



EOS-TGS450 thermal imaging monocular

1. **Exceptional thermal imaging capabilities:** The InfiRay thermal camera (EOS-TGS450) offers an impressive resolution of 384×288, with a pixel size of 12µm and a NETD of ≤25mK, ensuring superior image quality and high sensitivity in a variety of environmental conditions.
2. **Choice of multiple magnifications:** The EOS-TGS450 offers users magnification options ranging from 4.5X to 13.5X, providing flexibility and adaptability in various hunting scenarios.
3. **Advanced display and recording features:** The device features an HD AMOLED screen, ensuring clear and vibrant visuals, whilst its 1280x720 video and photo resolution enhances image sharpness and detail.
4. **Exceptional durability and IPX7 waterproof rating:** Thanks to its rugged construction and IPX7 waterproof rating, the EOS-TGS450 can withstand harsh weather conditions, making it a reliable tool for serious hunters.
5. **Detection range of 2,000 metres, extending to 2,200 metres for a large animal.** The EOS-TGS450 allows users to quickly and accurately locate their prey, ensuring a successful hunt. Furthermore, the scope features a variety of thermal imaging modes, brightness levels and reticule options, offering greater customisation and flexibility.

Aluminium housing: The aluminium housing provides robust protection and durability, making it suitable for rigorous outdoor use.

Multi-coated lens: The multi-coated lens improves light transmission and reduces glare, thereby enhancing image clarity and overall performance.

IPX7 waterproof rating: With an IPX7 waterproof rating, the sight can withstand immersion in water up to 1 metre deep, ensuring reliability in wet conditions.

384x288 thermal resolution: The 384x288 thermal resolution delivers detailed and clear thermal images, improving target detection and identification in low-visibility conditions.



EOS-TGS450 thermal imaging monocular

Magnification	4.5–13.5x	Resolution	384 x 288
Brightness levels	6 levels	Camera frame rate	50Hz
Measurement range	2000 m	Features	Wi-Fi, Video recording, Reticule, Waterproof
Brand name	EOS-TGS450	Customised support	OEM, ODM, OBM, Software re-engineering
Dimensions	335 x 80 x 35 mm	Detector type	Uncooled Vox
Resolution (pixels)	384 x 288 pixels at 12 μm	NETD rating	≤25 mK
Magnification	4.5X / 9X / 13.5X	Display	High-definition AMOLED
Video/photo resolution (pixels)	1280*720 pixels	Waterproof	IPX7 (protection rating)
Image mode	8 thermal imaging modes	Detection range	2000m
Lens	50 mm	Battery type	Lithium 18650
Weight	760g	Warranty	3 years





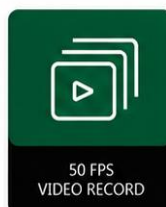
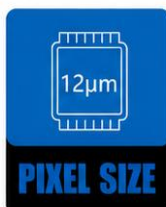
EOS-TGS450 thermal imaging monocular

