

**Compact in Size High in Performance** 

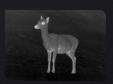
**TB Series** 

Thermal Imaging Attachment

The TB Series bridges the gap between 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.

- 12µm advanced thermal detector
- NETD≤25mK
- Full-HD 1920x1080 AMOLED display
- Magnesium alloy housing, compact design, light weight but powerful
- Two Standard 18650 batteries provides up to 12 hours of operation
- Double Side focus knob for easy operation
- IP68, Shock resistance up to 1000G/ms

- Night Hunting
  - Law Enforcement
- Law Enforcement
- Personal security





## Specifications

Product model	TB420	TB430	TB630
Sensor			
Туре		Uncooled VOx Infrared Detector, 8 to 14 µг	n
Resolution	400×300, 12 μm		640×480, 12 μm
NETD	≤25mK		≤20mK
Frame rate		50 Hz	
Lens			
Focal length	25mm, F1.0 35mm, F1.0		n, F1.0
Field of angle	10.9°×8.2°	7.8°×5.9°	12.5°×9.4°
Optical zoom		1x	
Digital zoom	1x		
Focus	Manual		
Display			
Display type		0.39" AMOLED	
Resolution	1920×1080		
Eyepiece	Exit pupil distance ≥ 20 mm		
Video output	Analog video		
Range Performance		7 maiog viaco	
Detection range	1000 m	141	00 m
Functions	1000 111	1-70	00 111
Scene modes		Enhanced, Highlight and Natural	
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot		
Recording function	Photo/Video		
WIFI	2.4G, 5G		
Supported Application	Z.46, 56  TargetIR		
Firmware OTA	Upgrade device firmware via app connection		
Others	PIP, Hot spot tracking, Rough ranging		
Power		in , not spot tracking, Rough ranging	
Battery type		Two 18650 batteries	
Operating time	≥ 12 hours ≥ 10 hours		> 10 hours
Interface	212	liouis	2 10 110015
USB	USB Type-C		
		озв туре-с	
System  Language settings	English / Bussian / Cormon / Eronoh / Ital	ion/ Spanish/ Japaness/ Vargan/ Polish/	Domanian / Narwagian / Swadiah / Daniah
Memory capacity	English/ Russian/ German/ French/ Italian/ Spanish/ Japanese/ Korean/ Polish/ Romanian/ Norwegian/ Swedish/ Dani 32GB 64GB		
Environmental	32	GD .	0406
		20°C +° E0°C	
Operating temperature	-20°C to 50°C -40°C to 60°C		
Storage temperature			
Humidity	10 % to 95 % non-condensing		
Shock	1000 G at 1 ms half sine pulse (as per IEC60068-2-27)		
Drop	1m		
Encapsulation	IP68 ID69 ECC CE DoUS LIVCA EAC WEEE up39 3 Contification for Air transport		
Certification	IP68, FCC, CE, RoHS, UKCA, EAC, WEEE, un38.3, Certification for Air transport		
Physical Waight	.400	.405-	.440
Weight	≤420g	≤425g	≤440g
Size	Davisa 10050 hattara 0 Davista 1	128x79x79 mm	Assetuation and France Novich stant
Standard	Device, 18650 battery×2, Desktop charger, Type C cable, 5V2A adapter (US, Britain, Australia and Europe), Quick start guide, Warranty card		
Optional	18650 battery, Bluetooth remote control, Cover ring adapter		

Cover ring adapter		
Α	Weight 70g, Compatible with 38/40/42/44/46mm	
В	Weight 80g, Compatible with 48/50/52/54mm	
С	Weight 90g, Compatible with 56/58/60/62/64mm	