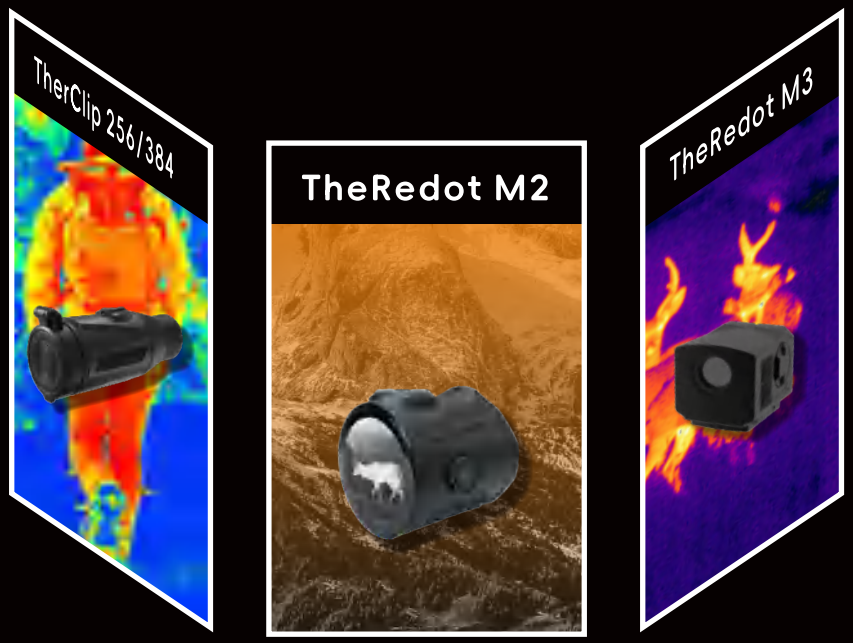
Start Your Thermal Imaging Line

· Low MOQ · Free Boot Screen Customization
· In-House Global After-Sales Network

FORESEEN THERMAL IMAGING

— Lightweight Series —



TherView MI

TherComp X1

FORESEEN THERMAL IMAGING LAUNCH PROGRAM

Joining Hands to Serve Your Local Thermal Market

WHY WE LAUNCHED THIS PROGRAM

Through years of global service in optical riflescopes, red dot sights, and binoculars, **FORESEEN OPTICS** has gained deep insight into the unique local-market understanding that regional small and medium-sized brands possess. With our full-stack capability to transform ideas into products, we have successfully co-developed optical solutions that closely align with regional consumer preferences. Now, we bring this same belief into the thermal imaging space. We believe that more creative and resilient thermal imaging products can emerge by partnering with diverse regional brands who deeply understand their local markets. After two years of technical preparation, we are officially launching the **Thermal Imaging Launch Program,** offering **low entry barriers** and **high-level support** to help you seize new opportunities in this growing industry.

SERVICE CONTENT

A:Sample Support

We offer **low-cost sample support** to help you get started with minimal risk. Whether validating a product concept or testing a specific local segment, we can provide even a **single customized sample,** with your brand elements clearly displayed — including your **logo, nameplate, and a custom boot-up screen.** You'll also have a physical sample on hand to support early brand warming and marketing activities. Before scaling up, you can refine your visual identity based on local feedback, reducing risk and improving market fit.

B: Small-Batch Customization

Our manufacturing system supports **small-batch production starting at just 10 units** — with ultra-low development costs. You can customize key aspects of the product including **feature sets, housing colors, and brand elements,** creating localized thermal imaging products without the pressure of large inventory. This allows your brand to **respond quickly to niche consumer needs,** launch test runs, and iterate fast.

C: Brand Visual Co-Creation

We collaborate with you to build a unified and distinctive brand identity across your product line. Our design team will work closely with your branding — integrating your **logo, brand colors, and design language** into the UI interface, product housing, and packaging presentation. Through this joint creative process, your products will carry both **FORESEEN's trusted quality** and your brand's unique tone, helping consumers connect more deeply with your brand story.

