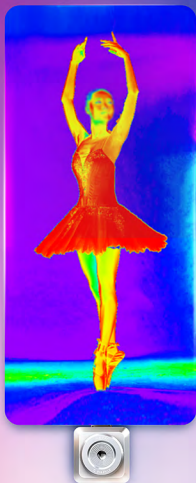




\$299 InfiRay® New Generation

Smart Phone Thermal Camera

T2L



Ultra Clear

12 μ m 256 \times 192

25Hz High Frame Rate

American Quarter Size

Weight 18g

$\leq 0.35W$

Strong Battery Life

Exclusive Algorithm

-20°C~+120°C

Auto Hot Spot Tracing

Provide SDK

MATRIX III

Accurate Measurement

Multi-target

Easy to Integrate

Description

T2L adopts InfiRay® high-performance infrared detector with a small size, light weight, low power consumption, and strong performance. After connecting to the mobile phone, it is plug and play to open the new infrared vision. It can be widely used in various application scenarios, such as professional detection of instruments/meters/circuits, home detection of moisture leakage/wall cracking/floor heating fault, and hotel hidden camera detection.



Specifications

Model	T2L
Resolution	256×192
Pixel Pitch	12μm
Focus Mode	Manual
Frame Rate	25Hz
Operating Temperature	-30°C~+50°C
Measuring Range	-20°C~+120°C
Measuring Accuracy	±3°C or ±3% of the reading (The larger one shall prevail.)
Temperature Correction	Manual/Auto
Power Consumption	<350mW
Weight	18g
Dimension	26×26×26.6mm
Support System	Android 6.0 and above*
Image Enhancement	Digital Detail Enhancement (DDE)
Image Correction	Manual
Palette	White hot/Black hot/Iron red/Rainbow/High-contrast rainbow/Iron gray
Secondary Development	Provide SDK for enterprise customers
Temperature Statistics	Support max/min/center temperature display and temperature statistics of point, line, and area
Video Storage	Support taking and saving photos and videos
Software Update	Support online software updating

*Support the mainstream mobile phone systems, and some systems are not tested.

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

Company Profile

InfiRay® is a brand trademark of Raytron Technology LLC (SSE: 688002). Raytron Technology is an industry leader specialized in infrared thermal imaging, MEMS sensing, and optoelectronic technology development. Subsidiaries include IRay Technology Co., Ltd, Chengdu InfiRay Co., Ltd, Hefei InfiRay Co., Ltd, and Wuxi InfiSense Co., Ltd, etc.

InfiRay® is committed to providing global customers with professional infrared, laser, microwave products and solutions with completely independent intellectual property rights. The main products include IRFPA detectors, thermal imaging modules, and terminal application products, as well as laser ranging equipment, microwave products, high-end photoelectric systems.

With R&D personnel accounts for 51% of all employees, InfiRay® owns 311 patented technologies in multiple fields, such as the development of integrated circuit, the design and manufacture of MEMS sensor, Matrix III image processing algorithm, high sensitive laser detection technology, and precise control algorithm.

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



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