TD-5433E1-ST2

Thermal Network Bullet Camera



- 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.
- Intelligent analytics: region intrusion/entrance/exiting detection (human/vehicle classification), line crossing detection (human/vehicle classification), temperature exception alarm, fire detection
- IP66 ingress protection

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Specifications

Model	TD-5433E1 –ST2		
Thermal Module			
Detector Type	12μm 384×288 VOx Uncooled Infrared Focal Plane Array		
NETD	≤ 35mK(@25 ℃, F#=1.0)		
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 °
Color Palettes	Black hot, white hot, rainbow, iron oxide red, etc.		
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)
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 ~ 4Mbps		
Resolution	384×288（the resolution of output image is 720P/D1/CIF/480×240）		
Main Stream	720P/D1(1~25fps)		
Sub Stream	D1/CIF/480×240(1~25fps)		
Third Stream	D1/CIF/480×240(1~25fps)		
Image Overlay	Temperature, time, date, channel number, channel name and self-defined texts can be overlaid on the live image		
Audio Compression	G711A/U		
Temperature Overlay	Thermal image temperature overlay		
Interface			
Network	RJ45		
Video Output	No		
Audio	1CH audio input; 1CH audio output; 1CH built-in speaker		
Storage	Built-in micro SD card slot, up to 256GB		
Reset	Yes		
RS485	Yes		
Alarm	4CH alarm input; 4 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: 2 recommended; Area: 2 recommended)		
	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, SNMP, 802.1x, UPnP, HTTPS, HTTP POST, 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		

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

Intelligent Analytics	Line crossing detection, region intrusion detection, region entrance detection, region exiting detection, fire detection, temperature exception detection
Light and Sound Alarm	Support sound linkage alarm
General Function	Watermark, IP address filtering, heartbeat, illegal login lock
PoE	Yes，IEEE802.3af
Ingress Protection	IP66
Others	
Power	DC12V/PoE
Power Consumption	< 9W
Working Environment	- 30 ~60℃; Humidity: < 95% (non-condensing)
Dimensions(mm)	278.3 ×100.4 ×89
Weight(net)	Approx. 1.05KG
Installation	Wall mounting; ceiling mounting

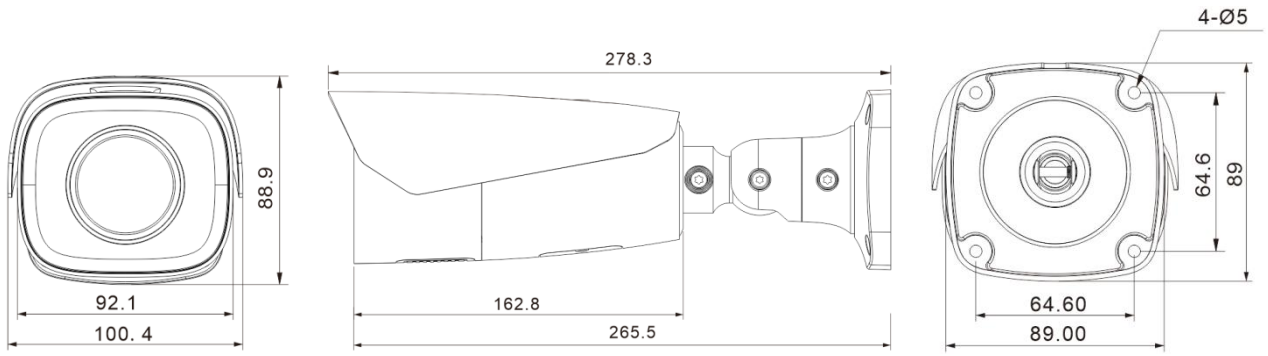
*The above-mentioned DRI distance is for reference only and the performance may vary according to different environment. The optimal human detection, recognition, and identification distances are calculated according to Johnson’ s Criteria.

Detection Range: In order to distinguish an object from the background, the object must covered by 1.5 or more pixels. Recognition Range: In order to classify the object(animal, human, vehicle, etc.), the object must be covered by 6 or more pixels. Identification range: In order to identify the object and describe it in details, the object must be covered by 12 or more pixels.

Available Model

Available Model	TD-5433E1-ST2(9/PE)	9.1mm lens
	TD-5433E1-ST2(19/PE)	19mm lens
	TD-5433E1-ST2(25/PE)	25mm lens

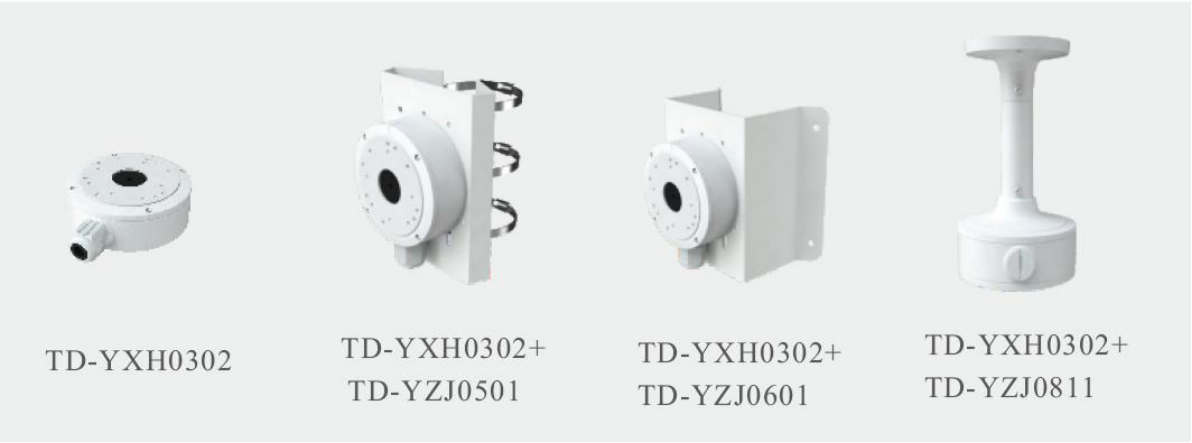
Dimensions



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Available Accessories

Optional:



TD-YXH0302

TD-YXH0302+ TD-YZJ0501

TD-YXH0302+ TD-YZJ0601

TD-YXH0302+ TD-YZJ0811

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