



ZS-CC Series

Dual Spectrum 6-inch PTZ Camera

Built-in high sensitivity infrared thermal camera which can realize clear infrared images without any light. It is specially perfect vessel or vehicle detection in dark night.



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 camera, 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.



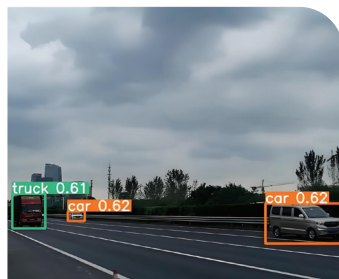
Multiple Focal Lengths Using

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

Applications



Traffic enforcement



Vehicle detection



Robotic integration



Patrol vessel detection

Specifications

Thermal Module		CC3		CC6		
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(CC3 only)	10mm	17mm	25mm	35mm
FOV	CC3	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°
	CC6	/	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 correction				

Optical Module

Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	2688*1520
Focal Length&Zoom	7.1-213mm, 30X
FOV	57.62°to 3.92°
IR Range	30m

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: -30°~+90°
Presets	200
Power Off Memory	Support
Pan speed	0.01°~180°/s
Tilt speed	0.01°~60°/s

Auto Horizontal Scan	Preset patrol / Auto line scanning & etc
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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)	1920*1080, 1280*1024, 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

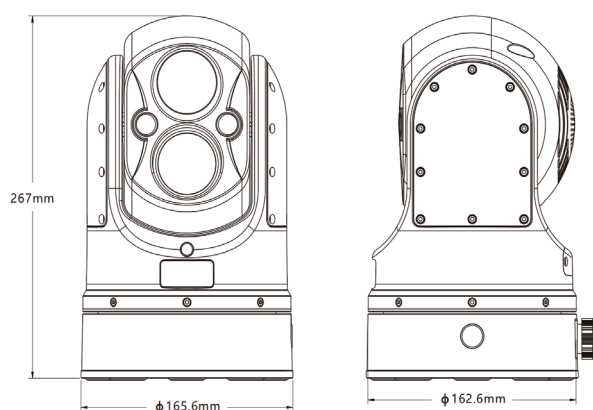
Interface

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
WiFi	Optional
Embedded battery	Optional (totally 9 pcs 18650,120Wh)
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
Dimension	φ165.6mmx267mm
Weight	<5Kg

Dimension



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