D: Global After-Sales Support

We are actively building a **global after-sales service network** to ensure peace of mind for both you and your customers. Regardless of where your users are located, they will have access to timely and professional technical support and repair services. We're also happy to share maintenance and repair knowledge with your team, and we ensure **long-term supply of key components** to minimize customer downtime. This global warranty and service framework ensures long-term product stability and reinforces consumer trust in your brand.

TheRedot M2

Portable - Mini Thermal Imaging Scope

1.43in	**1~2X**	**256×192**	**1000g/0.4ms**	**60Hz**
Display1.43in	digital zoom	Max. Resolution	Max. Recoil	Frame Rate 60Hz
Touch screen	**IP67**	**≤20mk**		
	IP67 waterproof rating	NETD≤20mk	EFL: 13mm, F0.9	FOV: 13.5°×10.1° / 23m × 17m

Lightweight and portable, with a touchscreen interface and simple operation.

Mini Portable

Aluminum alloy shell, lighter and more durable.

Total weight of the machine:
115g (without battery), battery weighs 18g.

Tiny Body

Sharp Vision

Round & Square Designs
– Lightly Customizable.

TheRedot M2

Application Scenarios

Handheld imager, accompanied by a helmet,thermal rifle scope/side-flip scope, and pistol sights.

Handheld,TouchScreen Operate

Pairing with a helmet- The smallest type of head-mounted telescope

Mini thermal rifle scope

Pistol sight- The smallest mini sight

Product Specifications

Product Model	TheRedot M2
Image Sensor	Uncooled Focal Plane Arrays
Max. Resolution	256x192
Refresh rate	60Hz
Pixel Interval	12μm
Response Waveband	8μm to 14μm
NETD	≤20mK (25 °C, F#=1.0)
Lens (Focal Length)	13mm, F0.9
Detection Range	≤700m
Field of View(H×V), Degrees/m@100m	13.5° × 10.1°/23m × 17m
Magnification	0.5x -1x (2x)
Image Display	
Display	1.43inch，466x466, OLED
Touch screen	Supports touch operations
Brightness Adjustment	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion
FFC (Flat Field Correction) Mode	Auto
System	
Record Video	On-board Video Recording
Capture Snapshot	Yes
Standby Mode	Yes
Storage	Built-in EMMC (32 GB)
Recoil-activation Recording	Yes
Max. Recoil	1000g/0.4ms
Zeroing Profiles	3
Power Supply	
Battery Type	16340
Battery Operating Time	≥5h (25 °C)
Type-C Power Supply	5V DC, 2A Supports External Power Supply
General	
Protection Level	IP67
Weight	115g without Battery
Dimension	52 mm × 48 mm × 41 mm
Working Temperature	-20 °C to +50 °C (-4 °F to 122°F)

TheRedot M3

Portable - Mini Thermal Imaging Scope

384X288
Coming soon

1.6in	1~2X	256×192	1200g/0.4ms	60Hz
Display1.6 in	digital zoom	Max. Resolution	Max. Recoil	Frame Rate 60Hz

	IP67	≤20mk		
Touch screen	IP67 waterproof rating	NETD≤20mk	EFL: 13mm, F0.9	FOV: 13.5°×10.1° / 23m × 17m

Lightweight and portable, with a touchscreen interface and simple operation.

Red-dot Simplicity

Thermal vision advantage.

A new class of compact thermal sight.

Total weight of the machine:
115g (without battery), battery weighs 18g.

Tiny Body

Sharp VisionRound & Square

TheRedot M3

Application Scenarios

Handheld imager, accompanied by thermal rifle Scope/thermal side-flip scope, and pistol sights.

