

We have worldwide warehouses and **maintenance** and warranty.



CHONGQING FORESEEN OPTICS INSTRUMENT CO.,LTD



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FORESEEN OPTICS



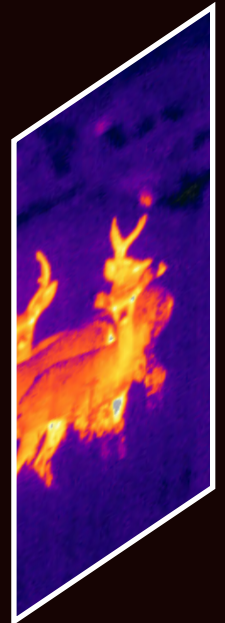
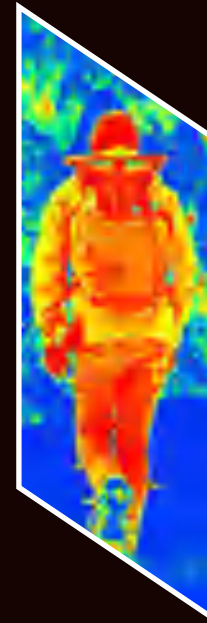
YouTube



Start Your Thermal Imaging Line

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

FORESEEN THERMAL IMAGING — 3 CORE PRODUCTS —



TherView M1



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

Display 1.43in

1~4X

digital zoom

256×192

Max. Resolution

1000g/0.4ms

Max. Recoil

60Hz

Frame Rate 60Hz



Touch screen

IP67

IP67 waterproof rating

≤20mk

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.

115g



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

Tiny Body

Sharp Vision

Round & Square Designs
— Lightly Customizable.



TheRedot M2



Application Scenarios

Holding, accompanied by a helmet, rifle scope , and pistol sights.



Handheld, TouchScreen Operate



Pairing with helmet - The smallest type of head-mounted Thermal Monocular



Flip-up Mini Thermal Clip-on Sight



Pistol sight - The smallest mini sight

Product Specifications



| Product Model | TheRedot M2 |
|------------------------------------|--|
| Image Sensor | Uncooled Focal Plane Arrays |
| Max. Resolution | 256x192 |
| Frame 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 |
| Focus Mode | Focus Ring |
| Field of View(H×V), Degrees/m@100m | 13.5° × 10.1°/23m × 17m |
| Min. Focusing Distance | 0.5m |
| Magnification | 1X - 4X |
| 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, 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 | 1000g/0.4ms |
| Zeroing Profiles | 3 |
| Power Supply | |
| Battery Type | CR123, 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 | 51.5 mm × 51.5 mm × 47.5 mm |
| Working Temperature | -20 °C to +50 °C (-4 °F to 122°F) |

TherView M1

Monocular Thermal Imaging

Ai Thermal Monocular

10/15
mm

Focal Length

AI

Resolution: 384x288

1.43"

AMOLED



AI Thermal Monocular

1.43"

1.43" AMOLED 60Hz

8x

8x Digital Zoom

384 x 288

AI Super Resolution

APP

(Android and iOS)

PIP

PIP

Hot Spot Marking

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: 11.69°x8.78°



Laser Positioning



WiFi Hotspot/Station



USB/OTA Upgrade



IP66



Type-C Charge



Continuous Use
Up to 8 Hours



Tripod
Mountable

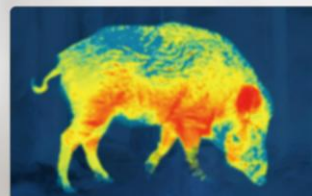


AI Super Resolution

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.

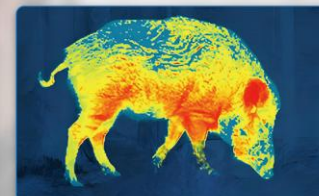
Other



Ours



Ours-AI Super Resolution



Affordable Price

Affordable **price**, no compromise on quality

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



Field of view



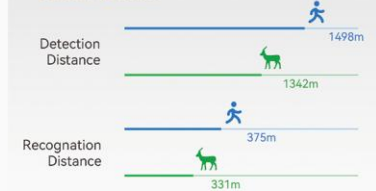
| | |
|---------------------|----------------|
| Ai super resolution | 384x288 |
| NETD | ≤40 mk |
| Sensor | 256x192 (12μm) |
| Lens | 15mm F0.95 |
| Field of view | 11.69x8.78° |
| Screen refresh rate | 50 Hz |

| | |
|------------------|---|
| Digital zoom | 1-8x digital zoom |
| Waterproof level | IP66 |
| APP | Android and iOS |
| Display screen | 1.43" AMOLED |
| Interface | Type-C (Compatible: Mic, HDMI, CVBS) |
| Network mode | Hotspot & WIFI |

8h+ 3200mA

Distance

Lens: 15mm



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 pocket. 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.



