

ZS-YS-T

Mini thermometry PTZ camera

ZS-YS-T is equipped to the temperature measurement infrared mini thermal image PTZ camera, compact design for easily integrated to diverse robots.



Intelligent Fire Detection

Based on advanced intelligent algorithm to avoid fire incident.



Perfect Software Access Function

Support kinds of network protocols for easily access third party.



Compact Design

Lightweight min PTZ, more convenient installation.



Raw Data Output

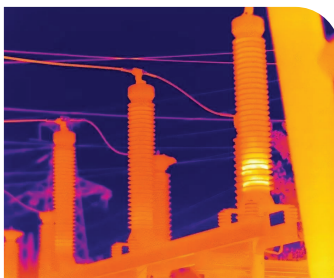
Support temperature measurement RAW data output to be integrated with other device.



Low Power Consumption Design

The whole device consumption is less than 20W.

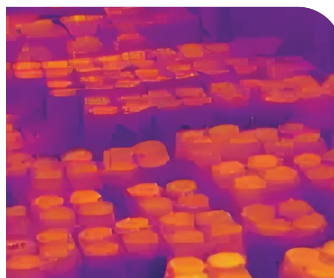
Applications



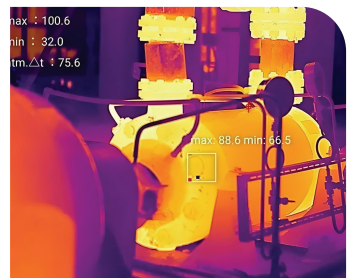
Electricity Inspection



Fire Detection



Warehouse safety



Industrial Inspection

Specifications

Thermal Module		YS3-T			YS6-T	
Detector		VOx Uncooled FPA				
Resolution/Pixel pitch		384x288/17μm			640x480/17μm	
NETD		<50mK@ 25℃				
Spectral range		8-14μm				
Focus Method		Manual/Motorized(auto focus)				
Focal Length		6.6mm (YS3-T)	10mm	15mm	19mm	25mm
FOV	YS3-T	52.6°40.7	37.5°28.6	24.5°18.5	19.4°14.6	14.8°11.1
	YS6-T	/	59°46	39.8°30.4	31.9°24.2	24.5°18.5
Image adjustment		Auto/Manual adjustment for contrast ratio & brightness & acutance				
Uniformity correction		Auto/Manual shutter correction				
Optical Module						
Image Sensor		1/2.8” Progressive Scan CMOS				
Resolution		1920(H)×1080(V)				
Focal Length&Zoom		5.1-127.5mm, 25X				
FOV		51.69-3.66(wide to narrow)				
IR Range		Without				
Image Effect						
Thermal image process		AGC, IDE,3DNR,HDR				
Color Palette		Optional 9 color palettes(rust, rainbow, white/black, etc.)				
Temperature measurement						
Temperature Range		-20℃~+ 400℃				
Temperature Accuracy		± 2℃				
Temperature Measurement		Multiple temperature measurement rule types (points, areas, lines etc).				
PTZ						
Movement range		Pan:360° continuous; Tilt:-90°~+90°				
Presets		200				
Auto Horizontal Scan		Preset patrol / Auto line scanning & etc				

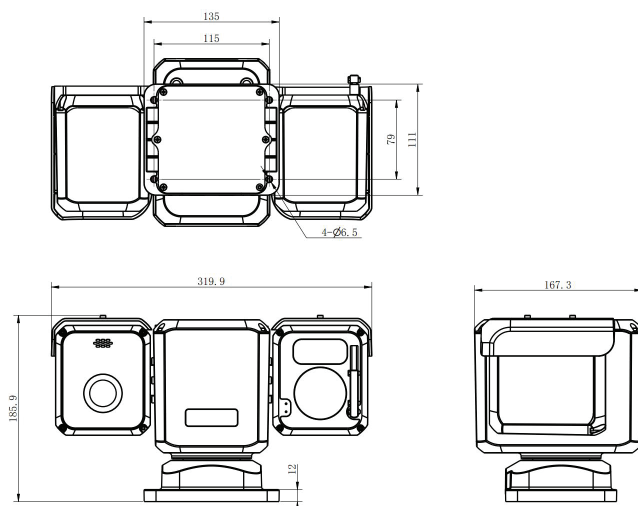
Video and Audio

Video Compression	H.264 / H.265	
Main-Stream (Visible)	1920*1080,1280*960,1280*720	
Sub-stream (Visible)	1280*720,640*480,352*288	
Main-Stream (Thermal)	720*576	640*480
Sub-stream (Thermal)	352*288	352*288
Audio compression	G.711	
Network		
Protocols	TCP/IP,ICMP,HTTP,DHCP,DNS,RTP,RTSP,RTCP,IGMP,802.1X ,ONVIF(ProfileS)	
API	SDK, third-party management platform, ONVIF	
Common function	Hearbet, password protection, multi-user access control	
Security	Support password protection, bonding MAC ID, IP filtration	
Simultaneous Live View	10 channels	
User/Host level	Up to 10 users, 3 levels: Administrator, Operator, General	

General

Alarm	1x ch input, 1x ch output
Audio	1x ch input, 1x ch output
Serial port	1x ch RS485
Communication Interface	RJ45 10M/100M/1000M self-adaptive Ethernet
Storage	Micro-SD(FT), up to 64GB
Power Supply	DC9--36V,5A
Power Consumption	<20W
Work Temperature/ Humidity	-20°C~+60°C, <90%RH
Storage temperature	-45°C ~ +75°C
Protection	IP66
Reliability	TVS 6000V lightning protection, surge protection, voltage transient protection
Material	Aluminium alloy
Dimension	168mm*320mm*186mm
Weight	<5.5Kg
Optional	
Wireless	WiFi module

Dimension



ThermTec Technology Co., Ltd.
 Email: info@thermeyerotec.com
 Website: <https://www.thermeyerotec.com>