



ZS-YS Series

Dual Spectrum mini PTZ Camera

There is a new generation AI behavior analysis algorithm integration, rapid speed rotation and stable image output on the running vehicle & vessel at the anytime, embedded infrared illuminators and wiper.



Light Weight Design

Compact size & lightweight PTZ, easy installation.



Offset Self-Correction

Equipped with self-locking position function under the external interference.



Perfect Software Access Capacity

Support kinds of network protocols for easy access third party.



Multiple Focal Lengths Using

Thermal image lens type which includes manual or motorized lens to be choosed. The housing space up to 35mm motorized lens.



Electronic Image Stabilizing Technology

Powerful image stabilization function suitable for multiple vehicle and vessel.

Applications



Perimeter fence



Vehicle mounted detection



New energy charging



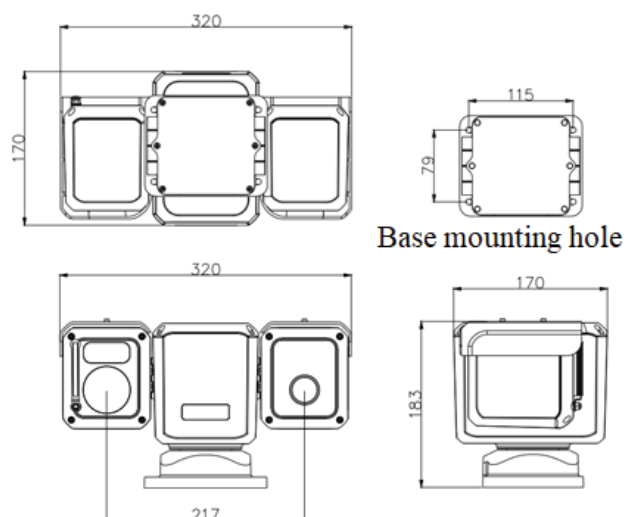
Electric system

Specifications

Thermal Module		YS3			YS6	
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		7mm	10mm	17mm	25mm	35mm
FOV	YS3	36.4°x 27.7°	25.9°x 19.6°	15.4°x 11.6°	10.5°x 7.9°	7.5°x 5.6°
	YS6	/	42°x 34°	25.4°x 20.4°	17.4°x 14°	12.5°x 10°
Image adjustment		Auto/Manual adjustment for contrast ratio & brightness & acutance				
Uniformity correction		Auto/Manual shutter, background corrextion				
Optical Module						
Image Sensor		1/1.8” Progressive Scan CMOS				
Resolution		2688*1520				
Focal Length&Zoom		7.1-213mm, 30x optical zoom				
FOV		57.62°to 3.92° (wide to narrow)				
Image Effect						
Thermal image process		AGC, IDE				
Color Palette		Optional 11 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: -90°~+90°				
Presets		200				
Power Off Memory		Support				

Pan speed	0.1°~100°/s
Tilt speed	0.1°~80°/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
Sub-stream (Thermal)	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	Embedded EMMC 16GB
General	
Web Client	English
Language	English
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
Dimension	168mm*320mm*186mm
Weight	<5.5Kg

Dimension



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