Pocketable Compact Light



CVBS For Movable Screen



Thermal imaging external screen

APP



Supports Wi-Fi hotspot and Sta mode. In hotspot mode, the phone will disconnect from the Internet when it is connected to the device. We solved this problem with Sta mode, where the phone stays online while connected to the APP.



APP



Smart phone

Features: Image Mode

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



White Hot



Black Hot



Red Hot



Iron Hot



Green Hot

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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.

APP

Available on the
APP Store

GET IT ON
Google Play



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.



IP66



-20°C~+60°C



3200mAh



Product Specifications

| | |
|-----------------------|---|
| 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 |

TherComp X1 Thermal Imaging Sight


Laser
Rangefinder


Ballistic
calculator


Team Map
Sharing

320x240
AI Super
Resolution

1024x768
Screen

HuntIR APP
Android+ios


IP67


Battery*2


MIC

FORESEEN OPTICS



Excellent Image Performance
Among Similar Products

AI Super-Resolution
Better Image Quality



One-Touch
Distance Measurement

Automatic
Trajectory Calculation



Video, Analysis, Coaching
The Modes You Have Never Seen Before

**Red Dot &
White Light Sight**

Can Be Freely Expanded
With Red Dot And White Sight,
Three In One



Ensure **Always Work**
When Necessary

Two Internal And External Batteries
Replace The Battery During Operation

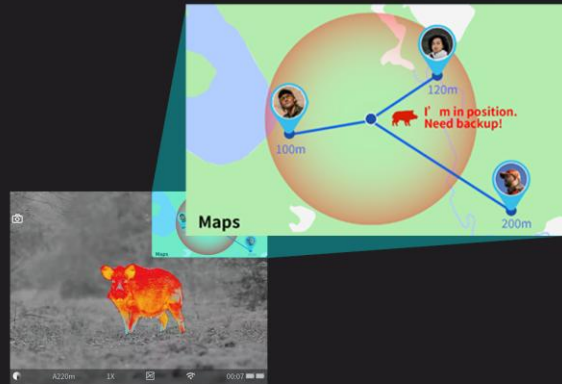


Better Shooting Experience
Distance Humidity
Ambient Temperature
Atmospheric Pressure



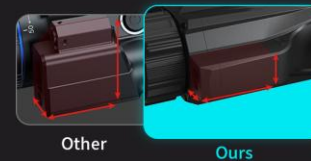
TEAM MAP SHARING

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



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

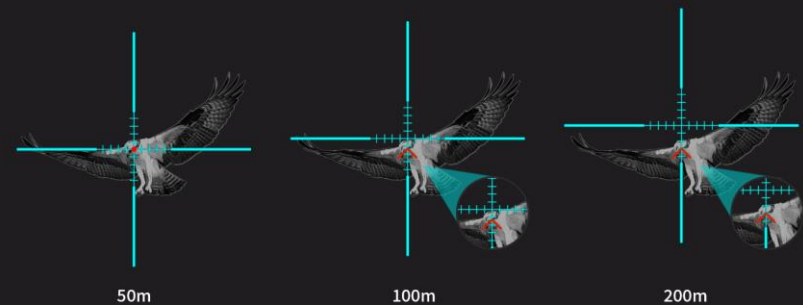
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AI-Super Resolution Technology



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

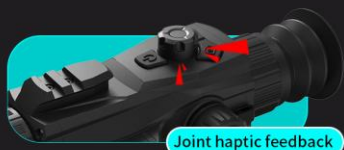
Ballistic Calculator



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

Fingertip rotation control upgraded

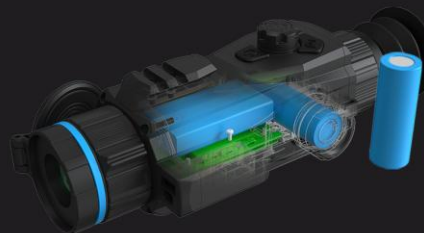
The knob design breaks the button boundary and unlocks a new realm of multi-dimensional control.



