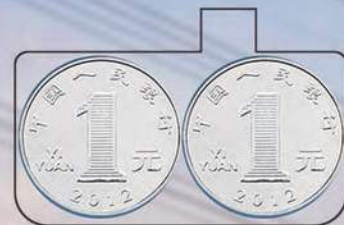




InfiRay® Xtherm T2S/T3S/T3Pro Two-Coin Size Thermal Camera

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.



$\pm 2^{\circ}\text{C}$

High Accuracy

-20°C
 $\sim 400^{\circ}\text{C}$

Professional Measurement

25Hz

High Frame Rate

$< 0.5\text{W}$

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	17 μ m	17 μ m	17 μ m
Spectral Band	8~14 μ m	8~14 μ m	8~14 μ m
Lens	6.8mm	13mm	13mm
Focusing Mode	Manual	Manual	Manual
Frame Rate	25Hz	25Hz	25Hz
NETD	\leq 60mK	\leq 60mk	\leq 60mk
MRTD	\leq 500mK	\leq 500mK	\leq 500mK
Operating Temperature	-10 $^{\circ}$ C~+ 50 $^{\circ}$ C	-10 $^{\circ}$ C~+ 50 $^{\circ}$ C	-10 $^{\circ}$ C~+ 50 $^{\circ}$ C
Measuring Range	-20 $^{\circ}$ C~+120 $^{\circ}$ C	-20 $^{\circ}$ C~+120 $^{\circ}$ C	-20 $^{\circ}$ C~+120 $^{\circ}$ C (Expandable to 400 $^{\circ}$ C)
Measuring Accuracy	\pm 3 $^{\circ}$ C	\pm 3 $^{\circ}$ C	\pm 2 $^{\circ}$ C, \pm 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



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