EOS TGS445 Thermal Imager Scope

Clearer Msuals

ISO CE

FC RoHS





EOS-TGS450 thermal imaging monocular

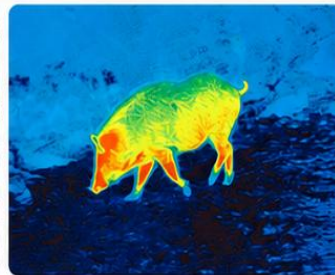
ULTRA SENSITIVE NEWEST GEN SENSOR



White Hot



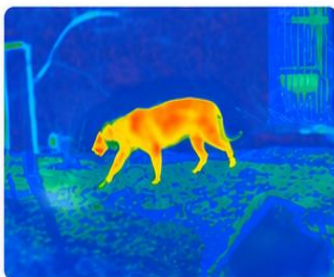
Black Hot



Rainbow



Red Hot



Iron Hot



Dark Brown



Hottest Red



Green Hot

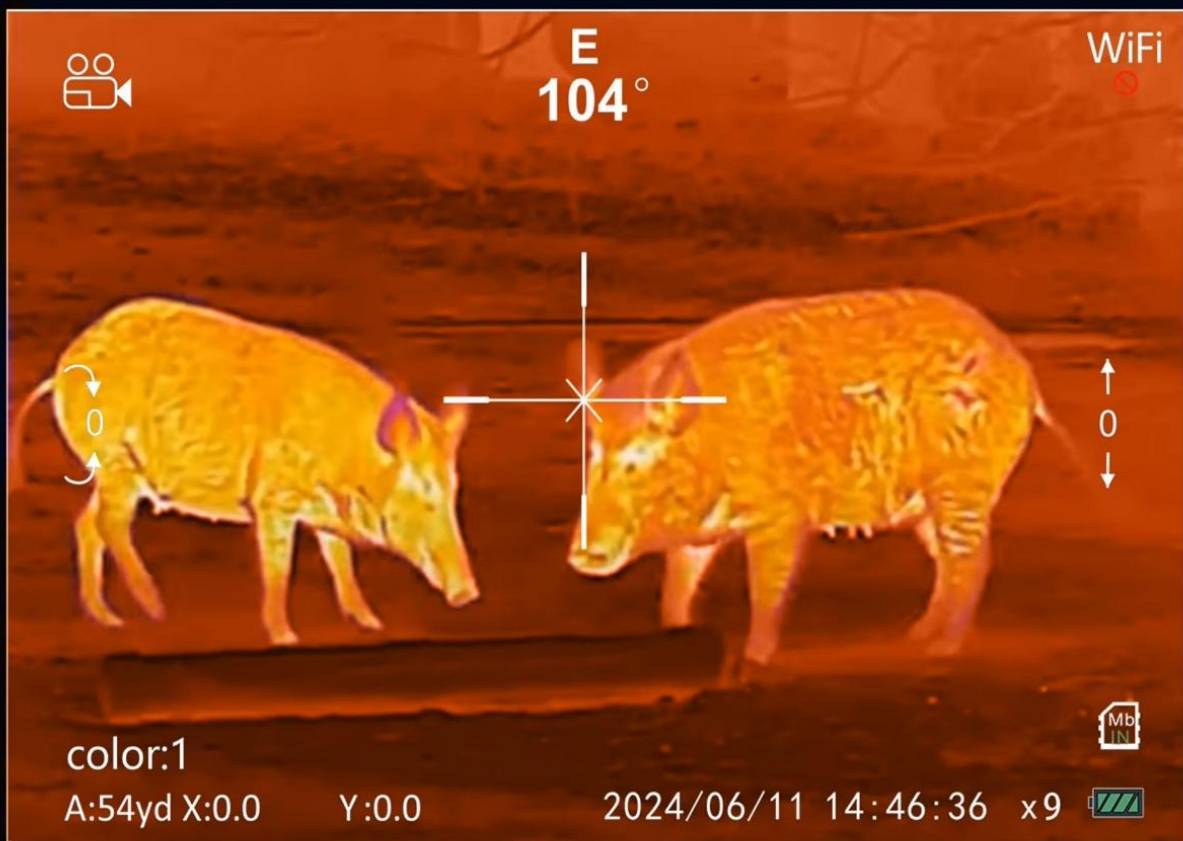


EOS-TGS450 thermal imaging monocular

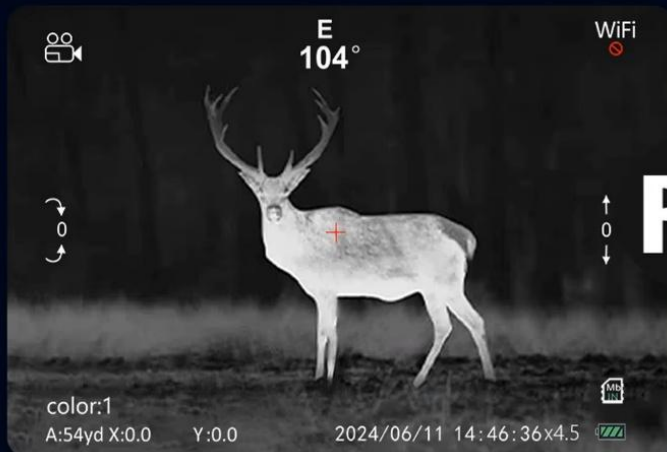
TRV OPTICS

NEW-GEN Thermal Sensors

The powerful thermal imaging technology makes it possible to see prey details



Thermal Imaging Comparison



PK



TGX Series

Resolution 384*288

Resolution Type NEW-GEN

Shoot distance 100yd



other

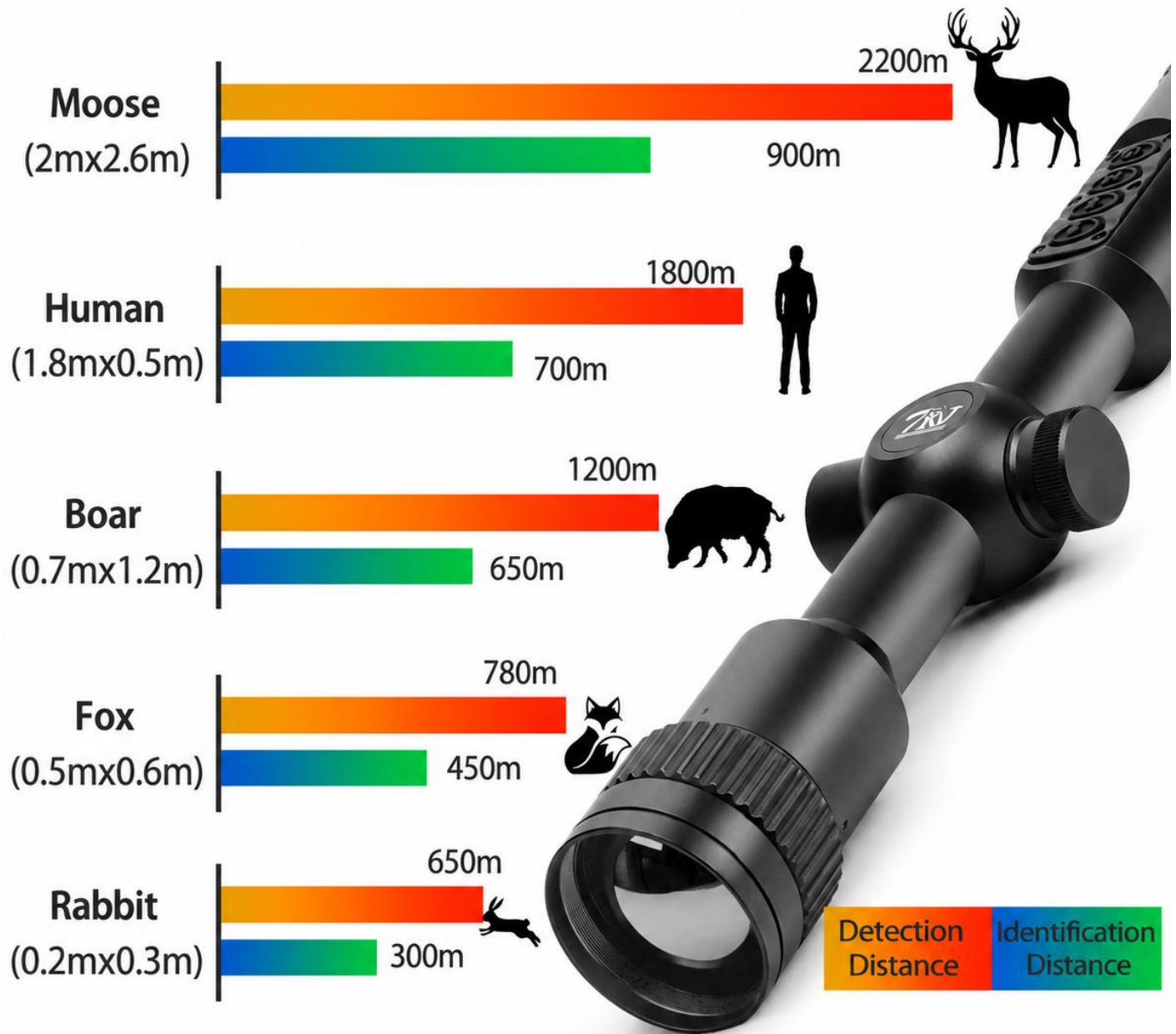
Resolution 400*300

Resolution Type Uncooled

Shoot distance 100yd

Detection Distance

The detection and recognition distances areas follows

