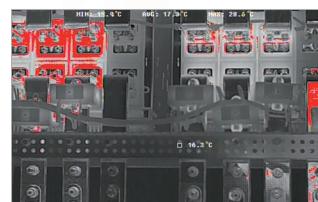
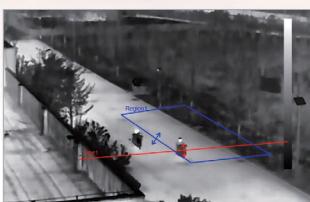


# FC4 Series

## 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.