



TB Pro Series

Clip-on | Thermal Imaging Attachment

50mm Vision, all in Control



Introduction

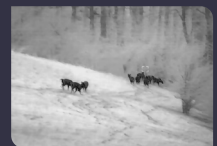
The TB Pro Series perfectly balances precision and portability. The magnesium alloy housing decreases weight while increasing precision. The weights are over 20% lighter than those of other similar products. It is also more compact than our previous clip-on. Meanwhile, a Full-HD AMOLED display is capable,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

Features

- o 12 μ m advanced thermal detector, NETD down to 18mK.
- o 50mm focal length with a maximum detection range of 2600m.
- o Full-HD 1920 \times 1080 AMOLED display.
- o Magnesium alloy housing, compact design, lightweight but powerful.
- 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	TB650P		TB1250P	
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	50mm, F1.0			
Field of view	8.8°×7°		17.5°×14°	
FOV m@100m	15×12		31×25	
Magnification	1x			
Detection range	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				
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)	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