



ZS-QS Series

Dual Spectrum High Speed PTZ Camera

It is equipped to the new generation AI behavior analysis algorithm, embedded infrared illuminators and fire detection, motorized lens focal length up to 25mm.



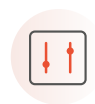
Intelligent Fire Detection

Based on new generation advanced intelligent algorithm to avoid fire incident in advance.



High Sensitivity Infrared Sensor

Built-in high sensitivity infrared thermal image detector, resolution up to 640*512 which can realize clear infrared images without any light.



Perfect Software Access Capacity

Support kinds of network protocols for easily access third party VMS.



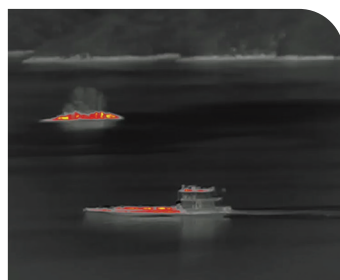
Multiple Focal Lengths Using

Thermal image lens type which includes manual or motorized lens to be chosen, and the housing space up to 25mm motorized lens.

Applications



Perimeter protection



Vessel detection



Traffic safety



Fire detection

Specifications

Thermal Module		QS3		QS6	
Detector		VOx Uncooled FPA			
Resolution/Pixel pitch		384x288/12μm		640x512/12μm	
NETD		≤35mK@ 25°C			
Spectral range		8-14μm			
Focus Method		Manual/Motorized(auto focus)			
Focal Length		9.1mm	13mm	19mm	25mm
FOV	QG3	28.1°x 21.1°	19.7°x 14.8°	13.5°x 10.1°	10.2°x 7.7°
	QG6	45.7°x 37.3°	32.9°x 26.5°	22.8°x 18.3°	17.4°x 14°
Image adjustment		Auto/Manual adjustment for contrast ratio & brightness & acutance			
Uniformity correction		Auto/Manual shutter, background correction			

Optical Module

Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	2592× 1944
Focal Length&Zoom	5.1-153mm, 30X
FOV	51.87°to 2.48° (wide to narrow)
IR Range	50m
Min. Illumination	Color: 0.0005 Lux @(F1.5 AGC ON), B/W: 0.00001 Lux @(F1.5 AGC ON)

Image Effect

Thermal image process	AGC, IDE
Color Palette	Optional 10 color palettes(rust, rainbow, white/black, etc.)

Smart Function

VCA	motion detection, cross line, intrusion, area entry and exit
Fire Detection	Support

PTZ

Movement range	Pan:360° continuous; Tilt:-25°~+90°
Presets	200
Power Off Memory	Support
Pan speed	0.01°~200°/s
Tilt speed	0.01°~120°/s
Auto Horizontal Scan	Preset patrol / Auto line scanning & etc

Video and Audio

Video Compression	H.264 / H.265		
Main-Stream (Visible)	2688*1520,2560*1440,1920*1080,1280*960,1280*720		
Sub-stream (Visible)	1280*720,640*480,352*288		
Main-Stream (Thermal)	1920*1080, 1280*1024, 640*512	1920*1080, 1280*1024, 640*512	
Sub-stream (Thermal)	640*512	640*512	
Audio compression	G.711		

Network

Protocols	IPv4/IPv6,HTTP,HTTPS,,FTP,DNS,NTP,RTSP,TCP,UDP, DHCP
API	ISAPI,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 9 users, 3 levels: Administrator, Operator, General
Web Browser	Google Kernel Browser, Edge

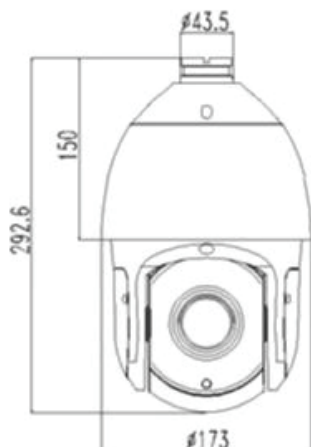
Interface

Alarm	1x ch input, 1x ch output
Audio	1x ch input, 1x ch output
Serial port	1x ch RS485
Communication Interface	RJ45 10 M/100 M self-adaptive Ethernet
Storage	Micro SD

General

Web Client Language	English
Power Supply	DC12V
Power Consumption	<20W
Work Temperature/ Humidity	-20°C~+60°C (customized -40°C), <90%RH
Storage temperature	-45°C ~ +75°C
Protection	IP66
Reliability	TVS 6000V lightning protection, surge protection, voltage transient protection
Dimension	Ø173mm*293mm
Weight	<3.5Kg

Dimension



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