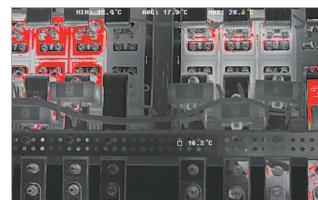
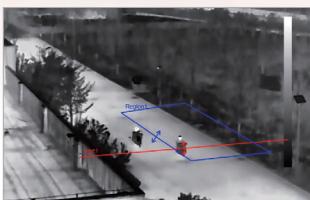


FC4 Series

Dual-Spectrum Bullet Camera

FC4T dual-spectrum bullet camera equipped a high-resolution, 12μm pixel pitch thermal detector with various lens options, and a 5MP visible light sensor. It supports tripwire/intrusion detection and it integrated temperature analysis methods and fire detection function. It can be used for perimeter protection and fire prevention in residential areas and commercial facilities.



12μm Uncooled Infrared Detector

Adopting the latest 12μm uncooled infrared detectors, integrated with advanced infrared imaging algorithms for better image quality.

Accurate Temperature Measurement

Measurement range from -20°C to 550°C, accuracy $\pm 2^\circ\text{C}$ or 2%.

Intelligent Alarm

Supports alarm linkage.

Dual-Spectrum Imaging

All-weather, 24/7 security monitoring with dual thermal&visible light imaging.

Intelligent Video Analysis

Support tripwire/intrusion detection, as well as intelligent detection of fire point.

Platform Integration

Support ONVIF, provide SDK&demo for development; provide NVR and VMS software for application.

Specifications

Technical Specifications	FC435T				FC465T			
	Thermal Module							
Detector Type	VOx, uncooled FPA detector							
Spectral Range	8~14μm							
NETD	≤40mK(@25°C,F#1.0,25Hz)							
Resolution	384×288				640×512			
Pixel Pitch	12μm							
Focal Length	9.1mm	13mm	19mm	25mm	9.1mm	13mm	19mm	25mm
	Optical Module							
Sensor	5MP 1/2.8" Progressive Scan CMOS							
Focal Length	6mm	6mm	12mm	12mm	4mm	6mm	6mm	12mm
IR Distance	40m							
	Dual-Spectrum							
Bi-Spectrum Image Fusion	Support							
Picture in Picture	Support							
	Temperature Measurement							
Measurement Range	-20°C~ +550°C							
Measurement Accuracy	±2°C or ±2%							
Measurement Rules	Support 4 temperature measurement rules(fullframe, point, line, area)							
	Smart Function							
Fire Detection	Support							
VCA	Support Line crossing&Intrusion detection							
2-Way Audio	Support							
Linkage Action	Video/ Snapshot/Email/Alarm output/sound and light alarm							
	System Interface							
Power	DC 12V±25% / POE(802.3at)							
Network	1×RJ45 10M/100M self-adaptive interface							
Audio Input	1×input							
Audio Output	1×output							
Alarm Input	2×input							
Alarm Output	2×output							
Storage Interface	Micro SD card (up to 256G)							
Reset Button	Support							
RS485 Interface	1×RS485							
	General							
Work Environment	-40°C~ +70°C; <95%RH							
Protection	IP66							
Certification	CE, ROHS, CE-EMC Test Report, FIPS 140-3 Level 3							
Power Consumption	≤8W							
Dimensions (mm)	319.5×121.5×103.6							
Weight	≤1.8kg							

Application Scenarios



Perimeter Protection



Charging Pile



Warehouse Security



Power Monitoring

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▪ This manual is illustrative only. Technical specifications are subject to change without prior notice.