

ZS-E Series

Middle & Long Distance Dual Spectrum PTZ Camera

There is equipped to the brushless DC serving motor for more accurate preset up to 0.1° , new generation AI behavior analysis algorithm and fire detection, optional wiper, thermal image lens up to 100mm.



High Accuracy PTZ Structure

Equipped absolute-position encoder, which can insure accurate presetting without self-inspection anytime as never before.



Low Power Consumption

Dual spectrum PTZ camera with its power consumption less than 15w, suitable for solar panels and wind power generation.



Perfect Software Access Capacity

Support kinds of network protocols for easily access third party.



Multiple Focal Lengths Using

Thermal image lens type which includes manual or motorized lens to be chosen. The housing space up to 100mm motorized lens.

Applications



Agricultural monitoring



Fire Detection



Airport security



Electric power

Specifications

Thermal Module	E3	E6
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	75mm	100mm
FOV	E3	3.5°x 2.6°
	E6	5.8°x 4.7°
Image adjustment	Auto/Manual adjustment for contrast ratio & brightness & acutance	
Uniformity correction	Auto/Manual shutter, background correction	

Optical Module

Image Sensor	1/1.8" Progressive Scan CMOS
Resolution	2688*1520
Focal Length&Zoom	6.6-264mm, 40X
FOV	57.62°to 2.95°(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: -70°~+45°
Presets	200
Power Off Memory	Support
Pan speed	0.4°~40°/s
Tilt speed	0.2°~10°/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

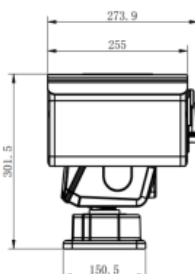
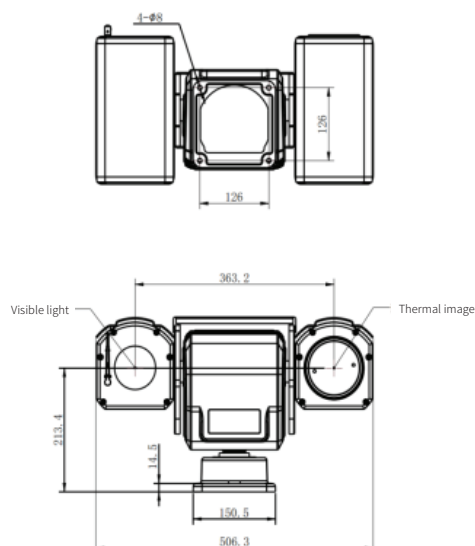
Interface

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	Embedded EMMC 16GB

General

Web Client Language	English
Manual wiper	Optional
Power Supply	DC24V,5A
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	506mmx274mmx301mm
Weight	<20Kg

Dimension



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