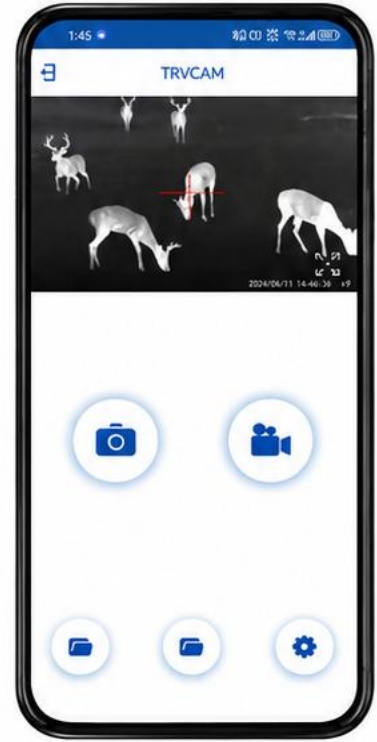




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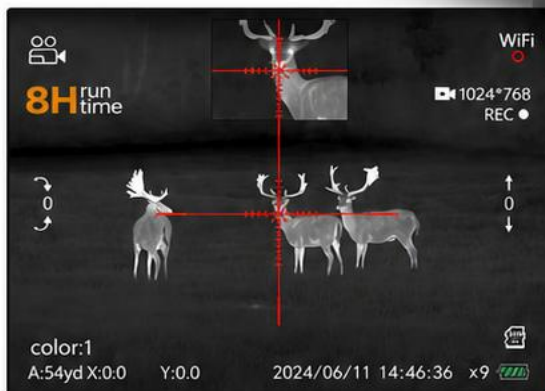
WIFI-ENABLED PREDATOR THERMAL OPTICS APP

Capture and Share Videos/Photos Across iPhone/Android Platforms
with the Dedicated TRVCAM App



ULTRA HD VIDEO /PHOTO RECORDING

Record and Share your Hunt
with a press of a button





EOS-TGS450 thermal imaging monocular

One-click recording

Convenient operation

Support synchronous video projection to mobile phone WiFi connection you can easily record the perfect hunting moment

Click the power button



RECORDED VIDEO





EOS-TGS450 thermal imaging monocular

Battery and shock resistance

Power up Your Experience!

Use 18650 battery power for optimal performance!

8+
HOURS OF
CONTINUOUS USE



Industry-leading Recoil Resistance

