

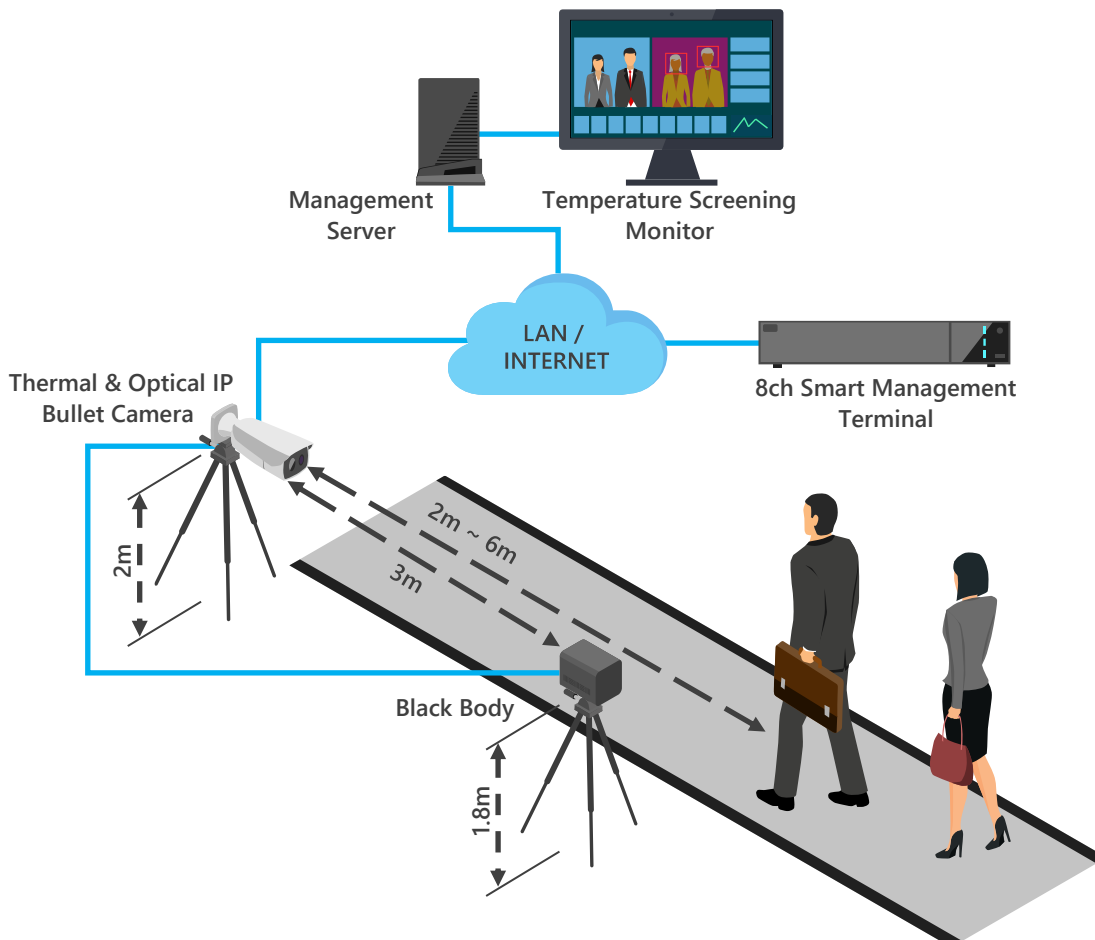
t-Series Temperature Screening Solution

Key Features

- Contactless and High Accuracy Measuring, up to $\pm 0.3^{\circ}\text{C}$ with Black Body
- Rapid Temperature Measurement, up to 600 People/Minute
- Real-Time Alarm for Abnormal Temperature and Without Mask Detection
- 12.3mm Thermal Imaging Lens, 384 x 288 Detector Resolution
- 5MP (2592 x 1944) @ 30fps
- 1/2.7" BSI & NIR Progressive CMOS Sensor
- H.265+ / H.265 / H.264 Compression
- Support up to 256ch and 64 NVRs and Multi-screen Display (t 5300)
- Embedded Linux (t 5300 & t 5308)
- 4K Resolution HDMI Output



System Design



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Technical Specifications

Specifications*	t 5433
Description	Thermal & Optical IP Bullet Camera
Image Sensor	1/2.7" CMOS Sensor
Resolution	5MP
Effective Pixels	2592(H) × 1944(V)
Electronic Shutter Speed	1/30-1/100,000Sec
Thermal Detector	17um 384x288 Vanadium Oxide Uncooled Focal Plane
NETD	<35mK (at 25°C)
Accuracy	±0.5°C without Black Body / ±0.3°C with Black Body
Temp. Measuring Distance	2m ~ 6m
Minimum Illumination	0Lux(IR=On)
Lens	8mm Fixed Lens with 12.3mm Thermal Module Lens
IR LEDs	3pcs IR LED (30m), with IR cut
Ethernet	RJ-45 (with built-in PoE)
Power	12VDC, Max 9W
Weight	1.18kg
Dimensions (L x W x H)	278.3 x 100.2 x 88.7 mm
Operating Conditions	-20°C ~ +50°C
Specifications*	t 5002
Description	Black Body
Temperature Resolution	0.01°C
Accuracy	±0.1°C
Temperature Stability	±0.1°C/30min
Power	12VDC, Max 25W
Weight	1.05kg
Dimensions (W x H x D)	120.0 x 120.0 x 153.0 mm
Operating Conditions	0°C ~ +40°C
Specifications*	t 5300
Description	Management Server
Decoding Capability	6ch@1080p / 32ch@D1
Channel Access (Max)	256ch
Device Access (Max)	64 NVRs
Power	12VDC, Max 36W
Weight	0.47kg
Dimensions (W x H x D)	154.0 x 120.0 x 30.0 mm
Operating Conditions	0°C ~ +40°C
Specifications*	t 5308
Description	8ch Smart Management Terminal
Camera Inputs	8ch
Video Compression	H.265+ / H.265 / H.264
Decoding Capability	1ch@8MP / 4ch@1080p
Bandwidth	80Mbps (Recording) / 80Mbps (Network)
Storage Capacity	1 x 10TB HDD
Power	48VDC, Max 15W (without HDD and PoE power supply)
Dimensions (W x H x D)	300.0 x 249.0 x 45.0 mm
Operating Conditions	-10°C ~ +50°C

*Specifications are subject to change without prior notice

Ordering Information

Model No.	Description
t 5433	Thermal & Optical IP Bullet Camera
t 5002	Black Body
t 5300	Management Server
t 5308	8ch Smart Management Terminal