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Dual-spectrum Intelligent Thermal Imaging Bullet Camera

IRS-FB432 is a network thermal camera for security and monitoring that integrates thermal camera and visible light camera. The thermal camera resolution is up to 110,000 pixels and the visible light camera resolution is 2,000,000 pixels.

InfiRay® Infrared Core Engine Helps Intelligent Fire Control | InfiRay Thermal Camera for Security



Thermal camera resolution: 384×288

Pixel pitch: 12μm

Visible light camera resolution: 1920×1080

Applicable scenarios: Perimeter prevention, Fire alarm, Warehouse fire prevention, Indoor and outdoor environment monitoring

Model	IRS-FB432	
Thermal Camera Specifications		
Detector Type	VOx Uncooled IRFPA detector	
Max. Image Size	384×288	
Pixel Pitch	12μm	
Spectral Band	8~14μm	
NETD	≤ 40mk (@25°C, F#=1.0)	
Focal Length	9.7mm	13mm
FOV	37.9°×28.7°	20.1°×15.1°
IFOV	1.753mrad	1.308mrad
Color Palette	Black hot/White hot/Iron red/Rainbow/... Various palettes optional (18 modes in total)	
Dual-spectrum Fusion	Support dual-spectrum fusion enhancement	

Visible Light Specifications	
Sensor	1/2.7" 2,000,000-pixel high-performance CMOS
Resolution	1920×1080
Focal Length	6mm
White Balance	Support
Day-night Switching	IR-CUT auto switching
Digital Denoising	3D denoising
Light Compensation Function	Infrared compensation, range>30m
Network Parameters	
Network Protocols	TCP,UDP, ICMP,RTP,RTSP,DHCP,PPPOE,UPNP,DDNS, ONVIF,802.1x,FTP
Synchronized preview channels	6
User Rights	Three levels of user rights: administrator, senior operator, user
Safe Mode	Authorized user name and password
Video Compression Standard	H.264/H.265
Audio Compression Standard	G.711u/ G.722
Video Parameters	
Max. Image Size	1920×1080 (visible light camera)
	384×288 (thermal camera)
Main Stream Image	Visible Light Camera:
	50Hz: 25fps (1920×1080), 25fps (1280×720)
	60Hz: 30fps (1920×1080), 30fps (1280×720)
	Thermal Camera:
	50Hz: 25fps (384×288)
	60Hz: 30fps (384×288)
Sub stream Image	Visible Light Camera:
	50Hz: 25fps (704×576), 25fps (352×288)
	60Hz: 30fps (704×480), 30fps (352×240)
	Thermal Camera:
	50Hz: 25fps (384×288)
	60Hz: 30fps (384×288)
Intelligent Functions	
Fire Point Detection	Support
Intelligent Alarm	Support linkage alarm of network cable break, IP address conflict, memory full, memory error
Intelligent Detection	Cross border detection, entry detection, exit detection, and abandoned object detection
System Integration	
Communication Interface	One RJ45 10M / 100M self-adaptive, one RS485

Audio Input	1 linear input
Audio Output	1 linear output
Alarm Input	2 channels
Alarm Output	1 channel
Video Output	1 analog video output, supporting CVBS
Storage Interface	Support Micro SD card (up to 64G)
General Specifications	
Operating Temperature and Humidity	-40°C~+70°C, RH<95%
IP Grade	IP66
Power Supply	DC12V±25% / PoE
Power Consumption	≤8W
Size	319.5mm×121.5mm×103.6mm
Weight	≤1.8kg

Product consulting

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Address:11th Guiyang Street, YEDA,Yantai 264006,P.R.China

IMAGERS

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[Rico Thermal Scope \(/Rico.html\)](/Rico.html)

[Tube Thermal Scope \(/Tube.html\)](/Tube.html)

[Dual spectrum thermal imager \(/xfusethermalimager.html\)](/xfusethermalimager.html)

[online monitoring thermal camera \(/A8thermalcamera.html\)](/A8thermalcamera.html)

MODULES

[Micro III Thermal Imaging Module \(/Micro3thermalmodule.html\)](/Micro3thermalmodule.html)

[Mini Thermal Imaging Module \(/Mini.html\)](/Mini.html)

[LT Temperature Measurement Module \(/LTthermalmodule.html\)](/LTthermalmodule.html)

[FT Alarming Thermal Imaging Module \(/FTthermalmodule.html\)](/FTthermalmodule.html)

[Phoenix Cooled MWIR Imaging Module \(/phoenixthermalmodule.html\)](/phoenixthermalmodule.html)

APPLICATIONS

[Infrared Thermography \(/gycw.html\)](/gycw.html)

[Security Thermal Camera \(/aqjk.html\)](/aqjk.html)

[Night Vision \(/hwyd.html\)](/hwyd.html)

[UAV Thermal Module \(/wrjzh.html\)](/wrjzh.html)

[Smart Phone \(/zhsh.html\)](/zhsh.html)

[Automotive Thermal Camera \(/qcys.html\)](/qcys.html)

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