

# TA435

## Thermal Imaging Attachments



### Introduce

TA435 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

- Switchover among five scene modes by one button, truly realizing all-weather environment self-adaptation
- 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 : 2-4X)

# Specifications

<b>Detector</b>	
Resolution	400×300@17μm
Spectral Range	8μm ~ 14μm
NETD	≤50mk@25°C /F1.0
<b>Focus lens</b>	
Focal Length	35mm F1.2
Focusing	Manual focus
FOV	10.66°×8.0°
<b>Image Processing</b>	
Frame Rate	50Hz ( PAL ) /60Hz ( NSTC )
Digital Zoom	2×、4×
Auto Tracking	Hotspot track
Calibration	Automatic calibration/ Manual calibration (shutter) /Manual scene compensation
Color Palettes	Black hot, white hot, red hot, green hot
Contrast/Brightness	Adjustable
<b>Power Systems</b>	
Battery	CR123A×2/ICR16340×2
Charging	On External charger
Working Time	Continuous Operating over 3 hours@25°C
<b>Interface</b>	
4-Pin LEMO Interface	Analog&video output
<b>Display system</b>	
OLED	Colorful 0.39 inch OLED screen 1024×768
Pupil Distance	10mm
Pupil Caliber	20mm
Video Format	PAL/NTSC
Digital Zoom	1
View Finder	Monocular display(×2) ±5 adjustable diopter
<b>Environment parameter</b>	
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
<b>Physical Characteristics</b>	
Weight	≤400g
Size	150mm×52mm×57mm
<b>Package</b>	
Standard	Thermal infrared imager/User manual/Blinder/Warranty
Optional	Adapter ring/External eyepiece/ CR123A×2(unrechargeable)battery/ICR16340×2(rechargeable) battery/Charger/Bluetooth remote controller/Lemo video cable/Picatinny rail
	Cover ring adapterA : Compatible with 38/40/42/44/46mm; Cover ring adapterB : Compatible with 48/50/52/54mm; Cover ring adapterC : Compatible with 56/58/60/62/64mm;
<b>Detection Range</b>	
Human : 1.8m×0.5m	1000m
Vehicle : 2.3m×2.3m	2400m
<b>Recognition Range</b>	
Human : 1.8m×0.5m	500m
Vehicle : 2.3m×2.3m	1000m

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