Handheld, TouchScreen Operate

Pistol sight - The smallest mini sight

Thermal shotgun scope

Thermal side-flip Scope

Product Specifications

Product Model	TheRedot M3
Image Sensor	Uncooled Focal Plane Arrays
Max. Resolution	256x192
Refresh rate	60Hz
Pixel Interval	12μm
Response Waveband	8μm to 14μm
NETD	≤20mK (25 °C, F#=1.0)
Lens (Focal Length)	13mm, F0.9
Detection Range	≤700m
Field of View(H×V), Degrees/m@100m	13.5° × 10.1°/23m × 17m
Min.Focusing Distance	0.5m
Magnification	1.0x
Image Display	
Display	1.6inch，360x320，OLED
Touch screen	Supports touch operations
Brightness Adjustment	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion
FFC (Flat Field Correction) Mode	Auto/Manual/External Correction
System	
Record Video	On-board Video Recording
Capture Snapshot	Yes
Standby Mode	Yes
Storage	Built-in EMMC (32 GB)
Recoil-activation Recording	Yes
Max. Recoil	1200g/0.4ms
Zeroing Profiles	3
Power Supply	
Battery Type	CR123、16340
Battery Operating Time	(25 °C) ≥5h
Type-C Power Supply	5V DC, 2A Supports External Power Supply
General	
Protection Level	IP67
Weight	115g without Battery
Dimension	44 mm × 46 mm × 38.5 mm
Working Temperature	-20 °C to +50 °C (-4 °F to 122°F)

TherClip 256/384

Turn any LPVO into a thermal scope — lightweight, fast, seamless.

640x512
384x288
Coming Soon

800X600 OLED	1~4x digital zoom	256x192 Max. Resolution	1000g/0.4ms Max. Recoil	60Hz Rsfresh rate 60Hz
32GB EMMC Storage	IP67 IP67 waterproof rating	≤20mk BETD≤20mk	25mm/F1.0	7.0° x 5.2°/12m x 9m

Lightweight and portable, simple operation.

Application Scenarios

It can be paired with an optical sight and used as a thermal clip-on or a thermal front-mounted sight.

Thermal clip-on sight

Thermal Flip to side

Product Dimensions

Overall dimensions:

105 mm × 47.5 mm × 47.5 mm

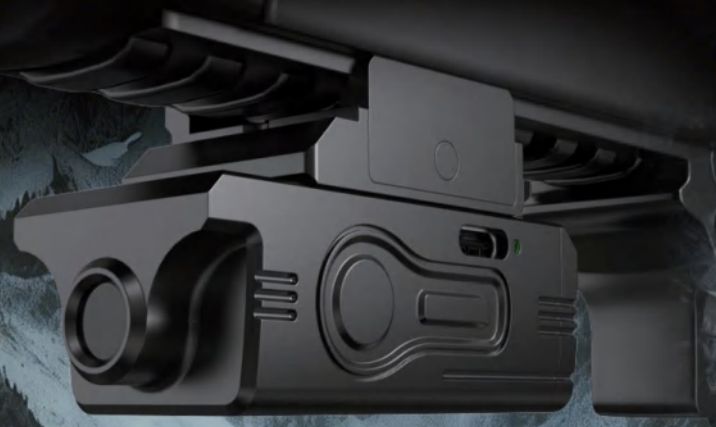
Compact Body

Mini shape, easy to carry,
Ultra-Lightweight: Approx.
220 g.

Product Specifications

Product Model	TherClip 256/384
Image Sensor	Uncooled Focal Plane Arrays
Max. Resolution	256x192
Refresh rate	60Hz
Pixel Interval	12μm
Response Waveband	8μm to 14μm
NETD	≤20mK (25 °C, F#=1.0)
Lens (Focal Length)	25 mm, F1.0
Detection Range	≤1000m
Field of View(H×V), Degrees/m@100m	7.0° × 5.2°/12m × 9m
Min.Focusing Distance	3m
Magnification	1.0 ~4.0x
Image Display	
Display	0.32inch,800x600,OLED
Brightness Adjustment	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion
FFC (Flat Field Correction) Mode	Auto/Manual
System	
Record Video	On-board Video Recording
Capture Snapshot	Yes
Standby Mode	Yes
Storage	Built-in EMMC (32 GB)
Recoil-activation Recording	Yes
Max. Recoil	1000g/0.4ms
Zeroing Profiles	3
Power Supply	
Battery Type	CR123、16340
Battery Operating Time	(25 °C) ≥5h
Type-C Power Supply	5V DC, 2A Supports External Power Supply
General	
Protection Level	IP67
Exit Pupil Diameter	18mm
Eye Relief	10mm
Optical Dimensional Interface	M33.5*0.75
Weight	220g without Battery
Dimension	105 mm × 47.5 mm × 47.5 mm
Working Temperature	-20 °C to +50 °C (-4 °F to 122°F)

