

TA450

Thermal Imaging
Attachments

Endow your daylight scope with Thermal Vision



Introduce

TA450 helps to transform optic sight into a night vision sight, no re-zeroing required, easy to use, excellent imaging, compact and lightweight, durable, suitable to various environments.

Application

- Outdoor observing and aiming
- Law Enforcement

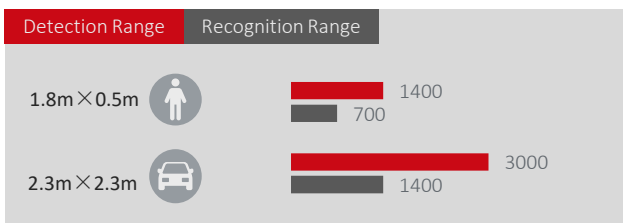
Features and Benefits

- Scene modes upgrade to highlight the target effectively
- Compact and lightweight
- OLED color eyepiece display, capable of displaying images in various color modes
- Encapsulation IP67
- Super sound-off and bright light Cut-off System, prevent exposure
- Optional Bluetooth remote controller for easy operation
- Quick mount and no-shot zero (recommended magnification of the day scope/sight : 3-5X)



Specifications

Model	TA450
Detector	
Detector Type	400×300@17μm, VOx
Spectral	8μm~14μm
NETD	≤50mk
Focus lens	
Focal Length	50mm F1.2
Focusing	Manual focus
FOV	7.5°×5.6°
Display system	
OLED	Colorful 0.39 inch OLED screen 1024×768
Eyepiece	Monocular, Pupil Distance 10mm, Pupil Caliber 20mm
Digital Zoom	1
Image Processing	
Frame Rate	50Hz (PAL)
Digital Zoom	2×,4×
Auto Tracking	Hotspot track
Calibration	Automatic calibration/ Manual calibration (shutter) /Manual scene compensation
Scenes Modes	Enhanced, Highlight, Natural
Color Palettes	Black hot, white hot, red hot, green hot
Contrast/Brightness	Adjustable
Power Systems	
Battery	CR123A×2/ICR16340×2
Power Supply	can be powered by 5V2A external power supply
Working Time	Continuous Operating over 3 hours@25°C
Interface	
7-Pin LEMO Interface	Support video output and external power supply
Environment parameter	
Operating Temperature	-30°C-50°C
Storage Temperature	-45°C-70°C
Humidity	Working and storage 10% ~ 95%, Non condensing
Impact	500G/1ms
IP level	IP67
Certificate	RoHS Certificate/CE Certificate/FCC Certificate
Physical Characteristics	
Weight	≤450g
Size	178mm×58mm×62mm
Package	
Standard	Blinder, Carrying bag,Charger, User manual, 7-Pin Lemo to USB cable, Warranty
Optional	External eyepiece, Adapter ring, CR123A×2(unrechargeable)battery, ICR16340×2(rechargeable)battery, Bluetooth remote controller, Picatinny rail, Charger, Video cable (two in one, power supply & video output)



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

