



Key Details Corner

High-resolution thermal imaging scope: Equipped with a proprietary 640*512 VOx thermal sensor and a NETD sensitivity of $\leq 18\text{mK}$, this thermal imaging scope delivers ultra-sharp thermal imaging and reliable target recognition in low-contrast environments, making it ideal for night-time observation and outdoor exploration.

Built-in 1,000 m laser rangefinder for accurate distance measurement: equipped with a built-in 1,000 m laser rangefinder, this thermal sight provides fast and accurate distance measurement, helping users to quickly confirm the target's range during long-distance observation and improving overall field efficiency.

50 mm germanium lens thermal monocular for stable long-range imaging: featuring a high-end 50 mm F1 lens. Equipped with a germanium lens, these thermal monocular offers high infrared transmission, sharper thermal details and stable long-range imaging performance, ensuring clear detection even in challenging outdoor conditions.

Smart Wi-Fi thermal scope with one-click photo and video recording: Supports real-time Wi-Fi live viewing and instant photo or video recording, allowing users to easily capture and share thermal images via mobile devices. Designed for professionals who require rapid operation and wireless connectivity in the field.

Robust infrared thermal imaging goggles designed for demanding outdoor use: built with a shock-resistant structure and an IP67 waterproof rating, these infrared thermal imaging goggles are designed for demanding outdoor environments, suitable for wildlife observation, night-time surveillance, security patrols and professional field applications.



EOS-MM06-50LRF 640×512 thermal monocular

Technical specifications		
Sensor	Type	Uncooled vanadium oxide (VOx)
	Resolution	640x512
	Frame rate	50 Hz
	Pixel size	12µm
	NETD	≤18mk
	Eye relief	50mm/F1.0
	Base magnification	2.8X
	Digital zoom	1x/2x/4x/8x
	Exit pupil distance	50 mm
	Diopetre adjustment	+5/-5 D
	Focusing distance	5m – ∞
	Field of view	8.8° x 6.6°
	Detection range	2,500 m (Target size: 1.7 m x 0.5 m)
Display	Colour modes	Warm white, high contrast, warm black, low brightness, fusion
	Type/Resolution	0.39 inches/OLED/1024x768
	3D gyroscope	Yes
Power	Power supply	3 – 4.2 V
	Battery	18650 Li-ion, 3500 mAh
	External power supply	5V (USB)
	Battery life	5 hours
	Impact resistance	10,000 J
	Water resistance rating	IP67
	Operating temperature	-20°C to +50°C
	Dimensions	248.7 x 74.55 x 82.6 mm
	Weight	729.6 g
	Video/photo resolution	1024 x 768
	Video/photo format	.mp4/.jpg
	Storage card	Built-in 32 GB memory card
Wireless	Frequency	2.4 GHz
	Standard	802.11 b/g
	WiFi range	15m
Range	Wavelength	905nm
	Maximum range	1000m
	Accuracy	±1m

640×512 Thermal Sensor

Ultra-Clear Imaging

≤18mk NETD High Sensitivity



640×512 Resolution

≤18mk NETD

12μm Pixel Pitch

50Hz Frame Rate

640×512 Thermal Imaging Scope with LRF



640×512
Thermal Sensor


1000 m
Laser Rangefinder

≤18 mk
Noise NETD

50 mm
Germanium Lens

Laser Rangefinder

1000m Laser Rangefinder

Fast Target Acquisition
High-Precision Measurement



1000m
Distance



Fast
Measurement



Precision
Targeting



Quick
Ranging

Laser Rangefinder

Long-Range Detection Performance

Clear Thermal Observation in Darkness
Designed for Outdoor Detection & Exploration



2500 m
Detection Range



Ultra-Clear
Imaging



All-Weather
Observation

Easy & Smart Operation

One-Click Control & Wireless Connection

Designed for Fast Outdoor Use



WiFi
Connection



One-Click
Recording



Smart
Interface



Instant
Sharing

Built for Harsh Environments

Reliable Thermal Performance Anywhere

Stable Operation in Tough Outdoor Conditions



IP67
Waterproof



10000J
Shock
Resistant



5H
Battery Life



Outdoor
Ready



MM06-50LRF

The MM series thermal imaging telescopes are specifically designed for exploration.

With an almost perfect quality and size ratio, the design is both ergonomic and shock-resistant. Coupled with its powerful thermal imaging capabilities, it makes.



