CTS Tecnologie · Distributore di sistemi di sicurezza
info@ctstecnologie.it · Via Ugo la Malfa 8, 20128 Milano
www.ctstecnologie.it

TVT

Secure The World With You

THERMALCAMERA

TD-5433E1-VT

Thermal Network Bullet Camera



Thermal:

- Resolution: 384 × 288
- 17μm NETD:≤50mK(@25°C, F#=1.0)
- Temperature range: -20°C~150°C
- Dual image fusion (thermal image and optical image)
- Multi-palette: white hot, black hot, iron oxide red, etc.
- Sound and light warning, temperature exception alarm, fire detection
- Intelligent analytics: intrusion detection (human/motor vehicle classification), line crossing detection (human/motor vehicle classification)

Optical:

- 5MP (2592 × 1944) @30 fps
- ICR auto switch, true day/night vision
- Up to 100m IR night view distance
- 3D DNR, true WDR(120dB), HLC, BLC, Smart IR, distortion image correction, ROI etc.
- Intelligent analytics: intrusion detection (human/motor vehicle/non-motor vehicle classification), line crossing detection (human/motor vehicle/non-motor vehicle classification), scene change detection, video exception detection, target counting(human/vehicle /non-motor vehicle classification), face detection, face capture

Shenzhen TVT DIGITAL TECHNOLOGY CO., LTD.

Address: 23rd Floor, Block B4, Building NO.9, Shenzhen Bay Eco-Technology Park, Nanshan District, Shenzhen, Guangdong Province, P.R.China

Tel: +86-755-36995888 Fax: +86-755-33104777

Web site: http://en.tvt.net.cn E-mail: overseas@tvt.net.cn

Documento fornito da CTS Tecnologie · www.ctstecnologie.it · info@ctstecnologie.it

TVT TD-5433E1-VT

Thermal Network Bullet Camera

SPECIFICATIONS

Model / Specifications	TD-5433E1-VT			
Thermal Module				
Detector Type	17μm 384×288 α-Si uncooled focal plane detector			
Response Waveband	8μm-14μm			
NETD	≤50mK(@25℃, F#=1.0)			
IRIS Type	Fixed Iris			
Lens	8mm@F1.0	12.3mm@F1.0	19mm@F1.0	25mm@F1.0
Field of View(H×V)	44.4°×34°	29.7°×22.5°	19.5°×14.7°	15°× 11.2°
Min. Focusing Distance	0.5m	1m	1m	2 m
DRI Distance Human (0.75m)	D: 235m(771ft) R: 59m(194ft) I:29m(95ft)	D: 362m(1188ft) R: 90m(295ft) I:45m(148ft)	D: 559m(1834ft) R: 140m(459ft) I:70m(230ft)	D: 735m(2411ft) R: 184m(604ft) I:92m(302ft)
DRI Distance Vehicle (2.3m)	D: 722m(2369ft) R:180m(591ft) I:90m(295ft)	D: 1109m(3638ft) R: 277m(909ft) I:139m(456ft)	D: 1713m(5620ft) R: 428m(1404ft) I:214m(702ft)	D:2255m(7398ft) R: 564m(1850ft) I:282m(925ft)
Color Palettes	Black hot, White hot,iron oxide red, etc.			
Visible Light Module				
Image Sensor	1/ 2.7" CMOS			
Image Size	2592 × 1944			
Electronic Shutter	1 s ~ 1 / 100000 s			
Iris Type	Fixed Iris			
Min. Illumination	0.0125 lux@F2.0, AGC ON; 0 lux with IR			
Lens	6mm@F2.0	8mm@F2.0	12mm@F2.0	16mm@F2.0
Field of View(H×V)	51°× 37°	38°× 27.5°	26.6°×19.3°	19.8°×14.3°
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
Digital NR	2D/3D DNR			
Image				
Video Compression	H.265 / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile / Main Profile / High Profile			
Bit Rate Type	VBR/CBR			
Bit Rate	128Kbps~ 8Mbps			
Resolution	Thermal : 384 × 288/DI/CIF/ 480 × 240			
	Optical: 5MP (2592 × 1944), 4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296),1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240			
Main Stream	Optical: 5MP/4MP/2K/3MP/1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)			
	Thermal : 384× 288 (the resolution of output image is 720P)/DI/CIF/ 480 × 240 (60Hz:1~30fps; 50Hz: 1~25fps)			
Sub Stream	Optical: 720P/D1/CIF(60Hz: 1~30fps; 50Hz: 1~25fps)			
	Thermal : 384× 288 (the resolution of output image is 720P)/DI/CIF/ 480 × 240 (60Hz:1~30fps; 50Hz: 1~25fps)			
Third Stream	Optical: D1/CIF/480 × 240(60Hz: 1~30fps; 50Hz: 1~25fps)			
	Thermal : 384× 288 (the resolution of output image is 720P)/DI/CIF/ 480 × 240 (60Hz:1~30fps; 50Hz: 1~25fps)			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser			
Audio Compression	G711A/U			
ROI	8 regions; each ROI to be configured separately			

