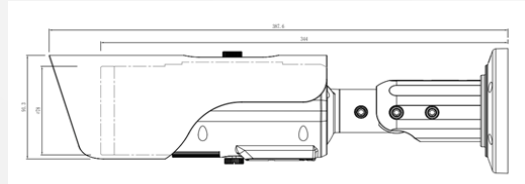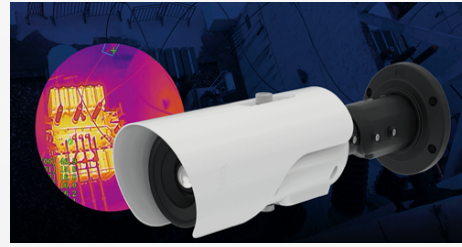# AT-TBS4

Thermal Bullet camera

Feature

- Uncooled Microbolometer sensor with 400(H)x300(V)
- On-board temp-detection algorithm
- NETD Sensitivity ≤40mK
- 8 mm motorized lens(15/25/35/50mm optional)
- Support 3 temperature measurement rule types (Spot, Line, Area)
- 17 color control
- DVE image enhance
- Reliable temperature abnormally alarm
- Anti-frozen, IP66

Thermal Lens	**Thermal Sensor**	Uncooled IRFPA Microbolometer
	Effective Pixel	400(H) X 300(V)
	Pixel size	17μm
	NETD	40mK@F1.0,300K
	Detection Range Fires 1$_x$1m (a) Humans 1.8$_x$0.5m (b) Vehicles 4$_x$1.5m (c)	8mm: 235(a)/235(b)/722(c)m 15mm: 441(a)/441(b)/1353(c)m 25mm: 735(a)/735(b)/2255(c)m 35mm: 1029(a)/1029(b)/3137(c)m 50mm: 1471(a)/1471(b)/4510(c)m
	Focal Length	8mm(15/25/35/50mmm Optional)
	View Angle	8mm H46°xV35°, 15mm H25°xV19°, 25mm H15°xV11°, 35mm H11°xV8°,50mm H7°xV5°
	F Number	F1.0
Temperature Measurement	**Temperature Detection**	3 temperature measurement rule types (20 spots, 2 lines, 16 area)
	Temperature Alarm	Over temperature alarm, Temperature difference alarm
	Accuracy	$\pm$ 2°C/$\pm$ 2%
	Response Time	<30ms
	Temp. measurement range	-40°C~150°C
Video & Audio	**Frame Rate**	Mainstream: Thermal: D1 @25/30fps : Sub Stream: Thermal: CIF @25/30fps
	Bit Rate	Thermal: 100Kbps~6Mbps:sub stream: 100Kbps~6Kbps
	Intelligent video	Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed
	DVE Image Enhance	Support
	Audio	1 audio
Network	**Network protocol**	IPv4/IPv6、HTTP、HTTPS、RTSP/RTP/ RTCP、TCP/U DP、DHCP、DNS、PPPOE、SMTP、SIP、802.l x、DDNS、PPPoE、FTP、SNMP、QOS
	Max on-line users	Max. 10
	Interoperability	Onvif, CGI, SDK
	Browsers	Linux C /windows/ C&C++、Android, IOS
	IP filter	Support
	Streaming Method	Unicast
Interface	**Ethernet**	RJ45 10/ 100
	Alarm	2 alarm input / 2 alarm output
	RS485	Support
	BNC output	Support
	SD slot	Micro SD (Max support up to 128GB)
	Reset Button	Support
General	**Power**	DC12V
	Power consumption	< 5W
	Working Temperature	-30°C~55°C，Humidity 0~ 90% RH
	Storage	0 ~ 90% RH
	Certificate	CE/FCC
	Ingress Protection	IP66
	Dimensions	¢110X388m
	Net Weight	1900g