Self-developed
thermal chip



WiFi
Connection



One-click
shooting



Smart
Trajectory



10000
METER
(EQUIVALENT)
10000+ Laser
Rangefinder



1010m
Detection Range

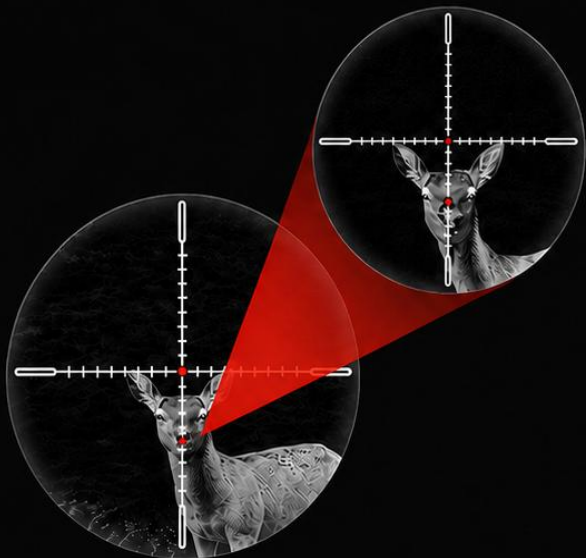


High-definition
screen



1000m Laser Rangefinder

Fast & Accurate Distance Measurement



Intelligent Ballistic Correction

Real-time trajectory calculation for precise targeting.

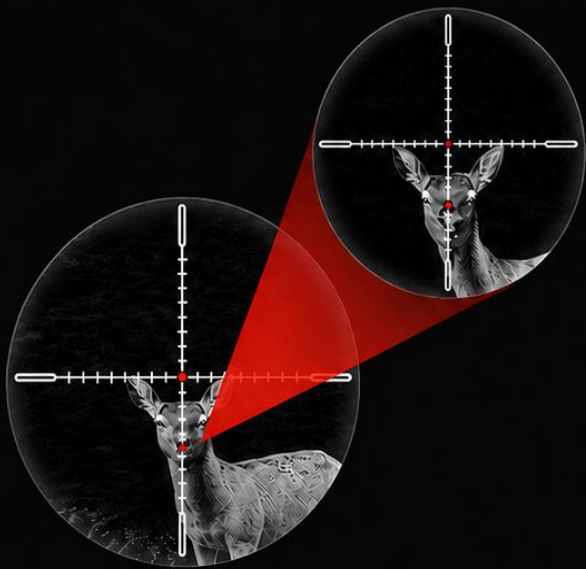
WiFi Live View

Instant wireless view — stream your scope live to your phone.



1000m Laser Rangefinder

Fast & Accurate Distance Measurement



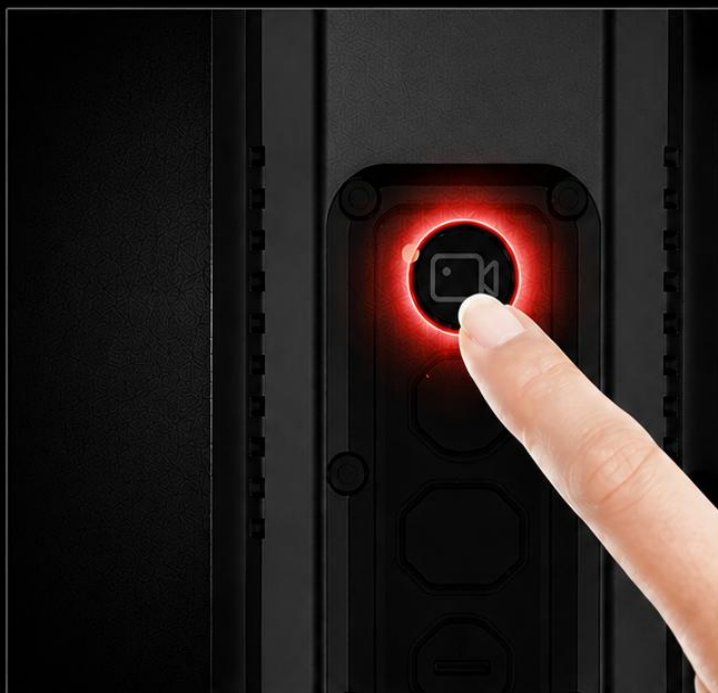
Intelligent Ballistic Correction

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WiFi Live View

Instant wireless view — stream your scope live to your phone.





One-Tap Photo & Video Capture

Instant photo and video capture with a single press.



640×512 Thermal Sensor

Self-Developed Core
Ultra-Clear Thermal Imaging
≤18mK High Sensitivity



50mm Germanium Lens

High Infrared Transnission
Sharper Thermal Details
Stable Long-Range Imaging



100px



BATTERY LIFE

350mAh 18850 Battery
Up to 5 Hours Continuous Use



Battery life

Efficient power design for long
life a battery life up to 5 long outdoor
outdoor operation.



350mAh

1880 Battery

Utp 5 Hours



① Night Wildlife Observation



② Forest Patrol & Detection



③ Security Area Surveillance



Camping Observation & Safety



Technical Specifications

Sensor

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Video/Photo Format	.mp4/JPg
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Standard	802.11 b/g
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Rangefinder

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Accuracy	+/-1m



