



InfiRay's Smallest Micromodule Equipped With

WLP Detector

Half of One Quarter

 Tiny1 13 × 13 × 7.3mm

 S0 21 × 21 × 21 mm



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S0 micro-module

The optical design of the lens is excellent. With the high-resolution detector, it can produce an outstanding imaging effect.

It also has the temperature measurement function and is featured with high performance, low power consumption, small size, easy development, and integration.

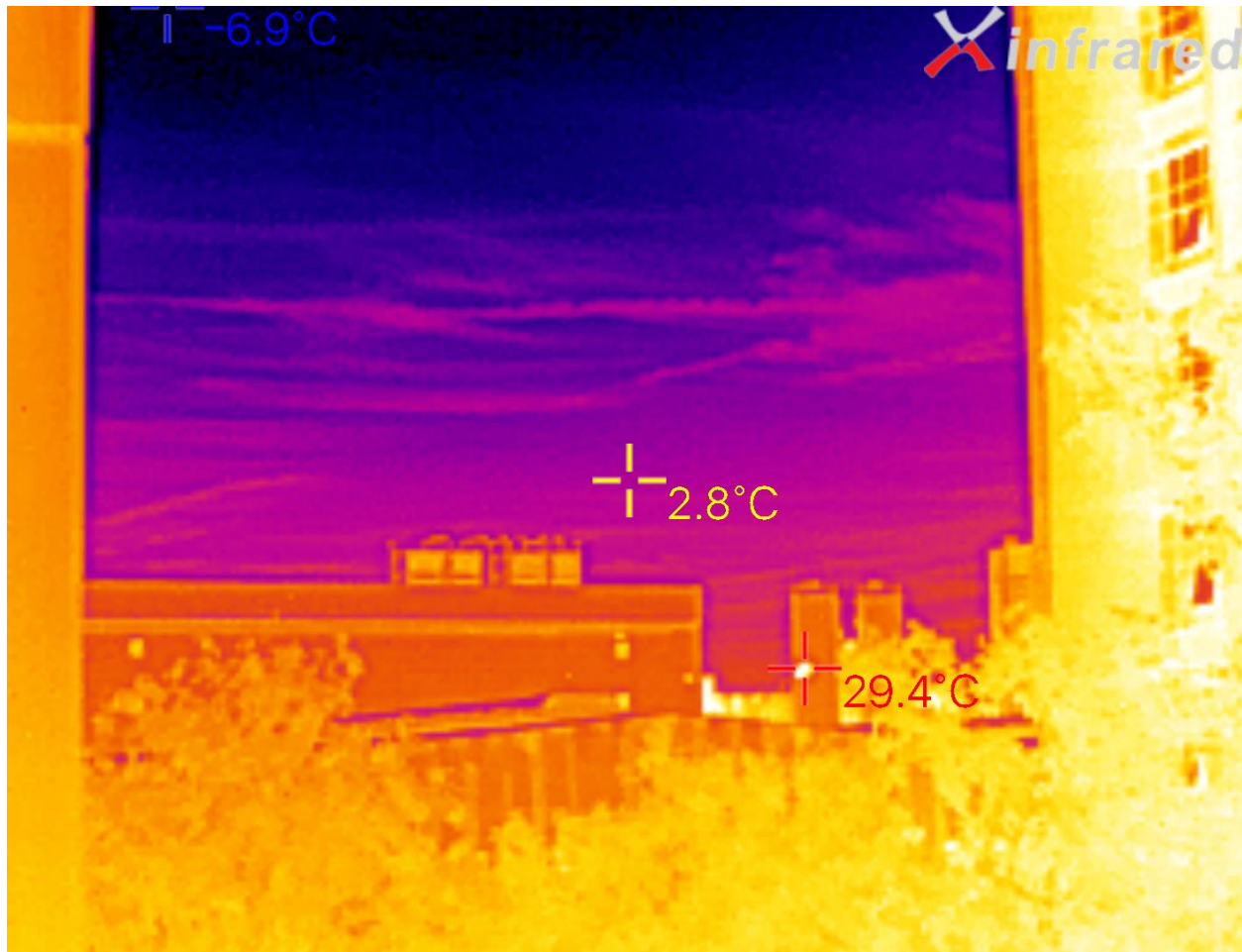
S0 adopts concurrent digital interface output and rich control interfaces, adapting to various intelligent processing platforms.

It can also meet the secondary development needs for various infrared temperature measurement applications.





