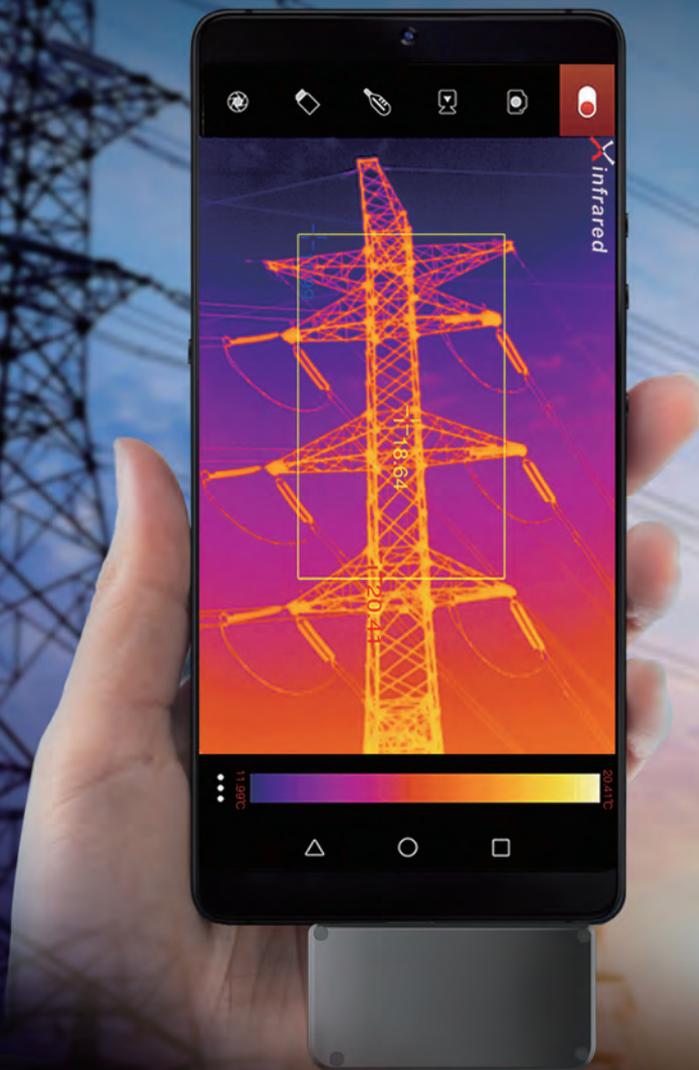# InfiRay® Xtherm T2S/T3S/T3Pro

Two-Coin Size Thermal Camera

Xtherm series is a portable thermal camera to open the intelligent life for smart phones. Plug and play to show excellent thermal images and real-time temperature. It is a reliable companion for outdoor observation, camping, field survival, and family use.

±2°C	-20°C ~400°C	25Hz	< 0.5W		
High Accuracy	Professional Measurement	High Frame Rate	Ultra-Low Power Consumption	Point/Line/Area Measurement	Professional Report

Main Specifications

Model	Xtherm T2S	Xtherm T3S	Xtherm T3Pro
Resolution	240x180	384x288	384x288
Pixel Pitch	17μm	17μm	17μm
Spectral Band	8~14μm	8~14μm	8~14μm
Lens	6.8mm	13mm	13mm
Focusing Mode	Manual	Manual	Manual
Frame Rate	25Hz	25Hz	25Hz
NETD	≤60mK	≤60mk	≤60mk
MRTD	≤500mK	≤500mK	≤500mK
Operating Temperature	-10℃~+50℃	-10℃~+50℃	-10℃~+50℃
Measuring Range	-20℃~+120℃	-20℃~+120℃	-20℃~+120℃ (Expandable to 400℃)
Measuring Accuracy	±3℃	±3℃	±2℃, ±2% of reading
Temperature Correction	Manual/Auto	Manual/Auto	Manual/Auto
Power Consumption	< 500mW	< 500mW	< 500mW
Weight (With Lens)	<40g	<40g	<40g
Dimension (With Lens)	49.5mmx 26mmx27.5mm	49.5mmx26mmx27.5mm	49.5mmx26mmx27.5mm
Software			
Support System	Android 6.0 and above*		
Image Enhancement	Digital Detail Enhancement (DDE)		
Image Correction	Manual		
Color Plate	White hot, Black hot, and other pseudo colors		
SDK	Provide secondary development kit (SDK)		
Temperature Statistics	Support max/min/center temperature display, up to 3 points measurement	Support max/min/center temperature display, up to 3 points measurement	Support max/min/center temperature display, support point/line/area analysis, statistics, and report
Video Storage	Support photo and video taking and storage		
Software Update	Support online software updating		

* Support mainstream mobile phone systems, some systems have not been tested

InfiRay Technology Co., Ltd.
Tel: 400-998-3088
Website: www.infiray.com