POVRec 1



Product Model	POVRec 1
Image Sensor	CMOS
Max. Resolution	1280*960
Frame Rate	50Hz
Field of View(FOV)	Horizontal FOV (Field of View) > 100°
Imaging Distance	Min. distance: 0.5 m | Facial clarity: ≤ 3 m | Human silhouette clarity: ≤ 10 m
System	
Record Video & Audio	On-board Video Recording
Light-Activated Trigger	Yes
Standby Mode	Yes
Video Access	Yes
Startup Time	≤1s
Storage	Built-in EMMC (16 GB)
Power Supply	
Battery Type	Rechargeable Li-ion Battery Pack
Battery Operating Time	≥4h (25 °C)
Type-C Power Supply	5V DC, 2 A Supports External Power Supply
General	
Max. Recoil	1000g/0.4ms
Protection Level	IP67
Weight	82g
Dimension	63.5 mm × 27.5 mm × 22.5 mm
Working Temperature	-30 °C to +55 °C (-22 °F to 131°F)

TherView MI

Monocular Thermal Imaging

Ai Thermal Monocular

AI Thermal Monocualr

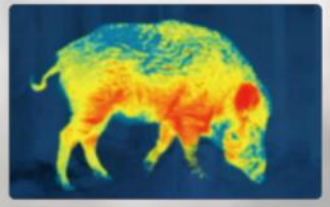
1.43" 1.43"AMOLED 60Hz	8x 8x Digital Zoom	384 x 288 AI Super Resolution	APP (Android and iOS)	PIP	Hot Spot Marking
Sensor:256x192 (12um)	50Hz High Frame Rate	NETD ≤40 mK	EFL: 10mm/15mm F#0.95	FOV: 18.00°x13.55° FOV: 11.69x8.78°	Laser Positioning
Wifi Hotspot/Station	USB/OTA Upgrade	IP66	Type-C Charge	Continuous Use Up to 8 Hours	Tripod Mountable

AI Super Resolution

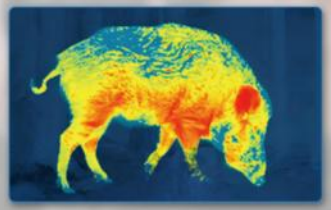
Why choose us?

We have powerful **AI super-resolution** technology, which can improve the display effect of the product to the equivalent of **384*288** resolution products.

Other



Ours



Ours-Ai Super Resolution

Affordable Price

Affordable **price**, no compromise on quality

Features

Model	TM10-256	AP13	Ours	PRO LE10	H20-1B	TD211
• AI Super Resolution	No	No	384x288	No	No	No
• Resolution	256x192	256x192	256x192	256x192	256x192	256x192
• Lens	10mm	13mm	10mm/15mm	9.7mm	10mm	10mm
• Refresh rate	50Hz	25Hz	50Hz	25Hz	50Hz	50Hz
• Screen	LCOS	LCOS	AMOLED	LCOS	LCOS	AMOLED
• Work	8h	9.5h	8h +	8h	9h	10h
• EMMC GB	8GB	32GB	32GB	8GB	External SD card	/
• Mobile sharing	Yes	Yes	Yes	Yes	No	Yes
• Type-C Mic	No	No	Yes	No	No	/
• PVR	Yes	Yes	Yes with Audio and AI	Yes	/	/
• Photo	Yes	Yes	Yes with AI	Yes	No	/
• HDMI	No	Yes	Yes	No	No	/
• CVBS	Yes	No	Yes	Yes	Yes	/
• OTA	/	Yes	Yes	Yes	No	Yes
• USD	$550	$549	$ <500	$500	$699	$599

Type-C interface

Built-in 3200mAh Rechargeable Battery

Supports up to **8+ hours** of battery life, and support USB cable power supply, to ensure that you are in the field, it can always be available.

