

1. Exceptional thermal imaging capabilities: The InfiRay thermal camera (EOS-TGS650) offers an impressive resolution of 640x512, with a pixel size of 12 μ m and a NETD $\leq$ 25mk, ensuring superior image quality and high sensitivity in a variety of environmental conditions.
2. Choice of multiple magnifications: The EOS-TGS650 offers users 3X, 6X, 12X and 24X magnification options, 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-TGS650 can withstand harsh weather conditions, making it a reliable tool for serious hunters.
5. Detection range of 2,000 meters, extending to 2,200 meters for a large animal. The EOS-TGS650 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.





EOS-TGS650 thermal imaging monocular

Product	640x512 thermal night vision scope
Magnification	3X/6X/12X/24X
Objective Lens	50mm
Resolution	640×512 at 12μm
Protection class (IP code) (IEC60529)	IPX7
Features	Wi-Fi, Video recording, Reticle, Waterproof
Brightness levels	7 levels
Battery type	18650 lithium battery
Warranty	3 years
Custom support	OEM, ODM, OBM, Software re-engineering
Brand name	EOS-TRV
Dimensions	335*80*35mm
NETD	<25 mK
Weight	760g
Measurement range	2000 m



EOS-TGS650 thermal imaging monocular



ISO CE FC RoHS

THERMAL IMAGING SCOPE TGS 650



One-click Adjustment

One-click adjustment, more efficient operation

Foldable lens cover



Zoom knob



Mute buttons



USB & SD card interface



Battery compartment



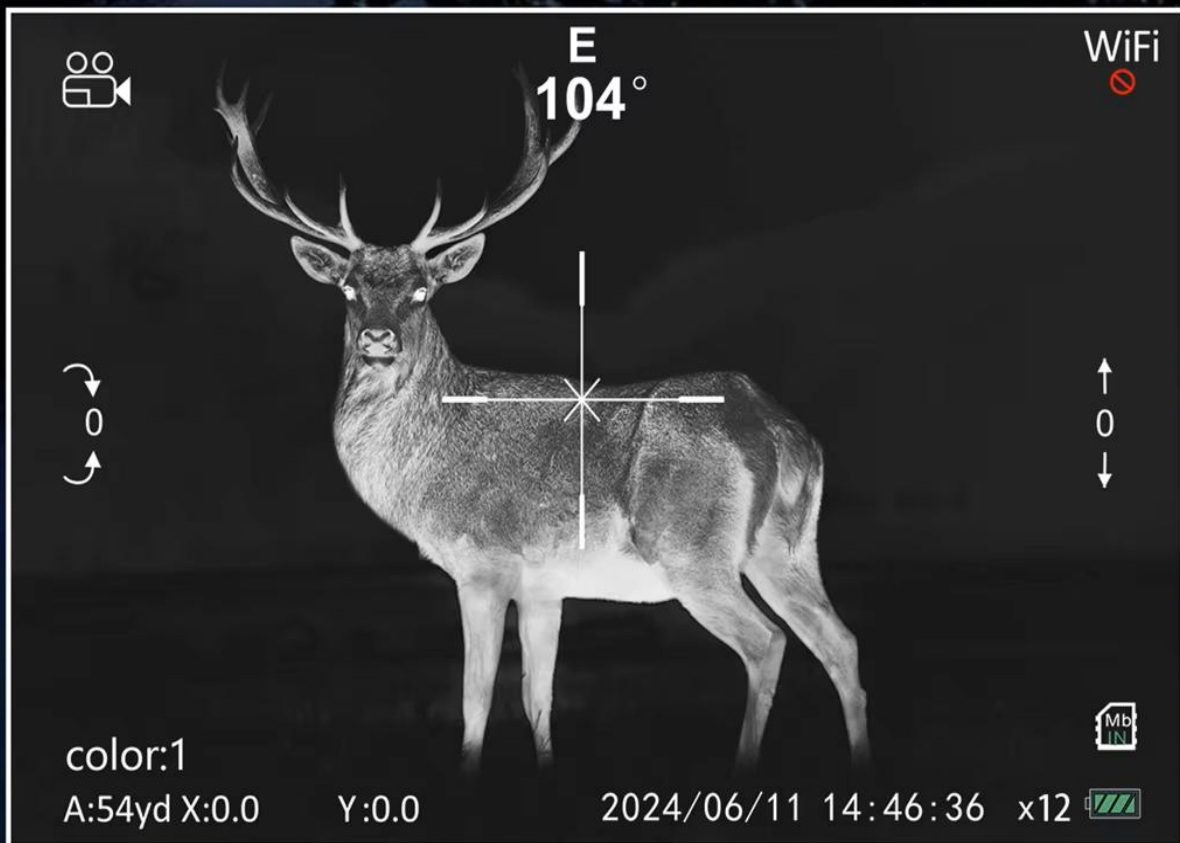


EOS-TGS650 thermal imaging monocular

TRV OPTICS

NEW-GEN Thermal Sensors

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





EOS-TGS650 thermal imaging monocular

Multiple specifications

Comprehensive product range, providing more choices 256x192、384x288、640x512



TGS 650

Equipped with the latest sensors

Sensor	640*512 12 μ m
NETD	≤ 25 mk
LENS	50MM
ZOOM	3X/6X/12X/24X
Frame rate	50HZ

TGS 450

Equipped with the latest sensors

Sensor	384*288 12 μ m
NETD	≤ 25 mk
LENS	50MM
ZOOM	4.5X/9X/13.5X
Frame rate	50HZ



8 Color Modes

More options for different environments, Provide the best shooting habits for you



