

Breakthrough the shackle of sight, become the master of night

T3S is a prospective thermal camera with 110 thousand pixels.

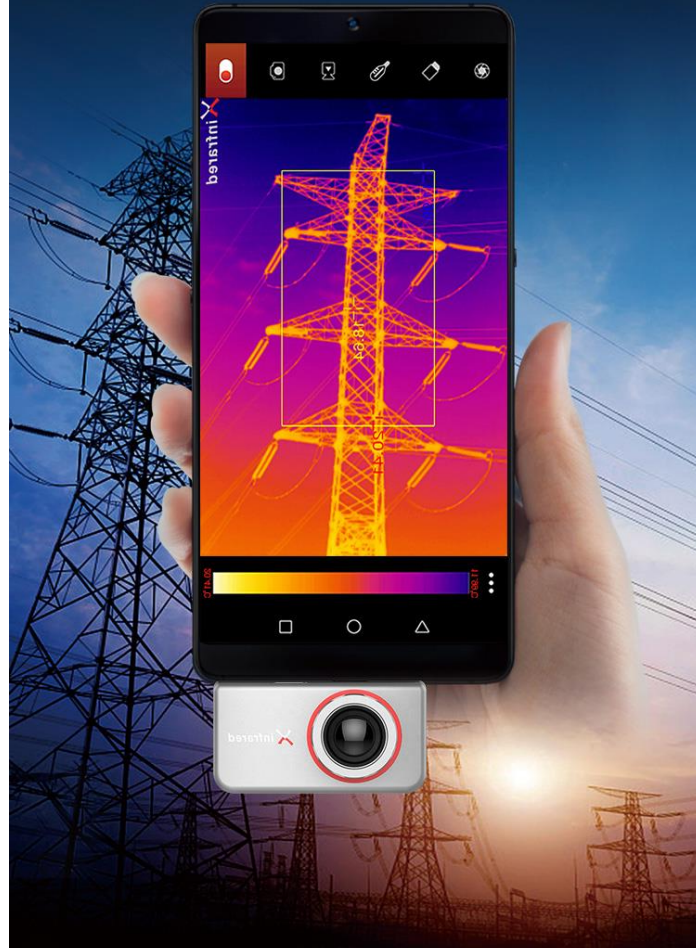
There's an invisible world right next to the one you see every day, just waiting for you to explore

it with the InfiRay® T3S.

Whether you're seeing the world in a whole new way or just finding problems around the house,

T3S's thermal camera gives you a new view of your everyday world.

Clearest Thermal Camera
for Smartphone T32



6 Core Technologies

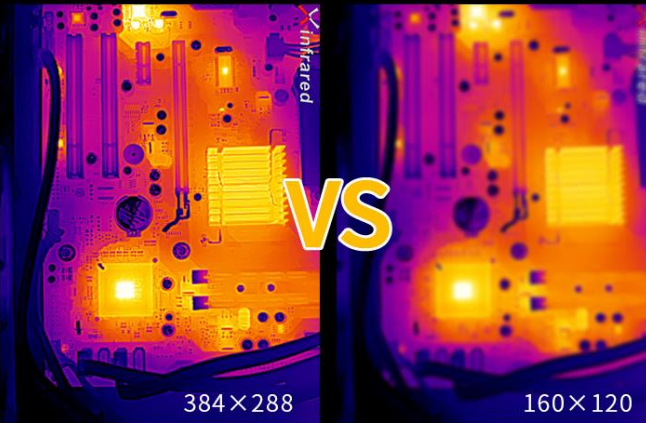
- 110,000 Full Frame temperature Data
- 384x288 Detector, Ultra Clear Image
- 13mm Focal Length I.0 Aperture, Alloy Lens
- 25Hz Dynamic Measuring Frame Rate
- Alloy Body Strong and Durable
- MATRIX III Patented Image Algorithm

Ultra Clear

Adopting 384×288 high-performance VOx infrared detector,
with high sensitivity and famous advantages of InfiRay

576%

Pixel Increase



Ai Temp Algorithm

Providing 2,760,000 temperature data per second,
as well as full image data capture,
storage environment correction, and temperature measurement

2,760,000

Temperature Data



MATRIXIII®

Image Processing Algorithm

InfiRay® exclusive MatrixIII image processing algorithm
making images clearer and sharper

25H High Frame Rate High-Speed Instant Refresh

High/Low temperature dynamic tracking,
clear and smooth, instantaneous positioning



25Hz

8.7Hz

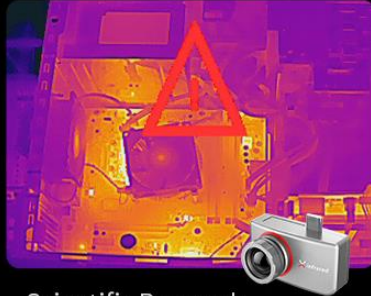
Long-Time Standby Battery-Free Design, Ultra-Low Power Consumption

Adopting the latest InfiRay technology,
0.45 W ultra-low power consumption with 2,560,000 data
processing capability

