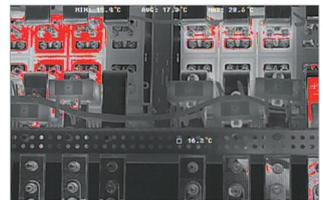
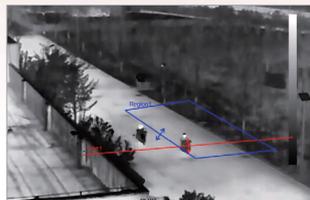




# FC4 Series

## Dual-Spectrum Bullet Camera

FC4T dual-spectrum bullet camera equipped a high-resolution, 12 $\mu$ m 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.



### 12 $\mu$ m Uncooled Infrared Detector

Adopting the latest 12 $\mu$ m 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					
	<b>Thermal Module</b>									
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	35mm	
	<b>Optical Module</b>									
Sensor	5MP 1/2.8" Progressive Scan CMOS									
Focal Length	6mm	6mm	12mm	12mm	4mm	6mm	6mm	12mm	12mm	
IR Distance	40m									
	<b>Dual-Spectrum</b>									
Bi-Spectrum Image Fusion	Support									
Picture in Picture	Support									
	<b>Temperature Measurement</b>									
Measurement Range	-20°C~ +550°C									
Measurement Accuracy	±2°C or ±2%									
Measurement Rules	Support 4 temperature measurement rules(fullframe, point, line, area)									
	<b>Smart Function</b>									
Fire Detection	Support									
VCA	Support Line crossing&Intrusion detection									
2-Way Audio	Support									
Linkage Action	Video/ Snapshot/Email/Alarm output/sound and light alarm									
	<b>System Interface</b>									
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									
	<b>General</b>									
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.