White Hot



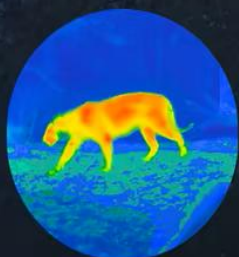
Black Hot



Rainbow



Red Hot



Iron Hot



Dark Brown



Hottest Red



Green Hot

Detection Distance

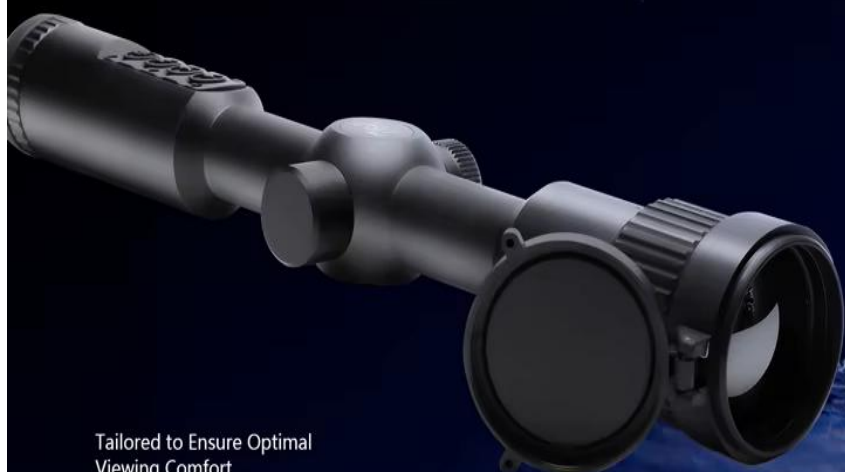
The detection and recognition distances areas follows





EOS-TGS650 thermal imaging monocular

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



Interface design

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



Optimized battery design

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



Suitable for Hunting Day and Night

Combining a highly sensitive thermal imaging detector with a resolution of 640*512, 12um pixel pitch, and NETD $\leq$ 25MK, combined with a high-performance sensor and a high-resolution display, TGS650 provides the best hunting experience in various scenarios.



Extremely sensitive



High image resolution and clarity



Precise target acquisition



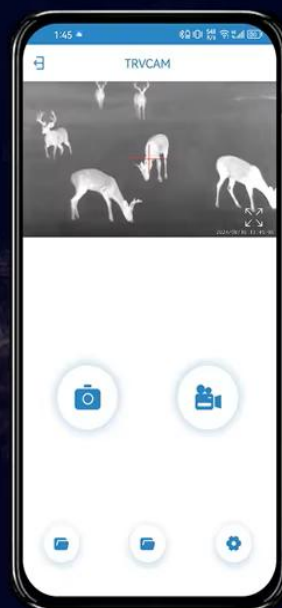
Strong dynamic capture ability



EOS-TGS650 thermal imaging monocular

WIFI-ENABLED PREDATOR THERMAL OPTICS APP

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



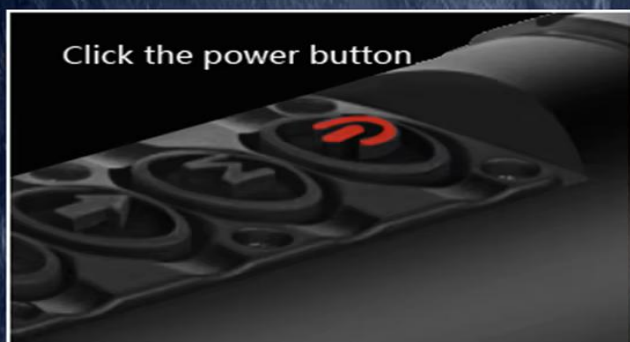
PIP & Video RECORDING

VIDEO/PHOTO
RESOLUTION 1024
x768

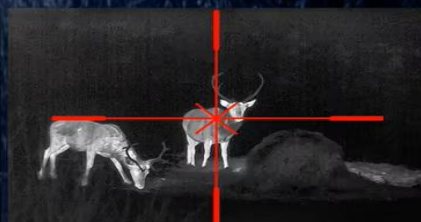
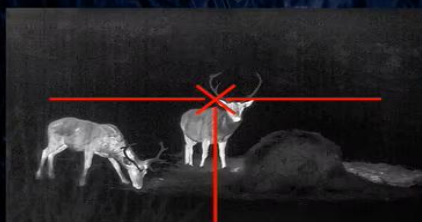
PIP



Record and Share your Hunt with a press of a button



Seven crosshair styles





Product bag



Charger



Data cable



Eyepiece cover



lithium battery



User manual



Cleaning cloth



Bracket



Carton packaging