3200 mAh Battery capacity | *USB-C* Rechargeable | *8+ hours* Operation

AI Thermal Monocualr

8h + 3200mA

Distance

Field of view

Ai super resolution	384x288	Digital zoom	1-8x digital zoom
NETD	≤40 mk	Waterproof level	IP66
Sensor	256x192 (12μm)	APP	Android and iOS
Lens	15mm F0.95	Display screen	1.43"AMOLED
Field of view	11.69x8.78°	Interface	Type-C (Compatible: Mic, HDMI, CVBS)
Screen refresh rate	50 Hz	Network mode	Hotspot &WIFI

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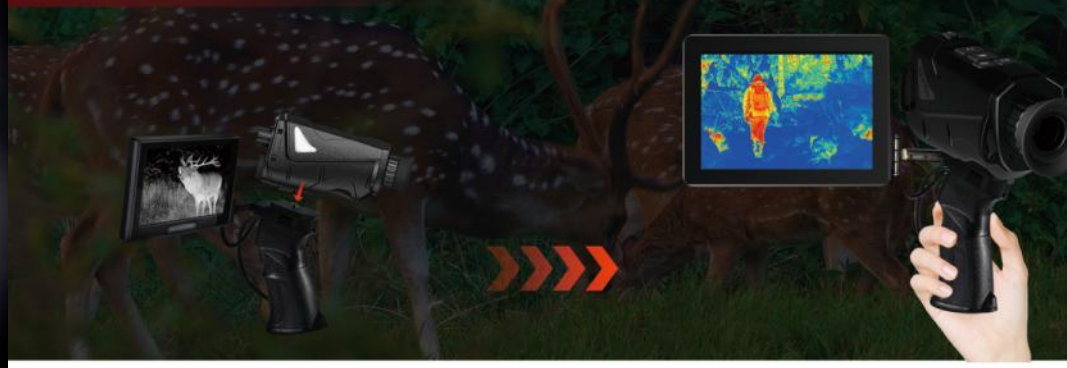
Amazing portability

The overall weight of this device is even lighter than a mobile phone. No matter where you go, you can easily put it in your pocet.Whether you're hiking, hunting or exploring, it's always there for you. It truly perfectly integrates convenience and practicality, allowing you to enjoy it easily in any scene.

CVBS For Movable Screen



Thermal imaging external screen

Wi-Fi Hotspot for Mobile App

Features:Image Mode

Support White hot, Black hot, Red hot, Iron hot, Green hot color mode, to meet your observation needs in different scenarios.

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Wi-Fi Hotspot for Mobile App

Integrated Wi-Fi module makes " APP" as a second display.
Users can use digital zoom, video recording and other features on their phones.

IP66

IP66 waterproof No fear of external damage

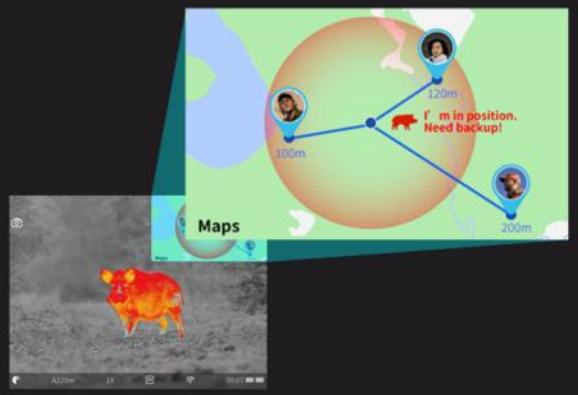
This device supports IP66 protection and can be used after soaking in water for half an hour. The minimum operating temperature is -20°C, Which can follow you to harsh environments.

Product Specifitions

Detector resolution	256x192
Ai super resolution	384x288
Pixel size	12 um
NETD	s40mk
Response band	8um ~14um
Lens (focal length)	10mm/15mm
Aperture	F=0.95
Field of view	18.00°*13.55°/11.69°* 8.78°
Screen refresh rate	50 Hz
Digital zoom	1x、2x、4x、8x
Display	1.43-inch AMOLED display
Scene mode	Normal, Outline, City, Forest, Rainforest, Birdwatching
Color mode	Black hot, White hot, Red hot, Green hot, Iron red hot
Hot spot tracking	Support
Wi-Fi AP/STA	Support
Standby mode	Support
Storage	Built-in 32 GB
Recording video	Support
Capture snapshot	Support
CVBS output	Support (via USB-C)
HDMI output	Support (via USB-C)
Battery life	More than 8 hours(@25'C,Wi-Fi OFF)
Battery capacity	3.7V 3200mAh
Operating temperature	-20°°C~ 60°C
Protection level	IP66
Size	170*80*61.5mm
Weight	About 238g

TEAM MAP SHARING

Sharing the location of team members in real time make shunting safer, more accurate and more fun.