0.4W



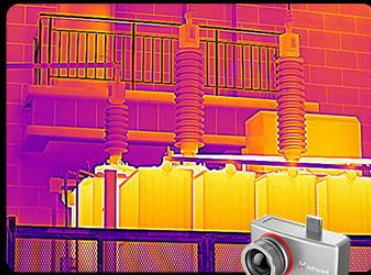
Application Fields



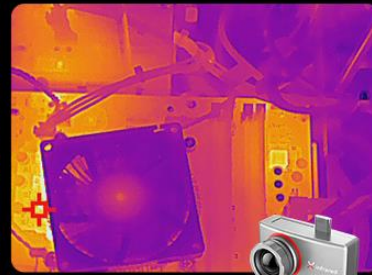
Scientific Research



Medical Care



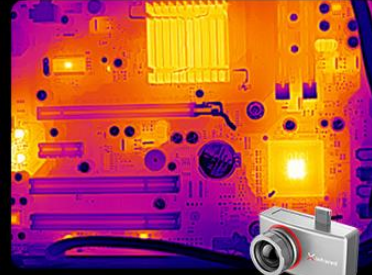
Electricity



Electronic



Night Vision



Industry

13mm F1.0 Aperture Lens

The lens has long focal length and high thermal transmissivity, allowing sufficient luminous flux, which maximizes the performance of the InfiRay thermal detector to enable the camera to see further and clearer



Superior Quality EU Certification

Aviation aluminum body, robust and durable,
with a weight of 39 g and a size of about two Quarter dollar coins

39g



Certificate



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39g

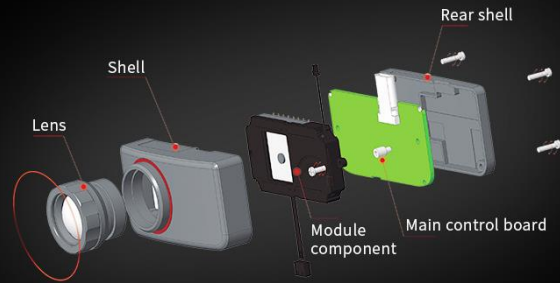


Certificate



Secondary Development Easy to Integrate

Accessible to smartphones, helmets, glasses,
and the like. Multi-platform SDKs provided to specific users for
quick secondary integration



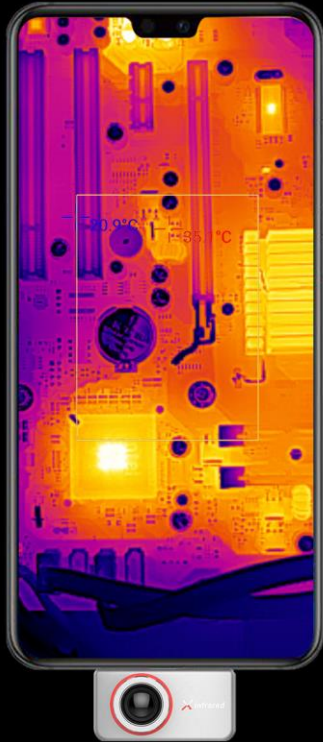
All over the world

On 500,000+ **"HEART"** of mid-high
end infrared thermal cameras carve

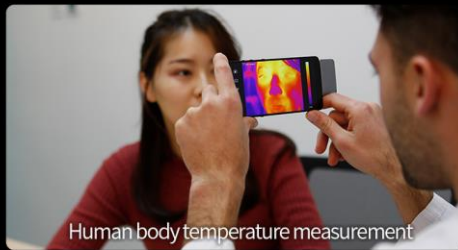
InfiRay

ULTRACLEAR

Exclusive Temperature Analysis and Processing



Application in Scenarios



Model	T3S
Resolution	384×288
Pixel Pitch	17μm
Spectral Band	8~14μm
Objective Lens	13mm
Focusing Mode	Manual
Frame Rate	25Hz
NETD	≤60mK@25°C,f#1.0
MRTD	≤500mK@25°C,f#1.0
Operating Temperature	-10°C~+50°C
Measuring Range	-20°C~+120°C
Measurement Accuracy	±3°C or ±3% of temperature measuring range
Temperature Correction	Manual/Auto
Power Consumption	<0.5W

Weight (with lens)	<40g
Size (with lens)	49.5mm×26mm×27.5mm (13mm Lens)
Phone Compatibility	Android 6.0 and Above
Image Enhancement	Digital Detail Enhancement
Image Correction	Manual
Color Palette	White Hot/Black Hot/Multiple Pseudo Color Options
SDK Develop	Support
Temperature Statistics	Support Max./Min./Center Temp. Display, with up to Three Points Statistics
Photo&Video	Support
Online Software Update	Support

The data above are for reference only. Specifications in the marketed products shall prevail.

Product consulting

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Mobile phone :

* Country :

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CONTACT US

Marketing Dept.Email:sales@infray.com

HR Email:hr01@infray.com

Sales Hotline:[+86-400-998-3088](tel:+86-400-998-3088)

After sales hotline:[+86-400-883-0800](tel:+86-400-883-0800)

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

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APPLICATIONS

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