

## TB LRF Series

Thermal Imaging Attachment

# Ultra-light, Ultra-strong

# outdoor

### Introduction

The TB LRF Series perfectly balances precision and portability. The magnesium alloy housing decreases weight while increasing precision. The weights are over 20% lighter than those of other similar products. It is also more compact than our previous clip-on. Meanwhile, a Full-HD AMOLED display is capable, a wider viewing angle, and richer color. It is the ideal partner for relax hunting.

### Features

- Thermal detector: 640×512@12μm, NETD < 20mK
- Full-HD 1920×1080 AMOLED display
- Magnesium alloy housing, compact design, lightweight but powerful
- Laser Range Finder up to 1000m
- Double side focus knob for easy operation
- Video recording including sound
- IP68, shock resistance up to 1000G/ms

### Applications

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



## Specifications



Product model	TB630 LRF (Version A)	TB630 LRF (Version B)
<b>Sensor</b>		
Type	Uncooled VOx Infrared Detector, 8 to 14μm	
Resolution	640×512@12μm	
NETD	20mK	
Frame rate	50Hz	
<b>Lens</b>		
Objective lens	35mm, F1.0	
Field of view	12.5°×10.0°	
FOV m@100m	22×17	
Magnification	1x	
Detection range	1800m/1950yd	
<b>Display</b>		
Display type	0.39" AMOLED 1920×1080	
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia	
Eyepiece	Exit pupil distance 20mm; Zoom: 9.5x	
<b>Hardware</b>		
Laser rangefinder	1000m/1090yd	
WIFI	2.4G, 5G	
Interface	USB Type-C (Power supply/USB2.0)	
Others	Microphone, Bluetooth	
<b>System</b>		
Recording function	Photo/Video (Audio recording included)	
Memory capacity	64GB	
<b>Power</b>		
Battery type	Single, replaceable 18650 battery	
Operating time	6 hours	
<b>Environmental</b>		
Operating temp.	-20°C to 50°C / -4°F to +122°F	
Shock	1000G at 1ms half sine pulse (as per IEC60068-2-27)	
Encapsulation	IP68	
<b>Physical</b>		
Weight (g/oz)	450/15.87	447/15.77
Size (mm/in)	130×86×79/5.12×3.39×3.11	130×80×79/5.12×3.15×3.11
Standard	A device, Rail, Battery charger, 18650 battery×2, 5V2A adapter (US, Britain, Australia and Europe), USB Type-C cable, Quick use guide, Warranty card	A device, Battery charger, 18650 battery×2, 5V2A adapter (US, Britain, Australia and Europe), USB Type-C cable, Quick use guide, Warranty card
Optional	18650 battery, Bluetooth remote control, Cover ring adapter	

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