*DRI: Detection, Recognition, Identification

Interfaces				
Network	RJ 45			
Video Output	No			
Audio	1CH 3.5mm LIN in audio input; 1CH built-in speaker			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
RS 485	Yes			
Alarm	4CH alarm input; 4CH alarm output			
Functions				
Temperature Range	-20°C~150°C (-4°F~302°F)			
Temperature Accuracy	±8°C			
Temperature alarm	Over temperature alarm, low temperature alarm			
Temperature Measurement	10 rules in total (Point: up to 10; Line: 2, recommended; Area: 2, recommended)			
Fire Detection	Dynamic fire detection, up to 10 fire points detectable			
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP			
Web Browser	IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS			
Interface Protocol	ONVIF			
Storage	Network remote storage; micro SD card storage			
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, Cable connection			
Intelligent Analytics	Optical: intrusion detection/line crossing detection (human/motor vehicle/non-motor vehicle classification), scene change detection, video exception detection, target counting(human/motor vehicle/non-motor vehicle classification) , face detection, face capture Thermal: fire detection, temperature exception alarm, intrusion detection/line crossing detection (human/motor vehicle classification)			
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction			
Sound&Light Warning	White light flashing alarm and sound alarm supported			
PoE	Yes , IEEE802.3 af, class0			
IR Distance	50 ~ 70 m	50 ~ 70 m	70 ~ 100 m	70 ~ 100 m
Protection Grade	IP66			
Others				
Power Supply	DC12V / PoE			
Power Consumption	< 9W			
Operating Environment	Humidity: less than 95 % (non-condensing) -30 °C ~ 60 °C (-22°F~140°F)			
Certificate	CE, FCC			
Environment Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)			
Dimensions (mm)	278.3 × 100.2 × 88.7			
Weight (net)	Approx. 1.18KG			
Installation	Ceiling mounting; Wall mounting			

AVAILABLE MODEL

Available Model	TD-5433E1-VT(9/PE)	9mm thermal lens
	TD-5433E1-VT(12/PE)	12.3mm thermal lens
	TD-5433E1-VT(19/PE)	19mm thermal lens
	TD-5433E1-VT(25/PE)	25mm thermal lens

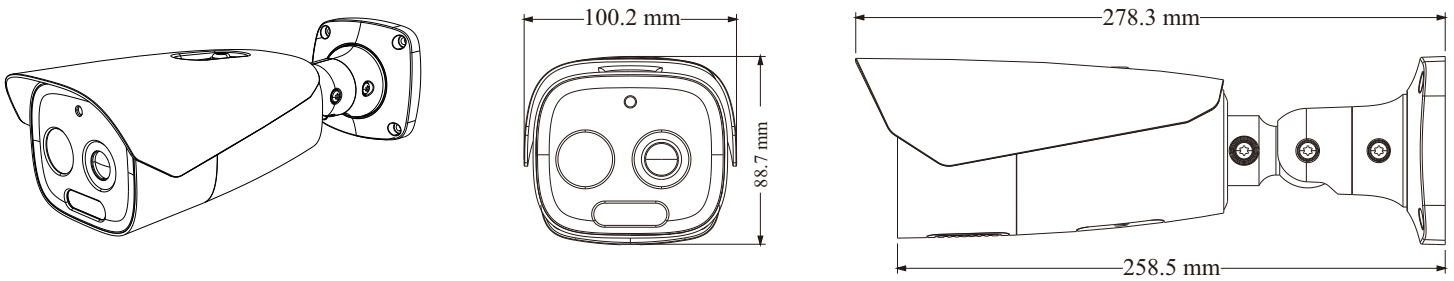
*All pictures and specifications are for reference only and are subject to change without prior notice.

Documento fornito da CTS Tecnologie · www.ctstecnologie.it · info@ctstecnologie.it

TD-5433E1

Thermal Network Bullet Camera

DIMENSIONS



AVAILABLE ACCESSORIES



TD-YXH0302



TD-YXH0302+
TD-YZJ0501



TD-YXH0302+
TD-YZJ0601



TD-YXH0302+
TD-YZJ0811

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

Documento fornito da CTS Tecnologie · www.ctstecnologie.it · info@ctstecnologie.it

DATASHEET

Documentazione tecnica

Documentazione originale del produttore, messa a disposizione da CTS Tecnologie.

Sei un installatore o un’azienda?

Registrati all’area clienti per vedere i prezzi, ordinare online e scaricare cataloghi e listini dei marchi che distribuiamo.

www.ctstecnologie.it/registrazione

Contatti

Email	info@ctstecnologie.it
Sede	Via Ugo la Malfa 8, 20128 Milano
Sito	www.ctstecnologie.it

Vendita in tutta Italia · Assistenza tecnica in Lombardia

Cosa trovi da CTS Tecnologie

- Oltre 2.000 prodotti per antintrusione, videosorveglianza, antincendio e controllo accessi
- Consulenza per preparare preventivi con le soluzioni adatte al cliente
- Assistenza ai tecnici per installazione e programmazione dei marchi trattati
- Formazione tecnico-commerciale sulle apparecchiature distribuite

Le pagine precedenti riproducono il documento originale del produttore senza modifiche.
Marchi e contenuti appartengono ai rispettivi proprietari.