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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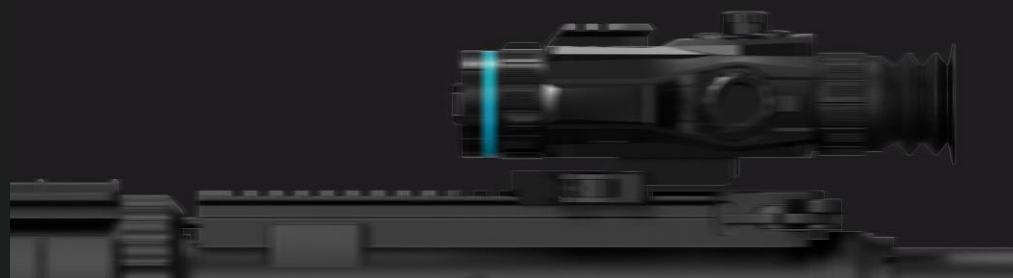
Three in one

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



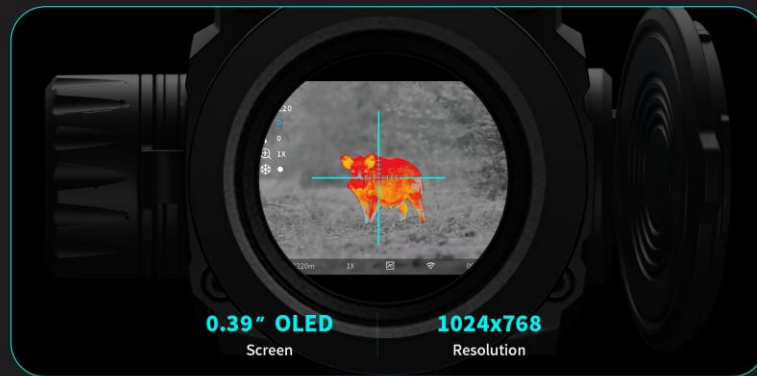
HIGH SHOCK RESISTANCE

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.



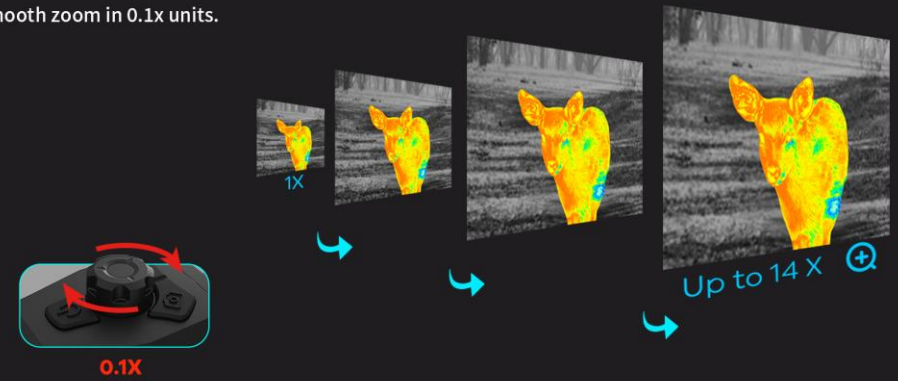
Advanced AMOLED Screen

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



Digital Zoom

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



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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.



Share Exciting moments

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

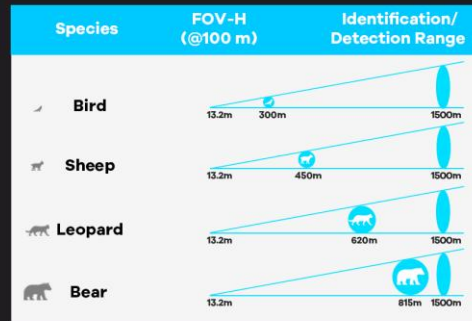


TherComp X1

SPECIFICATIONS

25mm adjustable focus lens

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



| 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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IP67 protection

IP67 design grade can work in all weather conditions



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 |
| Wavelength | 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 |