



EOS-NT19 Multispectral Thermal Imaging

Where human vision ends, EOS begins. We develop precision optics and AI-assisted night vision as your gateway to the invisible.

DAY: Go beyond the limits of daylight – EOS binoculars can spot a falcon at 1,500 m.

NIGHT: Penetrate the Walls of Night – Thermal technology detects heat signatures through fog, bridging two realms – Conquer horizons, whether light or dark, with seamless ease.

Thermal imaging and multispectral viewfinder with 2K day sensor: Thermal imaging technology offers superior night-time detection capabilities, complemented by a 2K day sensor for all-weather use, day or night. The EOS-NT19 features a highly sensitive 12-micron pixel detector with a resolution of 384×288 and a NETD of less than 20. The EOS-NT19 uses a 2K daytime sensor, offering excellent sensitivity and superior image clarity in daylight conditions.

Multispectral display mode: The EOS-NT19 allows you to switch easily between display modes (day/thermal, thermal only or mixed mode).

Compact and lightweight design: The EOS-NT19 prioritises a compact design and lightweight construction.

Integrated dual sighting system: The EOS-NT19’s ‘one-shot zeroing’ function works equally well in both thermal and 2K modes. Simply fire a shot and adjust the reticle to the same point of impact (POI)

- **2K daytime resolution:** Provides high-quality, detailed images during the day for better target identification and clarity.
- **384x288 thermal resolution:** Ensures clear and precise thermal images, improving detection and recognition in low-light conditions.
- **PIP (Picture-in-Picture) function:** Allows simultaneous viewing of thermal and visible images, improving situational awareness and target verification.
- **Wi-Fi connectivity:** Enables remote control and real-time image transmission, facilitating sharing and monitoring during use.

Type / Model	Multispectral thermal imaging scope / EOS-NT19
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EOS-NT19 Multispectral Thermal Imaging

Thermal / visible resolution	384*288 + 2k
Frame rate	60 Hz
Thermal resolution (pixels)	384×288 px @ 12μm ≤20mk
Thermal magnification	1X / 2X / 3X / 4X
Lens	19 mm
Imaging mode	7 thermal imaging modes
Reticules	4 types of reticules and 5 colours
Magnification	1–5×
Brightness levels	6 levels
Measurement range	1,800 m
Daytime resolution (pixels)	2K
Daytime magnification	1X / 2.5X / 5X
Field of view	8° × 6°
More features	PIP / Multilingual / Wi-Fi / Video recording / Dual-light fusion
Zero calibration	Yes
Dimensions	127 × 68 × 60 mm
Weight	480g
Manufacturer's warranty	3 years







PIP Dual View

See Thermal & Night Vision on One Screen

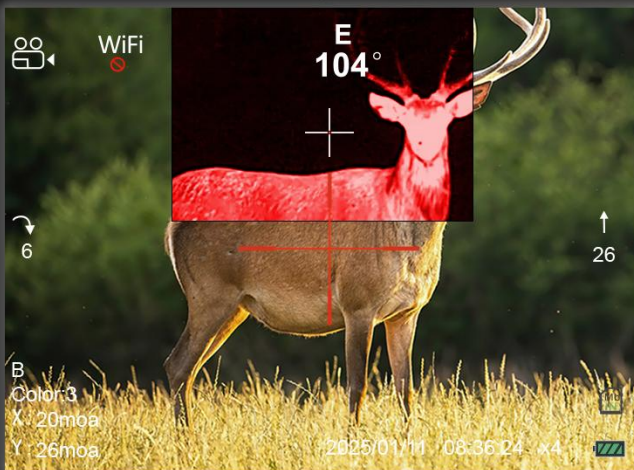
Top PIP & Central PIP Modes



PIP

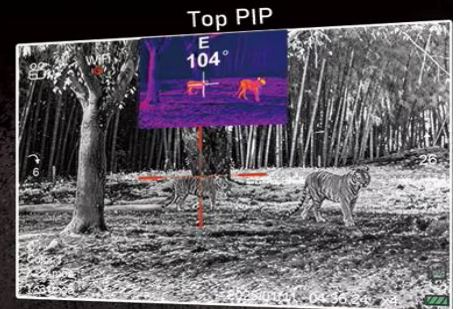
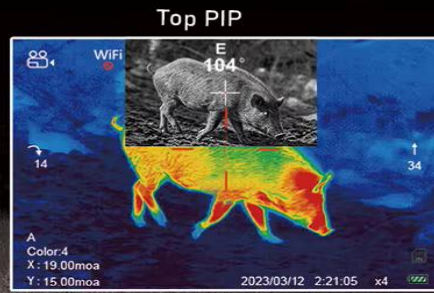
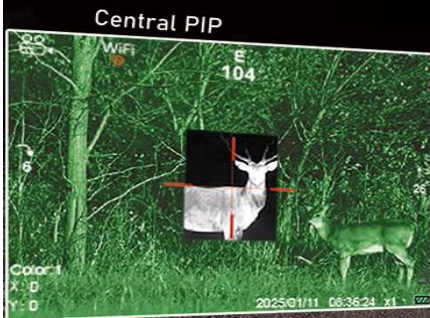


