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НАРУЖНАЯ ИНФРАКРАСНАЯ ОПТИКА. МОНОКУЛЯРЫ.

OUTDOOR INFRARED OPTICS

Breakthrough your vision, impress your imagination

ABOUT US

We are IRtech, originated from DALI, a global brand focused on professional thermal imaging products.

We face up to the expectations of global infrared product consumers, do our best to enhance the brand's product power and service capabilities, and provide overseas customers with satisfactory service experience with a new attitude of IRtech.

We used to lead the research and development of infrared technology and still pay attention to the needs of the outdoor consumer market. At the stage when 12μm is gradually replacing 17μm and becoming the mainstream of the market, we have successfully achieved the goal of mass production of amorphous silicon and vanadium oxide dual production lines in 2021. The model S236 monocular has been affirmed by the market in terms of imaging quality and human-computer interaction.

We are well aware that infrared thermal imaging technology is not only active in the field of outdoor hunting, but also in the field of industry and temperature measurement. With the global warming, a major problem facing all mankind, the development of electricity has become an increase in infrastructure investment in many developing countries. The infrared handheld temperature measurement products, monitoring systems, and thermal modules we have developed, are widely well applied in China, Southeast Asia, the Middle East and other regions.

Facing the future of all mankind, IRtech is well aware of its responsibilities, and we will work hard to develop and provide you with a clearer, more environmentally and friendly products in the near future.

384×288
640×480
640×512

The latest VOx detector
See farther and clearer

Lision II

Intelligent Algorithm

25/35mm

Focal Length

1280×960

Large screen



Range Estimation



Automatic hot
spot tracking



WI-FI APP
IR-Tracker

S243W

Handheld Observation Infrared Camera



Lision II Intelligent image algorithm

Enhanced detail, clear outline and sharp image



Intelligent optimized image



Ordinary image

50 Hz High frame rate, sensitive and smooth

High quality mobile target observation experience, dynamic capture without delay



High frame rate picture



Low frame rate picture

Laser light + Cross cursor

Quickly locate the target and assist in identifying



PIP Display

The image is show at 2x magnification to see the target





See farther and Clearer
 384 × 288 Pixels
 The latest VOx detector



WiFi Connect
 Sharing wonderful vision
 IR-Tracker III APP



15mm camera lens
 4X continuous zoom
 Focus free



Type-C
 Support external display
 Data transmission and fast charging



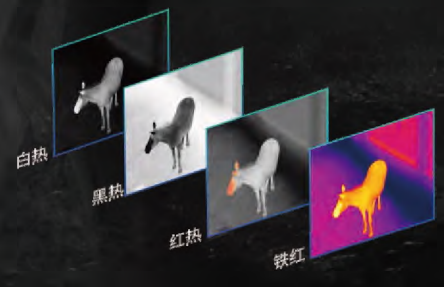
32G Built in storage
 Direct storage of photos and videos
 No need to export repeatedly



IP66
 One hand operation
 1m fall resistance

Various mode

Black hot, White hot, Red hot, Red hot Iron



Observation distance

People (1.8 × 0.5m), Car (2.3 × 2.3m)



S25X Series

Handheld Observation Infrared Camera



Lision II Intelligent Algorithm

Enhance image quality More sharper



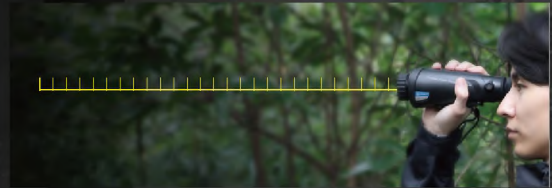
Intelligent optimized image



Ordinary image

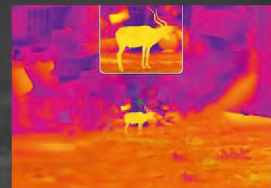
Range estimation

Dynamic measurement assisted to determine the target distance



Laser light + Cross cursor

PIP Display



Automatic hot spot tracking

Automatic locking high temperature tracking





See farther and Clearer

384 × 288 / 640 × 480 Pixels
The latest VOx detector



WIFI Connect

Sharing wonderful vision
IR-Tracker APP



25/35mm camera lens

Focal length
Electronic zoom 2X/3X/4X



Smart interface

Support external display
Support external power supply



Various mode

Black hot, White hot,
Red hot, Red hot Iron

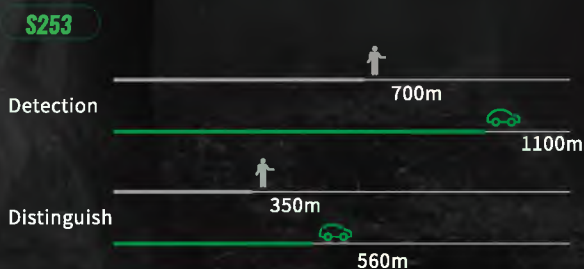


IP66

One hand operation
1m fall resistance

Observation distance

People (1.8×0.5m) , Car (2.3×2.3m)