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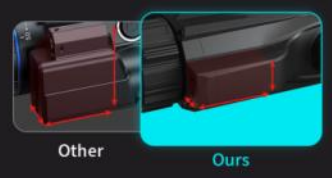
AI-Super Resolution Technology

With AI-Super Resolution technology, the image quality can reach the display effect of 320*240 sensor

Built-in smallest rangefinder

The size is only 1/3 of the competitor's, with a range of up to 700 meters, providing single or continuous ranging functions.



Range up to **700m**

Accuracy of **±1**

Fingertip rotation control upgraded

The knob design breaks the button boundary and unlocks a new realm of multi-dimension-alcontrol.

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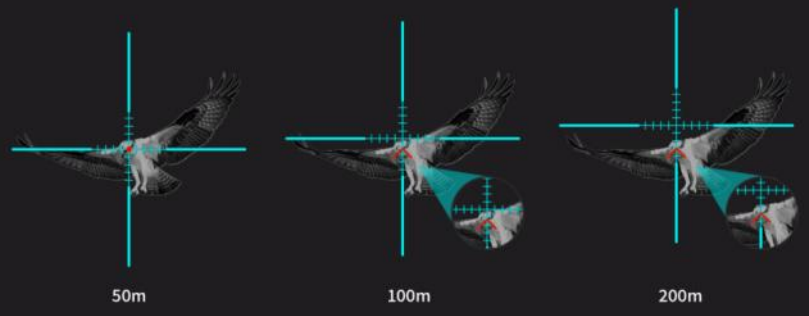
Ballistic Calculator



Advanced built-in ballistics algorithm automatically calculates the recommended point of aim (POA) for accurate long-range shooting.

Three in one

Red dot and white light sights can be freely expanded, three in one.

Advanced AMOLED Screen

1024x768 resolution, 0.39-inch ultra-large AMOLED screen, allowing for more detailed observation without eye fatigue.

Dual Battery design

When the internal and external batteries are fully charged, it can work continuously for more than 8 hours.
The external battery can be replaced at any time to achieve 24-hour uninterrupted use.

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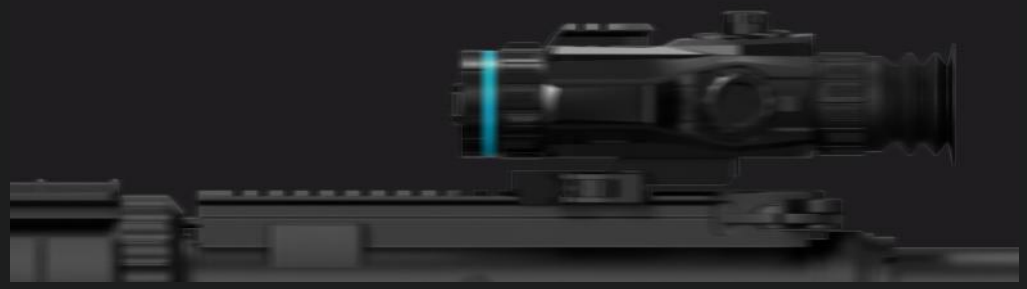
HIGH SHOCK RESISTANCE

The all-aluminum alloy housing construction and rugged components make This device thermal imaging scope shock-resistant up to 1000g/0.4ms suitable for larger caliber bullets such as .375 H&H, 12-gauge, and 9.3 x 64.

