



1280×960 HD display

Large size eyepiece display



WiFi connection to share vision

IR-Tracker V App

Share the wonderful vision

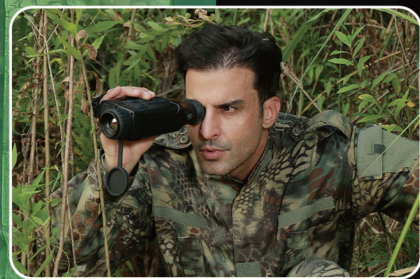


32G built-in storage

>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 display	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 recording	Take more than 10,000 pictures 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.

S236 Series

384×288

640×512



12μm vanadium oxide detector

Endless cores developing

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

384×288 pixel
640×512 pixel

Satisfactory clarity

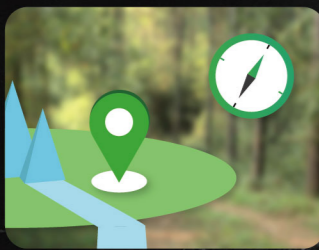
Upgraded sharp image quality, enhanced details, clear outline
4 new observation modes like cities, mountains, rivers, and forests

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

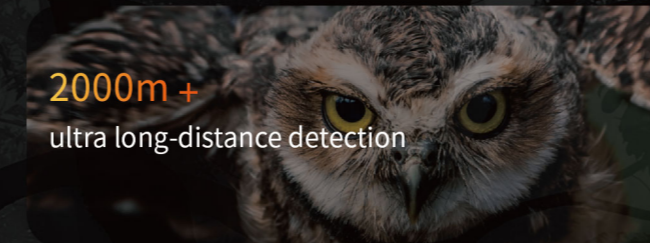
Manual focus accurately
Support 1.0X-4.0X zoom



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 —

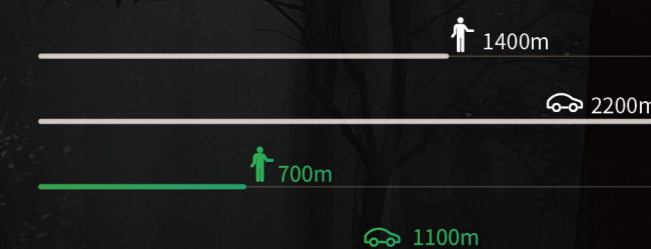
S236E 384×288



S236 384×288



S236P 640×512



People (1.8×0.5m) Car (2.3×2.3m)

