



TB LRF Pro Series

Clip-on | Thermal Imaging Attachment

1500m in Your Reach



Introduction

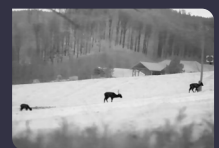
After an in-depth hardware upgrade and software optimization, the TB LRF Pro Series combines precision and portability. Its appearance remains light without reducing professionalism at all: built-in laser rangefinder can reach an ultra-long distance of up to 1,500 meters; two batteries empower a longer operating time; full HD AMOLED display brings a rich and detailed visual experience; it also supports intelligent functions such as image tracing, automatic recording after each shot, etc.

Features

- o 12 μ m advanced thermal detector, NETD down to 18mK.
- o Full-HD 1920×1080 AMOLED display.
- o Built-in laser rangefinder up to 1500m.
- o Support image tracing, automatic recording.
- o Double side focus knob for easy operation.
- o Video recording including synced audio.
- o IP68, shock resistance up to 1000G.

Applications

- o Night Hunting
- o Search & Rescue
- o Law Enforcement
- o Personal Security



Specifications

Product model	TB630LP	TB650LP	TB1250LP
Sensor			
Type	Uncooled VOx Infrared Detector, 8 to 14μm		
Resolution	640×512@12μm		1280×1024@12μm
NETD	20mK		18mK
Frame rate	50Hz		50Hz/120Hz
Lens			
Objective lens	35mm, F1.0	50mm, F1.0	
Field of view	12.5°×10°	8.8°×7°	17.5°×14°
FOV m@100m	22×17	15×12	31×25
Magnification	1x		
Detection range	1800m/1950yd	2600m/2800yd	
Focus	Manual		
Display			
Display type	0.39" AMOLED 1920×1080		
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia		
Eyepiece	Eye relief: 20mm		
Hardware			
Laser rangefinder	1000m/1090yd		1500m/1630yd
WIFI	2.4G, 5G		
Interface	USB-C (Power supply/USB2.0)		
Others	Microphone, Bluetooth		
System			
Recording function	Photo/Video (Audio recording included)		
Memory capacity	64GB		256GB
Power			
Battery type	2 Replaceable 18650 Batteries		
Operating time	9 hours		6 hours
Environmental			
Operating temp.	-20°C to 50°C / -4°F to +122°F		
Shock	1000G (as per IEC60068-2-27)		
Encapsulation	IP68		
Physical			
Weight (g/oz)	561/19.79	582/20.53	617/21.76
Size (mm/in)	161×89×97/6.34×3.50×3.82		
Standard	Device, 18650 Battery ×2, Battery Charger, 5V 2A Adapter (US, UK, Australia, and Europe), USB-A to USB-C Cable, Quick Start Guide, Warranty Card		
Optional	Bluetooth Remote Control, Adapter Ring, 18650 Battery		

Cover ring adapter	
A	Weighs 70g, compatible with 38/40/42/44/46mm
B	Weighs 80g, compatible with 48/50/52/54mm
C	Weighs 90g, compatible with 56/58/60/62/64mm