Product Description

Temperature Measurement King T2S+ is a professional macro thermal camera. It has advantages of compact size, light weight, low power consumption, and high performance. You can connect it directly to the smartphone for plug-and-play temperature measurement. It can be widely applied in PCB testing, microcircuit troubleshooting, building HVAC detecting, power maintenance, industrial observing, and so on.

Specifications

Product Category	T2S+	T2L
Macro	8mm	
Resolution	256×192	
Pixel Pitch	12μm	
FOV	44.9°×33.4°	
Image Frame Rate	25Hz	
NETD	⩽60mK@25°C, F#1.0	
MRTD	⩽500mK@25°C, F#1.0	
Operating Temperature	-20°C ～ +50°C	-10°C ～ +50°C
Measurement Range	-20°C ~ +450°C	-20°C ~ +170°C
Measurement Accuracy	±2°C or ±2% of the measuring range (the greater shall prevail)	±2°Cor ±2% of temperature measuring range
Temperature Correction	Manual/automatic	
Power Consumption	<350mW	
Weight	<18g	
Dimensions	26×26×24.2mm	26×26×26.6mm
Supported OS	Android, Harmony OS, iOS	Android 6.0 and above
Image Enhancement	Digital detail enhancement	
Image Correction	Manual	
Palette	White-hot/black-hot/multiple palettes	
Secondary Development	SDK available	
Measurement Statistics	Maximum/minimum/central point temperature display, and point/line/area measured temperature statistics and analysis	
Video Storage	Photo and video storage	
Software Update	Online update	

*Support mainstream mobile operating systems, but some systems have not yet been tested.

*The information is for illustration only. Images and technical specifications contained herein are subject to changes without notice.

Company Profile

InfiRay®, leading manufacturer of uncooled IRFPA

On April 28th, 2021, InfiRay released world's 1st 8μm infrared detector. InfiRay's main products include infrared detectors, thermal imaging modules, night vision thermal cameras, and thermographic cameras for temperature measurement.

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