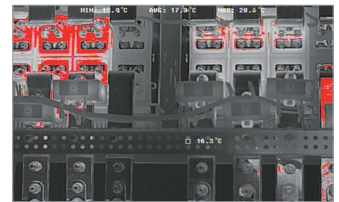
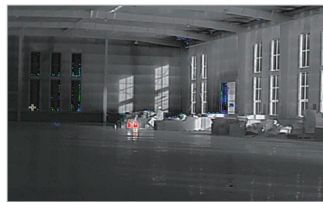
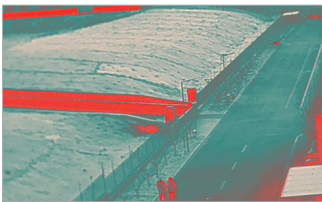


IRS FB4 series Thermal Network Bullet Camera

IRS-FB4 series thermal network camera integrates monitoring function and thermal temperature measurement function. Based on the AI algorithm, the camera is able to detect line crossing, intrusion and region entrance/exit and various measurement rules can be set. With multi-focal length lens optional, it can be widely used for perimeter prevention, industrial temperature measurement, fire prevention in warehouse or gas station.



12 μ m VOx Uncooled Detector

Equipped with new generation InfiRay® 12 μ m uncooled Vox detector to provide advanced thermal image quality

High Accuracy

-20°C~+550°C measure range, $\pm 2^{\circ}\text{C}$ accuracy with various measurement rules

Smart Video Analysis

Support Line Crossing, Intrusion detection, support fire point detection

High Compatibility

Provides NVR and VMS client, support ONVIF, provides SDK for development

Product Specifications

Technical Specifications	IRS-FB430-T					IRS-FB460-T				
	Thermal									
Detector type	VOx, uncooled FPA detectors									
Spectral range	8~14μm									
NETD	≤40mK(@25°C,F#1.0,25Hz)									
Resolution	384×288					640×512				
Pixel size	12μm									
Focal length	9.1mm	13mm	19mm	25mm	9.1mm	13mm	19mm	25mm	35mm	
	Temperature Measurement									
Measuring range	-20°C ~ +550°C									
Measuring accuracy	±2°C or ±2% (The larger value shall prevail)									
Measurement rules	Support temperature measurement tools such as full frame, spot, line, region and linkage alerts									
	Smart Function									
Fire detection	Support fire detection									
VCA	Line crossing / Intrusion detection									
Alarm action	Record / Snapshot / E-mail / Alarm output									
Two-way talk	Support two-way talk									
	System Interfaces									
Power	DC 12V±25% / POE(802.3at)									
Network	1×RJ45 10M/100M self-adaptive interface									
RS485	1×RS485, support Pelco									
Audio input	1×audio in									
Audio output	1×audio out									
Alarm input	2× alarm input									
Alarm output	2× alarm output									
Storage interface	Support Micro SD (max. 256G)									
	General									
Work temperature	-40°C ~ +70°C; <95%RH									
Protection	IP66									
Power consumption	≤4W									
Dimension (mm)	319.5×121.5×103.6mm									
Weight	≤1.5kg									

Application



Industrial temperature measurement



Electrical equipment monitoring



Fire prevention



Perimeter surveillance

About Iraytek

IRay Technology concentrates on developing infrared thermal imaging technologies and manufacturing relevant products, with completely independent intellectual property rights. IRay is committed to providing global customers with professional and competitive infrared thermal imaging products and solutions. The main products include IRFPA detectors, thermal imaging modules, and terminal thermal cameras and imagers.

With R&D personnel accounts for 48% of all employees, 2030 intellectual property projects in terms of IRay have been authorized and accepted: 1299 patented technologies authorized and accepted in China (including those for integrated circuit chips, MEMS sensors design and manufacture, Matrix IV image algorithms, AI-Temp intelligent precise temperature measurement algorithms, IR-Pilot AI infrared smart driving solutions, etc.); 278 trade mark applications in China; 47 patents and patent applications overseas; 133 trade mark applications overseas; 215 software copyrights; and 58 integrated circuit layout designs.

IRay products have been applied in various fields, including industrial thermography, night vision observation, AI, machine vision, automatic driving, security and fire control, Internet of Things, and epidemic prevention and control.



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