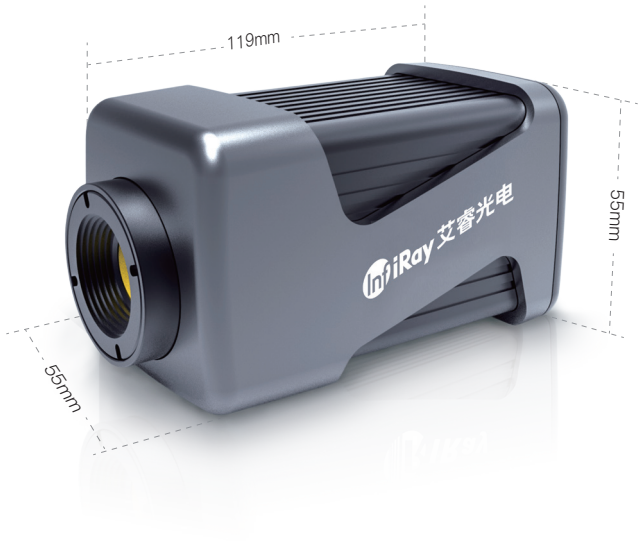
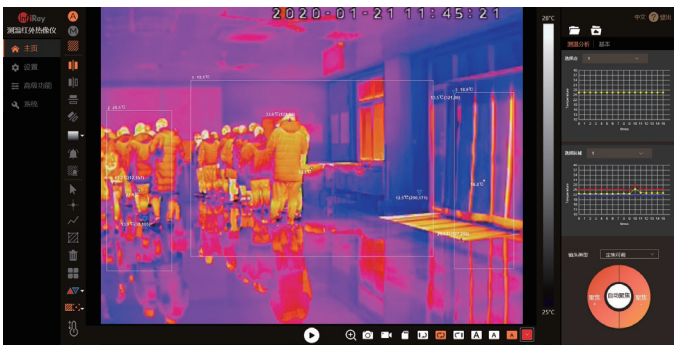
AT300/600

Precise Temperature Measurement

Thermal Imager



- Frequency 50Hz, Gigabit network: support temperature data transmitting realtime
- Auto focus, fast and precise temperature measuring
- Spot/line/area/isotherm analysis tools, simpler and more flexible to retrieve temperature data
- Compact size: easily install in small spzce
- Support multi-protocols: TCP, UDP, ICMP, DHCP, RTSP
- Patented intelligent compensated temperature measurement algorithm: accuracy of ±0.3℃



±0.3°C
Measurement accuracy

Motorized wide-angle lens

640*512
Professional image quality

POE
POE support

Auto focus

Multi-lenses option

Professional analysis software

SDK
SDK support

AT Specification

Mode		AT600	AT300
Specification			
Detector		VOx uncooled thermal FPA	
Resolution		640×512	384×288
Temperature Measurement			
Measurement range		0℃～60℃	
Accuracy		±0.3℃@ 33℃~42℃ of target temperature	
Flux		>100 people/minute	
Measurement mode		Intelligent human face tracking and measuring	
High temperature alarm		Pop out window, audible alarm, capture alarm	
Connector			
Network Protocol		TCP, UDP, ICMP, IGMP, DHCP, RTSP	
Network connector		RJ45	
Lens			
Focal length		15mm	7.8mm
Focus		Auto focus/manual focus	
Power supply			
Network	Power voltage	10~36V DC	
	@25℃ Typical consumption	≤3.3W	≤3W
	Power protection	Support over-voltage, under-voltage, reverse connection protection	
	POE	Support	
Physical character			
Dimension		55×55×119(mm) (length×width×height)	
Environment Adaptation			
Working temperature		-10℃～+60℃	
Storange temperature		-20℃～+65℃	
Shock		30g, 11ms, all axes	
Vibration		4.3grandom vibration, all axes	
Humidity		5~95%, non-condensing	
Software Support			
SDK		Support	
Professional analysis software		Support	

Company Information

IRay Technology Co., Ltd. is a wholly-owned subsidiary of Raytron Technology Co., Ltd. (SSE: 688002). As a high-tech enterprise, IRay Technology develops and manufactures infrared FPA detectors, thermal imaging modules, and other products, with completely independent intellectual property rights. We are committed to providing global customers with professional thermal imaging products and solutions. The main products include IRFPA detectors, thermal imaging cores, and terminal products for application.

With R&D personnel accounts for 51% of all employees, IRay Technology owns 311 patented technologies in multiple fields, such as the development of integrated circuit, the design and manufacture of MEMS sensor, and Matrix III image processing algorithms.

IRay products have been applied in various fields, such as aerospace, disease control and prevention, industrial temperature measurement, intelligent surveillance, outdoor observation, ADAS, AIoT, AI, and machine vision.

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