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TA Series

Clip-on Thermal Imaging Attachment

Endow your daylight scope with Thermal Vision



Introduce

GUIDE TA435/450 Series is a versatile clip-on thermal imaging attachment which helps transform the daylight optics into a thermal imager. It can be taken as a thermal imaging attachment adding thermal imaging capability to your scope, or as a portable thermal imaging monocular as well. This compact, lightweight and durable device can be quickly mounted and dismantled without re-zeroing, providing excellent image in various environments.

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

Application

- Outdoor observing
- Night Hunting
- Law Enforcement
- Law Enforcement



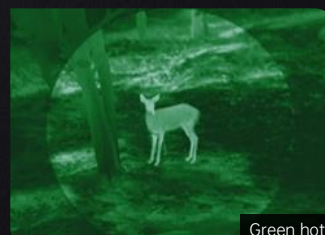
White hot



Black hot



Red hot



Green hot

Specifications



Model	TA425	TA435	TA450
Detector			
Detector Type	400×300 @17μm, VOx		
Spectral	8μm ~ 14μm		
NETD	≤50mk		
Focus lens			
Focal Length	25mm F1.1	35mm F1.2	50mm F1.2
FOV	14.6°×11.0°	10.66°×8.0°	7.5°×5.6°
Focusing	Manual focus		
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	≤400g		≤450g
Size	150mm×52mm×57mm		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(Non-rechargeable)battery, ICR16340×2(rechargeable)battery, Bluetooth remote controller, Picatinny rail, Charger, Video cable (two in one, power supply & video output)		

Detection Range	Recognition Range	TA425	TA435	TA450	Cover ring adapter
1.8m×0.5m		700 350	1000 500	1400 700	A Weight 70g, Compatible with 38/40/42/44/46mm
2.3m×2.3m		1700 700	2400 1000	3000 1400	B Weight 80g, Compatible with 48/50/52/54mm
					C Weight 90g, Compatible with 56/58/60/62/64mm

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