Day & night



Faster Detection. Better Accuracy

PIP Dual View Top & Central PIP Modes



Display thermal and night vision together on one screen



EOS-NT19 Multispectral Thermal Imaging



Dual Fusion Technology

Thermal Detection + Night Vision Identification



Designed for Pest Control in the UK



EOS-NT19 Multispectral Thermal Imaging

Precision Imaging System

Flexible Zoom for Detection & Identification

384*288 Sensor



1x/2x/3x/4x
ZOOM

Night Vision



1x/2.5x/
5x Zoom

3 Night Modes | 7 Thermal Modes

One-Key zero-Freeze. Adjust.Save.



①

Press freeze

②

Adjust reticle

③

Confirm zero

Zero both channels – same impact point.

Freeze Zeroing System

Zero Once for Both Thermal & Night Vision



Freeze the image and adjust precisely with one setup



EOS-NT19 Multispectral Thermal Imaging

High-Sensitivity Thermal Imaging



Clear Heat Detection in Challenging Conditions
384*288 | NETD ≤20mK | 12μm | 50Hz

High-Definition Night Vision



Enhanced Detail for Accurate Identification
2K CMOS Sensor | 60Hz



Flexible Viewing Options

Seven thermal modes



White Hot



Black Hot



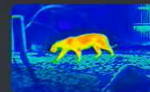
Dark Brown



Rainbow



Green Hot



Iron Hot



Hottest Red



Thermal: 1-4X

Night Vision



LV.1



LV.3



LV.5



LV.8



LV.10



Night Vision: 1-5X

Adjust Zoom & Colour Modes for Any Environment
Thermal & Night Vision both support multiple zoom levels and display modes

Center PIP



Night Vision



Thermal



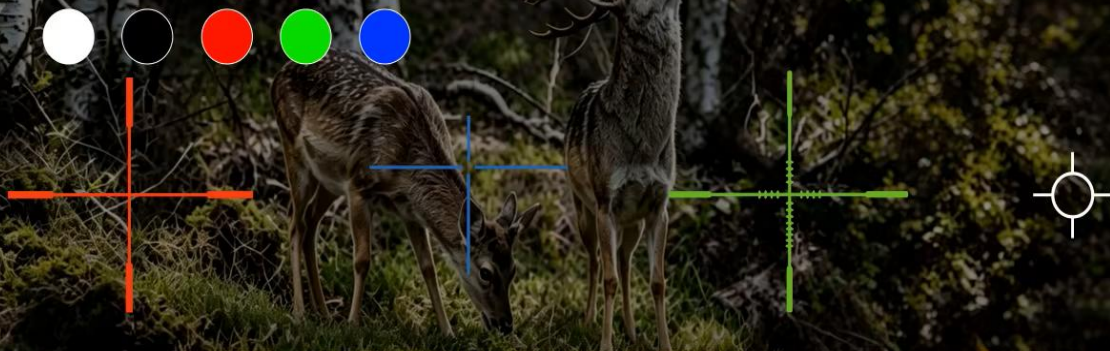
One-Click Mode Switching



Switch Between Night Vision, Thermal & PIP Instantly
Quick access to different viewing modes for any situation

4 Reticle x 5 Colors

Choose Your Preferred Colour & Shape



Adapt reticle style to improve visibility and accuracy

Reliable Outdoor Performance



Waterproof Design with Long-Lasting Power

Built for extended use in rain,
fog and cold conditions



Compact & Practical Design

Compact & Practical Design

Optimised Size with Clear Display



Product Size: 127x68*60mm



Weight: 480g



2-inch HD IPS (800x600)



19mm

Thermal imaging lens: 19mm
384*288 | NETD < 20mK
12μm | 50Hz



EOS-NT19 Multispectral Thermal Imaging

Built for UK Pest Control

Fox | Rat | Rabbit Detection

Ideal for Farms, Fields & Countryside



Ideal for Farms, Fields & Countryside

Built for UK Weather

Waterproof & Durable Design

Reliable in Rain, Fog & Cold Conditions





NT19 Thermal Scope



Carton packaging



Charger



lithium battery



Cleaning cloth



Eyepiece cover



User manual