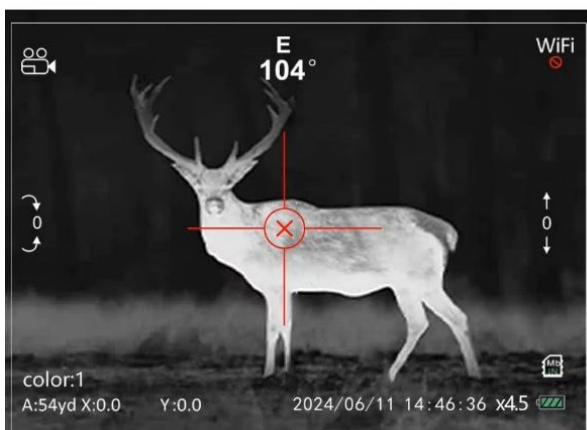
Designed to withstand the recoil of high caliber weapons

8000J

Picture-in-Picture

4.5-13.5X Magnification

Optical combined with digital zoom





EOS-TGS450 thermal imaging monocular

Seven crosshair styles



Optimized design to suit almost all weapons



Tailored to Ensure Optimal Viewing Comfort

Efficient button design

One-click crosshair selection, one-click PIP, one-click video shooting, one-click menu



Optimized battery design

product appearance is smoother, with 18650 battery, the battery life is up to 8 hours

Interface design

Equipped with Type C and TF Card interfaces. 16-64G storage options available





EOS-TGS450 thermal imaging monocular



Product bag



Charger



Data cable



Eyepiece cover



lithium battery



Lens cover



User manual



Cleaning cloth



Bracket



Carton packaging