Model		C200H
Thermographic Module	IR Resolution	256×192
	Pixel Pitch	12μm
	NETD	<50mK
	Lens	3.2mm
	FOV	56°×42.2°
	IFOV	3.8mrad
	Focusing	Fixed
Thermography	Measuring Tools	Center Spot / Hot Spot / Cold Spot
	Measuring Range	30°C~45°C
	Measuring Accuracy	±0.5°C
	Temperature Unit	°C、°F、K
	IR Temperature Resolution	0.1°C（0.2°F）
	Emissivity Correction	0.01~1.0 Adjustable
System Functions	Digital Camera Resolution	640×480
	Illumination	LED Lights
	Image Mode	Thermal , Thermal Fusion, PIP（picture-in-picture），Digital Camera
	Palette	White Hot, Black Hot, Iron, Lava，Rainbow, Rainbow HC, Black Red
	Temperature Alarm	Full Frame Max. Temperature and Min. Temperature Alarm
	Snapshot	Snapshot with Temperature Data
	Save Snapshot	Manual/Auto
	PC Analysis Software	Support
	Display	2.8LCD （320×240）
	SD Card	16GB MicroSD Card
	Battery Type	Rechargeable Li-battery
	Power Interface	USB Direct Charge Type-C
	Charging Time	About 4H @ Power off
	Battery Life	＞11H (Under room temperature, low screen brightness)
	Power Management	Adjustable (Automatic shutdown, 5 Minutes, 10 Minutes, 20 Minutes)
Other	Tripod Support	Support (at the Bottom of the Handle)
	Operating Temperature	10°C~+50°C
	Storage Temperature	-20°C~+60°C
	Humidity	10% ~95%, Non-condensing
	Enclosure Protection	IP54, 2m Drop
	Size（L×W×H）	237×75×92mm
	Weight	520g
	Accessories	USB Cable, 16GB SD Card, Documentation

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

IRay Technology

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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BACK TO WORK SAFE AND EASY

InfiRay® C200H Handheld Thermal Camera

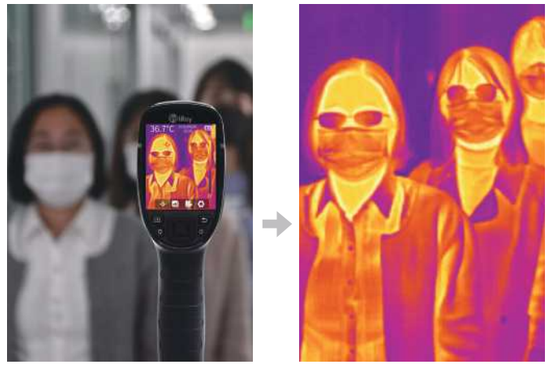
C200H

Fast & non-contact fever screening，ideal device to protect you, your business & public health, efficiently and cost effectively.

Non-Contact，Ultra Accurate

With InfiRay's advanced infrared technology, C200H can protect you from cross infection caused by traditional body temperature measurement.

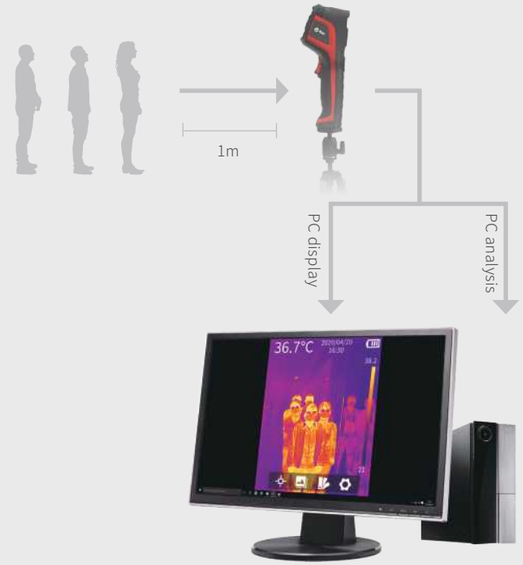
- 256×192 Res. discrete, efficient and effective
- **±0.5℃** ultra accuracy, designed for accurate fever screening
- **1m+**（3 feet+）safe detection distance, keep your social distance in control



Traceable

C200H is designed with smart features like automatic snapshot, when detecting body temperature higher than 37.3°C(99.1°F)，a picture could be taken automatically and the alarm will be triggered.

- Build-in digital camera, automatic snapshot if fever is detected
- Double alarm, LED flash/ PC sound alarm
- **Live-view with external PC display support**
- PC analysis tools for detailed analysis



(Tripods and Windows PC not included)

Easy to Deploy

InfiRay® also made the C200H a very affordable, and easy-to-use thermal camera for you.

- Ultra affordable. Limited budget? Not a problem
- 11hr battery life, deploy-able without power supply
- USB Type-C connector, support 7×24 non-stop screening
- Focus free, settings free, ready to use out-of-the-box
- Dual mode, suitable for both hand-held patrol & fixed tripod

Suitable for

Company

Schools

Hospitals

Public Services Departments