



TS005

Explore Like a Pro

Designed for professionals in wildlife monitoring, law enforcement, search and rescue, and outdoor adventures, the TS005 offers top-tier performance in a rugged package. Featuring a 35mm adjustable lens, coupled with an impressive 384*288 IR resolution, it ensures image quality and long-range detection. It also comes with two rechargeable 18650 batteries that don't require polarity alignment for quick replacement. Whether exploring in autumn or winter, the TS005 performs reliably, allowing you to fully immerse yourself in the joy of discovery and commit to excellence in your outdoor pursuits.



Features

- 35mm Adjustable Lens for Extra-Long Detection Range
- Accurate Distance Measurement of Up to 650yd (594m) with the Laser Rangefinder
- Extensive Detection Range of Up to 1400yd (1280m)
- Get a Closer Look at Far-Off Objects with Up to 8X Digital Zoom
- Detailed Thermal Images with 384*288 IR Resolution & 50Hz Refresh Rate
- Adjustable Eyepiece for Sharper Visuals
- Easy Battery Swaps with 2 Replaceable & Rechargeable 18650 Batteries
- IP65 Waterproof & Dust-Proof for Various Environments
- Ensure Long-Term Use with Rugged Aluminum Alloy Construction
- Silent & Light-Free Operation for Stealthy Nighttime Outdoor Use
- Store Millions of Photos or Hours of Videos with Built-in 64GB Storage

Specs

- IR Resolution: 384*288
- Focal Length: 35mm (Adjustable)
- Pixel Interval: 12µm
- NETD: <35mK
- Display: 1024*768 OLED
- Detection Range: 1400yd (1280m)
- Distance Measurement: Laser Rangefinder, 650yd (594m)
- Magnification: 1x, 2x, 4x, 8x
- Field of View: 10.4° * 7.9°
- Frame Rate: 50Hz
- Battery Type: Replaceable and Rechargeable Battery
- Single Battery Capacity: 3300mAh
- Single Battery Operating Time: 3 Hours
- External Power Supply: USB-C Port
- Storage: Built-in Memory, 64GB
- Protection Level: IP65
- Weight: 0.88lb (400g)
- Dimension: 6.7*3.1*2.1in (170*78*54mm)
- Operating Temperature: -4°F to 131°F (-20°C to 55°C)

What's In The Box

- TS005 Thermal Monocular ×1
- USB-A to USB-C Cable ×1
- Video Cable ×1
- Battery Charger ×1
- Battery ×2
- Carrying Bag ×1
- Quick User Guide ×1
- Package Box ×1



Comparison

Specs		
Model	TS004	TS005
Ideal For	Beginners	Professionals
IR Resolution	256 * 192	384 * 288
Refresh Rate	50Hz	50Hz
Objective Lens	13mm	35mm (Adjustable)
Field of View (FOV)	13.5° * 10.1°	10.4° * 7.9°
Display	640 * 480 LCOS	1024 * 768 OLED
Detection Distance	450yd (410m)	1400yd (1280m)
Laser Rangefinder	×	650yd (594m)
Video Recording	√	√
Battery Capacity	5000mAh	Replaceable Battery, 3300mAh
Battery Life	11h	6h (2 batteries, 3h for each)
App	√	×
Protection Level	IP67	IP65

CONTACT US





 @topdonofficial

TOPDON TECHNOLOGY Co., Ltd. | WWW.TOPDON.COM

sales@topdon.com | +86-755-21612590 | +1-833-629-4832 (North America) | +34 931 677 441 (EU)
 Unit 2005 20/F, No.3040 Xinghai Avenue, Qianhai Shimao Tower, Qianhai Shenzhen Cooperation
 Zone, Shenzhen, P.R.China | 518000