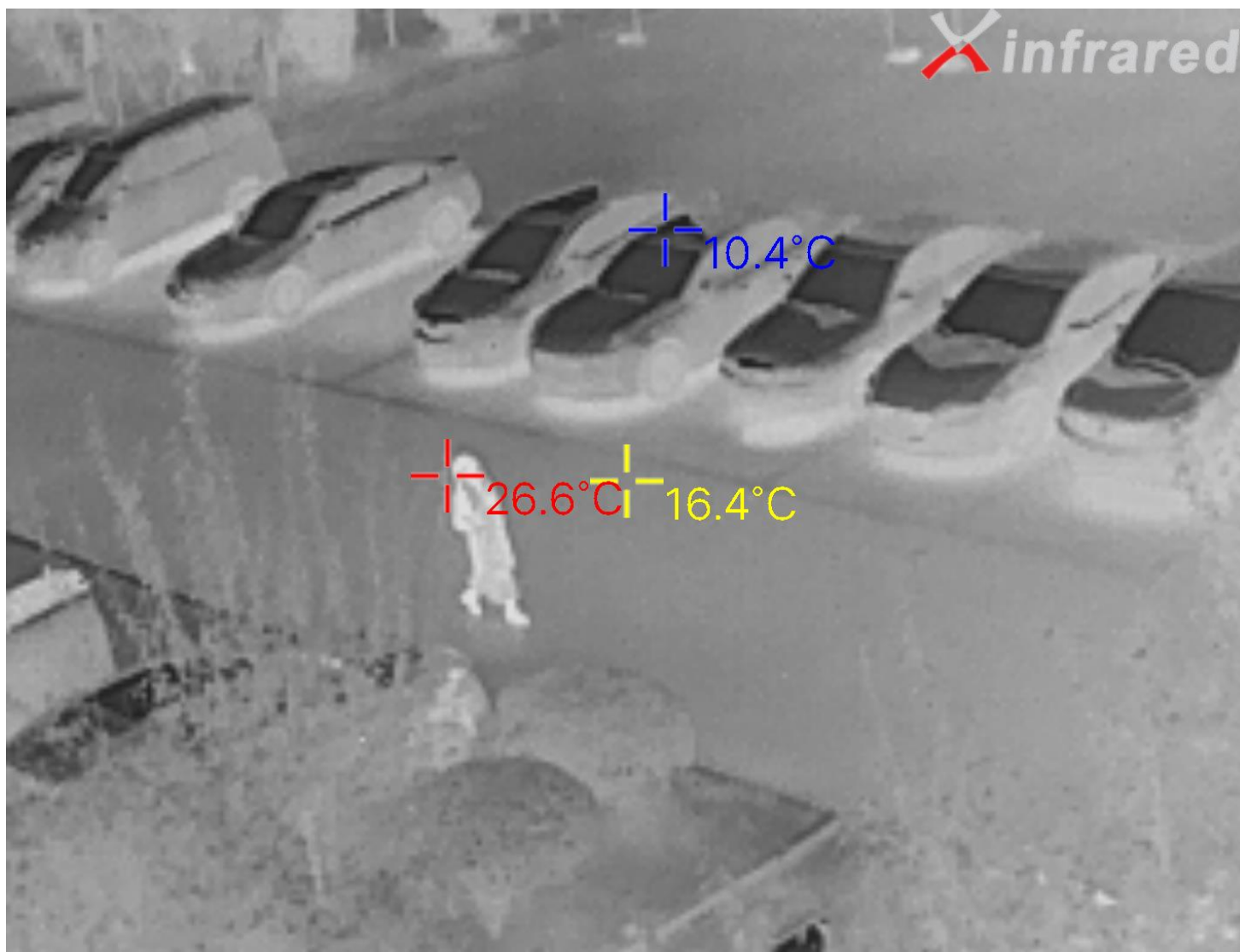
S0 real shot



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S0 real shot



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S0 real shot



S0 real shot

Model	212-40	212-68
Resolution	256×192	
Pixel Pitch	12μm	
FOV (H×V)	42.0°×32.1°	25.5°×19.2°
Frame Rate	25Hz/15Hz	
NETD	≤60mK@f#1.0	
Operating Temperature	-15°C~+60°C	
Power Supply	3.8V-5.5V • DC	
Power Consumption	<200mW (using DVP interface)	
Weight	<18g	
Dimension	20mm×20mm×21mm	
Data Interface	Parallel interface/USB	
Control Interface	SPI/I2C/USB	

Image Enhancement	Multi-level DDE
Image Correction	Shutter correction
Color Palette	White hot/black hot/multiple pseudo color options
Measuring Range	'-20°C~+120°C (expandable to 600°C)
Measuring Accuracy	±3°C or ±3% of the reading
Temperature Correction	Manual/Auto
Temperature Data Output	Real-time parallel output
Temperature statistics	Support max./min. temperature analysis

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

Product consulting

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Dual spectrum thermal imager

online monitoring thermal camera

MODULES

Micro III Thermal Imaging Module

Mini Thermal Imaging Module

LT Temperature Measurement Module

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Phoenix Cooled MWIR Imaging Module

APPLICATIONS

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Night Vision

UAV Thermal Module

Smart Phone

Automotive Thermal Camera

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