

ZS-Y-T

Vehicle-mounted thermometry PTZ camera

ZS-Y-T is equipped to the temperature measurement infrared thermal image PTZ camera, it is more compatible level with motorized lens up to 50mm, electricity inspection, fire protection and industrial inspection etc.



Intelligent Fire Detection

Based on advanced intelligent algorithm to avoid fire incident.



High Anti-Shock Level

More suitable for vehicle to be used with stable image quality.



Perfect Software Access Function

Support kinds of network protocols and temperature measurement raw data for easily access third party.



Excellent Anti-Interference Performance

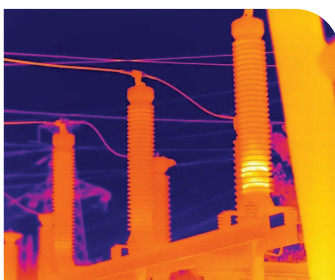
Standard EMC testing, suitable for some of high interference scene like the transformer substation etc.



Compact Structure

Lightweight PTZ camera, more convenient installation.

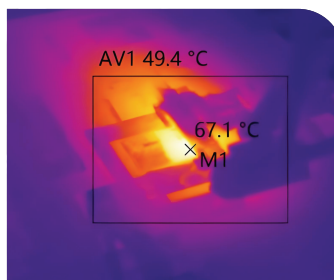
Applications



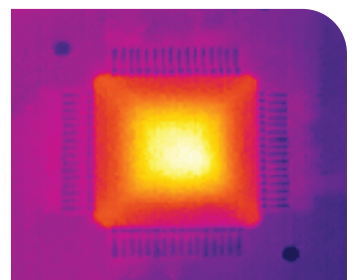
Electricity Inspection



Fire Detection



Temperature Measurement



Industrial Inspection

Specifications

Thermal Module		Y3-T		Y6-T
Detector		VOx Uncooled FPA		
Resolution/Pixel pitch		384x288/17μm		640x480/17μm
NETD		<50mK@ 25°C		
Spectral range		8-14μm		
Focus Method		Manual/Motorized(auto focus)		
Focal Length		25mm	40mm	50mm
FOV	Y3-T	14.8°*11.1	9.3°*7	7.4°*5.6
	Y6-T	24.5°*18.5	15.8°*11.6	12.4°*9.3
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°C~+ 400°C		
Temperature Accuracy		± 2°C		
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		

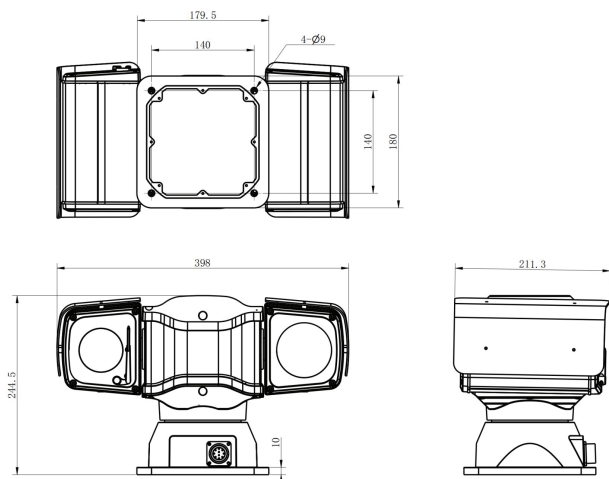
Network

Protocols	TCP/IP,ICMP,HTTP,DHCP,DNS,RTP,RTSP,RTCP,IGMP,802.1 X,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	DC12V,3A		
Power Consumption	<30W		
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	212mm*398mm*245mm		
Weight	<7Kg		

Dimension



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