



1280×960 HD display

Large size eyepiece display



WiFi connection to share vision

IR-Tracker V App

Share the wonderful vision



32G built-in storage

>10000 images

>5 hours video

\* jpg and mp4 format



Type-C interface

Support external display

Support power bank

Support tripod fixation



IP66

1 meter shockproof

-20°C- +50°C Available in harsh environments

## Parameters

| ITEMS                           | S236E  | S236            | S236P           |
|---------------------------------|--|-----------------|-----------------|
| Detector type                   | Vanadium oxide uncooled infrared focal plane detector  |                 |                 |
| Pixels                          | 384×288  | 384×288         | 640×512         |
| Array size                      | 12μm   | 12μm            | 12μm            |
| Wavelength                      | 8-14μm   | 8-14μm          | 8-14μm          |
| FOV                             | 10.5°×7.9° (±5%)   | 7.5°×5.7° (±5%) | 12.5°×10° (±5%) |
| Lens focal length               | 25mm   | 35mm            | 35mm            |
| Magnification                   | 2.3x   | 3.25x           | 1.95x           |
| Focus distance                  | 1m~∞   |                 |                 |
| NETD                            | <40mk  |                 |                 |
| Frame rate                      | 50HZ   |                 |                 |
| Focus                           | Manual focus   |                 |                 |
| Digital zoom                    | 1.0~4.0X continuously  |                 |                 |
| Picture in picture              | Enlarged display of central area (2x)  |                 |                 |
| Distance dispaly                | yes  |                 |                 |
| LRF                             | Distance range 10~800m, Class 2, IEC60825-1。   |                 |                 |
| Laser pointer                   | red, <1mW, 635nm, Class 2, IEC60825-1。   |                 |                 |
| GPS                             | yes  |                 |                 |
| Electronic compass              | yes  |                 |                 |
| Image transmission              | WiFi real-time image transmission, support mobile APP image browsing, taking pictures, video and other functions |                 |                 |
| Cross cursor                    | Yes (multiple cross divisions are optional)  |                 |                 |
| Hot spot tracking               | yes  |                 |                 |
| Storage                         | Build-in, 32GB (max support 256G)。   |                 |                 |
| photo                           | Take more than 10,000 pictures   |                 |                 |
| recording                       | more than 5 hours recording time   |                 |                 |
| Monitor                         | Color LCOS , 1280*960 (eyepiece diopter adjustable)  |                 |                 |
| Polarity                        | Black hot, white hot, red hot, pseudo-color fusion   |                 |                 |
| Diopter adjustment              | Adjust by knob   |                 |                 |
| Battery type                    | Lithium battery  |                 |                 |
| Battery working time            | >6h  |                 |                 |
| Charging type                   | Support USB charging, can be powered by an external portable battery   |                 |                 |
| External power supply           | DC5V/2A ( Type-C interface)  |                 |                 |
| Operating temperature           | -20°C- +50°C   |                 |                 |
| Storage temperature             | -40°C- +70°C   |                 |                 |
| Encapsulation                   | IPX6   |                 |                 |
| Drop test                       | 1 m  |                 |                 |
| Electromagnetic compatibility   | Comply with CE/FCC requirements  |                 |                 |
| Control of Hazardous Substances | Comply with RoHS /PAHs requirements  |                 |                 |
| Weight                          | <550g  |                 |                 |
| Dimension                       | <220*105*65mm  |                 |                 |
| Power input                     | USB Type-C interface ( supports charging, data transmission and real-time analog video output )                  |                 |                 |
| Tripod                          | 1/4"-20-UN   |                 |                 |

★ GPS Optional  
The above data and contents are for reference only, and the actual products shall prevail.

## Contact us

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IRTECH™

S236 Series

384×288

640×512

HANDHELD OBSERVATION INFRARED CAMERA



12μm vanadium oxide detector

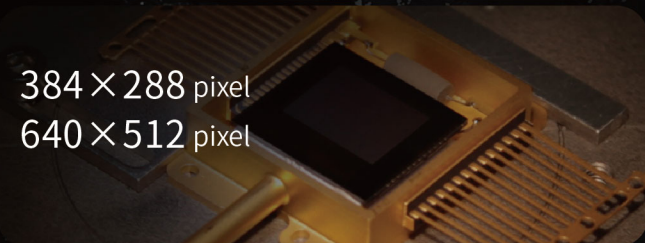
Breakthrough your vision, impress your imagination



**S236** Series  
HANDHELD OBSERVATION INFRARED CAMERA

**Endless cores developing**

Self-developed core with military standard  
Equipped with the latest 12μm vanadium oxide detector



**Satisfactory clarity**

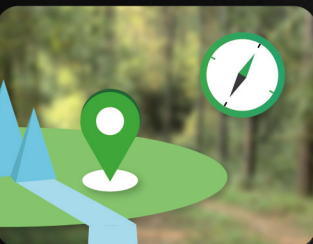
Upgraded sharp image quality , enhanced details, clear outline  
4 new observation modes like cities, mountains, rivers, and forests

**Lision II** Intelligent image algorithm



**GPS + Electronic compass**

Global Positioning System  
Explore the unknown, escort your safe



**Hot spot tracking + Cross cursor**

Automatically lock and track high temperature targets  
Aid to confirm the observation object



**4 kinds of pseudo-color** image display

Black hot, white hot, red hot,  
pseudo-color fusion



**Picture-in-picture** instantly clear

2 times magnification of the central area  
See target details without losing the field of view



**25/35mm** lens

Manual focus accurately  
Support 1.0X~4.0X zoom



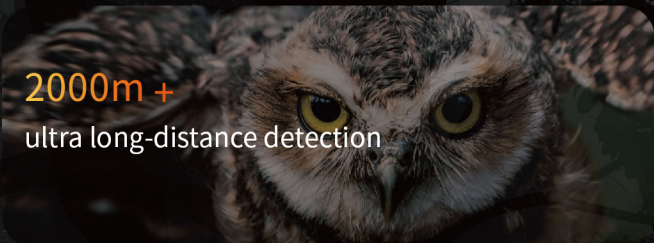
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**Finger-tip laser ranging**

Kilometer-level high-precision laser ranging

**10~1000m** Accuracy<±1m

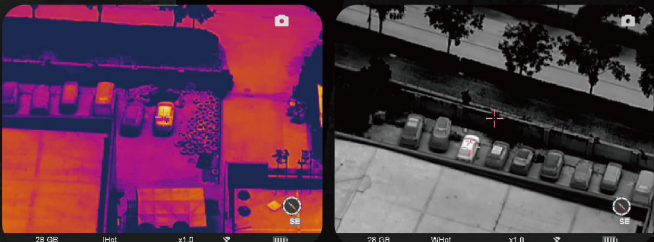


**Professional**

Professional always think more for you

**New UI design language**

With various observation functions



**Observation distance**

Detection  
Distinguish

**S236E** 384×288



**S236** 384×288



**S236P** 640×512



People (1.8×0.5m) Car (2.3×2.3m)

