



FC4 Series

Observation Thermal Bullet Camera

FC4A thermal bullet camera equipped a 640×512 , $12\mu\text{m}$ pixel pitch thermal detector with a focal length up to 35mm/55mm. It supports tripwire/intrusion detection. It can be used for perimeter protection in critical facilities.



12 μm Uncooled Infrared Detector

Adopting the latest $12\mu\text{m}$ uncooled infrared detectors, integrated with advanced infrared imaging algorithms for better image quality.

Long-Range Detection

Supports 35mm/55mm fixed-focus infrared lenses to meet long-range detection needs.

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	FC460A
Thermal Module	
Detector Type	VOx, uncooled FPA detector
Spectral Range	8~14μm
NETD	≤40mK(@25°C,F#1.0,50Hz)
Resolution	640×512
Pixel Pitch	12μm
Focal Length	35mm/55mm
Smart Function	
Fire Detection	Support
VCA	Support Line crossing&Intrusion detection
2-Way Audio	Support
Linkage Action	Video/ Snapshot/Email
System Interface	
Power	DC 12V±25% / PoE(802.3af)
Network	1×RJ45 10M/100M self-adaptive interface
Audio Input	1×input
Audio Output	1×output
Storage Interface	Micro SD card (up to 256G)
Reset Button	Support
RS485 Interface	1×RS485
General	
Work Environment	-40°C~+60°C; <95%RH
Protection	IP66
Power Consumption	≤4W
Dimensions (mm)	334.7×121.5×104.4
Weight	≤1.5kg

Application Scenarios



Perimeter Surveillance



Urban High-Altitude Surveillance



Critical Infrastructure Protection



River Monitoring

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