

TD Gen3 LRF Series

Handheld Thermal Imaging Monocular

Seize the Hunt

Introduction

The TD Gen3 LRF Series handheld thermal imaging monocular innovatively integrates a laser rangefinder while maintaining a compact design. The focusing roller allows for convenient one-handed operation, while the symmetrical ergonomic design enables flexible handling with either hand. With an impressive 12-hour battery life and IP67, it is well-equipped to handle various outdoor challenges. Featuring Wi-Fi connection, it enhances the efficiency and enjoyment of your exploration.

Features

- o Ergonomic design with a focusing roller for one-handed operation.
- o Integrated 1000m high-accuracy laser rangefinder.
- o 0.36" AMOLED display for upgraded crisp images.
- o 18650 battery provides up to 12-hour operation, easy installation in the dark.
- o Built-in 32GB storage for recording photos, videos, and audio files.
- o IP67 waterproof & dustproof, all-weather durability.
- o Dual-band Wi-Fi connection, OTA upgrade via TargetIR APP.

Applications

- o Night Hunting
- o Wild Adventure
- o Search & Rescue



Specifications



Product model	TD433L	TD633L
Sensor		
Type	Uncooled VOx Infrared Detector, 8 to 14μm	
Resolution	400×300@12μm	640×512@12μm
NETD	25mK	20mK
Frame rate	50Hz	
Lens		
Objective lens	35mm F1.0	
Field of view	7.9°×5.9°	12.5°×10°
FOV m@100m	14×10	22×17
Magnification	2.9x~11.6x	1.8x~14.4x
Detection range	1800m/1950yd	
Focus	Manual	
Display		
Display type	0.36" AMOLED 1280×960	
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia	
Eyepiece	Eye relief: 20mm; Diopter: -6 to +6; Zoom: 13.8x	
Hardware		
Laser rangefinder	1000m/1090yd	
WIFI	2.4G, 5G	
Interface	USB-C	
Others	Microphone, Bluetooth	
System		
Recording function	Photo/Video (Audio recording included)	
Memory capacity	16GB	32GB
Power		
Battery type	Single, Replaceable 18650 Battery	
Operating time	12 hours	10 hours
Environmental		
Operating temp.	-20°C to 50°C / -4°F to +122°F	
Encapsulation	IP67	
Physical		
Weight (g/oz)	370/13.05	376/13.26
Size (mm/in)	159×54×74/6.26×2.13×2.91	
Standard	Device, Dust-Free Cloth, Hand Strap, Eye Mask, Battery Charger, 18650 Battery ×1, 5V 2A Adapter (US, UK, Australia, and Europe), USB-A to USB-C Cable, Quick Start Guide, Warranty Card	
Optional	Bluetooth Remote Control, 18650 Battery	

* Product performance is based on testing in a controlled laboratory environment. Your test results may vary due to several external and environmental factors. All specifications are subject to the actual product. The manufacturer reserves the right to modify technical specifications without notice or liability to you.