Certificate	CE, FCC
Installation	Wall mounting; ceiling mounting

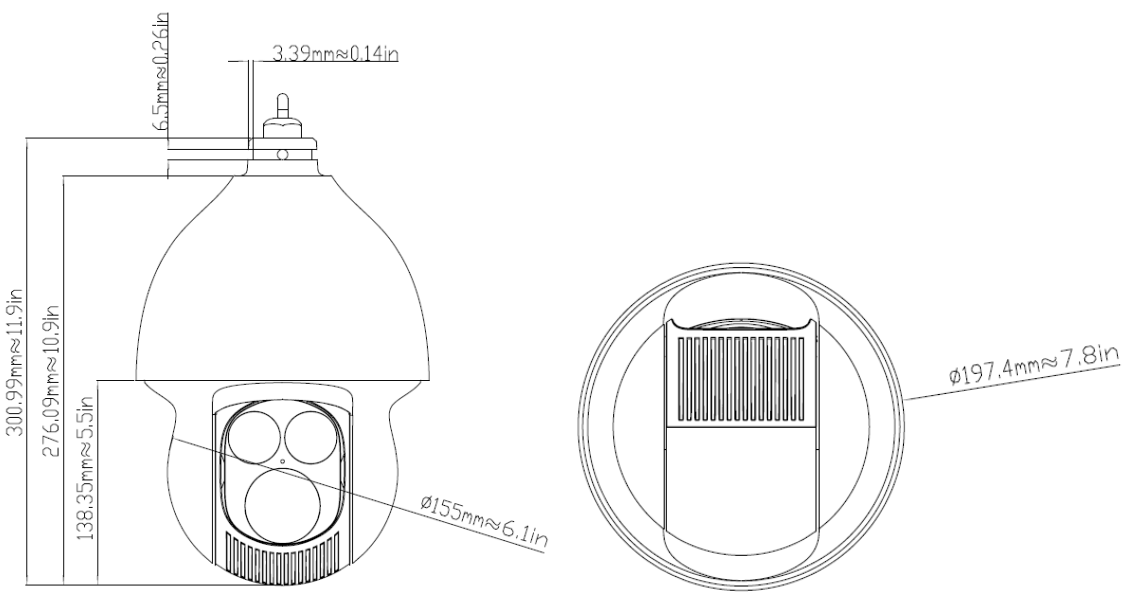
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Available Model

Available Model
TD-5635E1-VT2(PE/432/VL30/9mm)
TD-5635E1-VT2(PE/432/VL30/19mm)
TD-5635E1-VT2(PE/432/VL30/25mm)

Dimensions



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Available Accessories

Included:



TD-YZJ0808



DC24V2.5A

Optional:



TD-YZJ0321

Wall mounting bracket



TD-YZJ0321+TD-YZJ0501

Pole mounting bracket



TD-YZJ0321+TD-YZJ0601

Corner mounting bracket



TD-YZJ0807

Pendant mounting bracket



TD-YZJ0311
Wall mounting bracket
with junction box



TD-YZJ0312
Pole mounting bracket
with junction box



TD-YZJ0313
Corner mounting bracket
with junction box

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