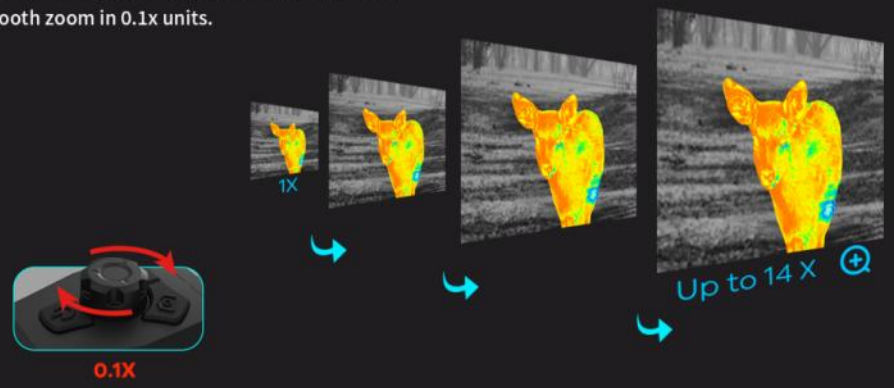


Recoil-activation Recording

With RAR,it records videos and audios of before, during, and after your shot, and captures the footage of your hunting moments.

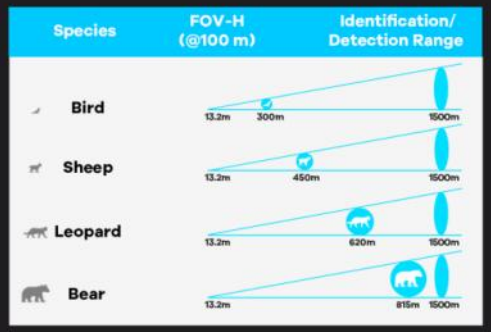
Digital Zoom

3.5x optical zoom, 4x digital zoom, knob design, smooth zoom in 0.1x units.



25mm adjustable focus lens

The 25mm adjustable focus lens extends your field of view to 1500 meters.



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Share Exciting moments

HuntIR is a full-featured application that provides preview, remote control, browsing, downloading and sharing functions.

IP67 protection

IP67 design grade can work in all weather conditions

TherComp X1

SPECIFICATIONS

Detector Specifications		
Resolution, pixel	256 × 192	384 × 288
Pixel Size, μm	12	12
NETD, mK	≤20	≤20
Frame Rate, Hz	50	50

Display Specifications		
Type	AMOLED	AMOLED
Resolution, pixels	1024 × 768	1024 × 768
Size, inch	0.39	0.39

Connections and Compatibilities		
Max. recoil power on rifled weapon (Eo), Joules	6000	6000
Mount	Picatinny mount	Picatinny mount

Optical Specifications		
Objective Lens, mm	F25 /1.0	F35 /1.0
Field of View, °	7.5 × 5.7	12.5 × 9.4
Linear Field of View (H×V), m at 100m	13.2 × 9.9	21.9 × 16.5
Visual Magnification, ×	3.5 ~ 14	2 ~ 8
Eye Relief, mm	48	48
Diopter Adjustment, D	-5 ~ +5	-5 ~ +5
Exit pupil Diameter, mm	10	10
Detection Range, m (Target size:1.7m×0.5m, P(n)=99%)	1500	1800

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SPECIFICATIONS

Power Supply		
Max Operating °C), h Time (t=22 ★	8	8
Service Voltage, V	3 ~ 4.2	3 ~ 4.2
External Power Supply, V	5 (Type C)	5 (Type C)

Laser Rangefinder		
Safety Class for Laser	Class 1	Class 1
Wavekength	905nm	905nm
Max. Measuring Range	700m	1000nm
Measurement Accuracy	±1m	±1m
Min. Measuring Range	10m	10m
Ballistic Correction	YES	YES

Physical Specifications		
Wi-Fi / APP	Support (HuntIR)	Support (HuntIR)
Photo / Video Recorder	Support	Support
Recoil activated video	Support	Support
MIC	Support	Support
IP Rating	IP67	IP67
Memory Capacity, GB	32	32
Operating Temperature, °C	-20 ~ +50	-20 ~ +50
Weight, g	≤ 580	≤ 580
Dimension, mm	216 × 76 × 46	216 × 76 × 46
Body Material	Magnesium Alloy	Magnesium Alloy

Website: http://www.foreseenoptics.com
Linkedin: Chongqing Foreseen Optics
Tel/WhatAPP:+8619122782159
E-mail: michael@foreseenoptics.com

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