S236 Series

Handheld Observation Infrared Camera



Lision II Intelligent Algorithm
4 new observation modes like cities, mountains, rivers, and forests



Intelligent optimized image



Ordinary image

10~1000m Accuracy $< \pm 1m$
2000m+ Ultra long-distance detection
Kilometer-level high-precision laser ranging



Hot spot tracking Cross cursor
GPS + Electronic compass



Picture-in-picture instantly clear
New UI design language





Endless cores developing
 384 × 288 / 640 × 512 Pixels
 12μm The latest VOx detector



WIFI Connect
 Sharing wonderful vision
 IR-Tracker V APP



25/35mm lens
 Manual focus accurately
 Support 1.0X~4.0X zoom



Type-C /32G built-in storage
 Support external display, power bank
 Support tripod fixation



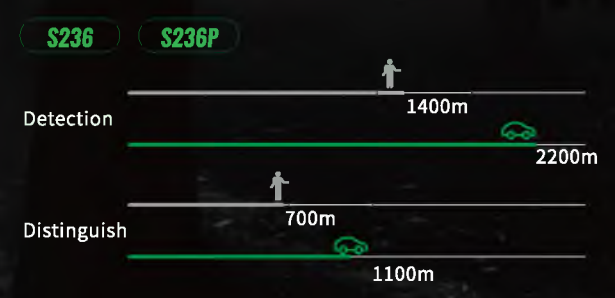
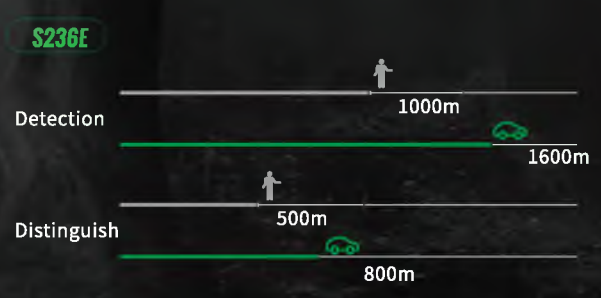
4 kinds of pseudo-color
 Black hot, white hot, red hot,
 pseudo-color fusion



IP66
 One hand operation
 1m fall resistance

Observation distance

People (1.8 × 0.5m), Car (2.3 × 2.3m)



RS3 Series Thermal Rifle Scope



384×288 Pixels
The latest VOx detector



Large screen 1280×960



25/35/50mm
Three lens options



WiFi /video / photo



Standard sight diameter 30



Item	25-384	35-384	50-384
Type	Vox		
Pixel	384×288	384×288	384×288
Spectral range	12μm		
NETD	≤40mk@25°C		
Focal length	25mm	35mm	50mm
FOV	10.6°*7.9°	7.5°*5.7°	5.3°*4.0°
Frame rate	50HZ		
Focus	Manual		
Monitor	Lcos (1280*960)		
Eyeshield rubber ring	Yes		
Brightness/gain	Automatic / Manual		
Digital zoom	X2,X3,X4		
WIFI	Yes		
Built in	32G		
Type	Photography and video recording		
Battery	Rechargeable		
Working	>5 hours		
IP ratings	IP66		
Dimension	320*75*65mm		
Weight	900g		

RS1

Series Thermal Rifle Scope



384×288/640×480Pixels
Endless cores developing



HD 1280×960 monitor



35/50mm
Lens options



WiFi /video / photo



Standard sight diameter 30



Item	35-384	50-384	35-640	50-640
Type	Uncooled FPA			
Pixel	384×288	384×288	640×480	640×480
Spectral range	17μm			
NETD	≤60mk@25°C			
Focal length	35mm	50mm	35mm	50mm
FOV	10.7°*8.0°	7.5°*5.6°	17.7°*13.3°	12.4°*9.3°
Frame rate	50HZ			
Focus	Manual			
Brightness/gain	Automatic / Manual			
Polarity transformation	Black-hot/White-hot			
Digital zoom	X2,X3,X4			
Hot spot tracking	support			
Built in	32G			
Storage	video record,photograph			
Type	rechargeable battery			
Working	>7 hours			
Housing color	Black			
Interface	can equipped with standard aiming fixture			
Protect level	Ip66			
USB-C	Yes(charging and data copy)			



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