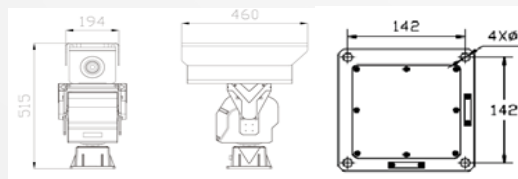# AT-TBS41

Bi-spectrum Stabilized PTZ Thermo Camera

Feature

- Uncooled Microbolometer sensor with 400(H)x300(V)
- On-board temp-detection algorithm
- NETD Sensitivity ≤40mK
- 25 mm motorized lens(50/75/100mm) optional
- Support 3 temperature measurement rule types (Spot, Line, Area)
- 17 color control
- DVE image enhance
- Reliable temperature-abnormal alarm
- Strong wind resistance
- Anti-frozen, IP66

Thermal Lens	Thermal Sensor	Uncooled IRFPA Microbolometer
	Effective Pixel	300(H) X 400(V)
	Pixel size	17μm
	NETD	40mK@F1.0,300K
	Detection Range Fires 1x1m (a) Humans 1.8x0.5m (b) Vehicles 4x1.5m (c)	25mm: 735(a)/735(b)/2255(c)m 50mm: 1471(a)/1471(b)/4510(c)m 75mm: 2206(a)/2206(b)/6765(c)m 100mm: 2941(a)/2941(b)/9020(c)m
	Focal Length	25mm(50/75/100mmm Optional)
	View Angle	25mm H15°xV11°, 50mm H7°xV5°, 75mm H5.1°xV3.8°,100mm H3.8°xV2.9°,
	F number	F1.0
Pan / Tilt	Pan/tilt range	Pan：0°~360°，Tilt：90°~-90°
	Pan/tilt speed	Pan：0.01°~30°/s；Tilt：0.01°~30°/s
	Preset point	400
	Preset accuracy	±01°
	Protocol	Pelco P/ D
Temperature Measurement	Temperature Detection	3 temperature measurement rule types (20 spots, 2 lines, 16 areas)
	Temperature Alarm	Over temperature alarm, Temperature difference alarm
	Accuracy	±2°C/±2%
	Response Time	<30ms
	Theory of temperature measurement range	-40°C~150°C
Video & Audio	Frame Rate	Mainstream: Thermal: D1 @25/30fps ；Sub Stream: Thermal: CIF @25/30fps
	Privacy masking	5 areas
	Bit Rate	Thermal: 100Kbps~6Mbps：sub stream: 100Kbps~6Kbps
	Defog	Support
	Intelligent video	Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed
	DVE Image Enhance	Support
	Audio Compression	G.711, AMR, RAW_PCM (Optional)
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	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
	Audio interface	1 audio
	RS485	Support
	SD slot	Micro SD (Max support up to 128GB)
	Reset Button	Support
General	Power	DC36V
	Power consumption	< 100W
	Working Temperature	--40°C~60°C (-40°F~140°F)，Humidity 0~ 90% RH
	Storage	0 ~ 90% RH
	Certificate	CE/FCC
	Ingress Protection	IP66
	Dimensions	420X 294X 516mm (L x W x H)
	Net Weight	25Kg