

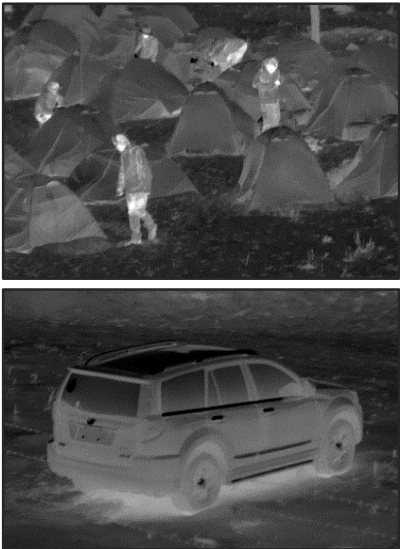
# IR516 Series

## Handheld Thermal Binocular



Night Hunting  
Search & Rescue  
Law Enforcement  
Night Patrol  
Outdoor Sports  
Personal Security

IR516 Series is your ideal choice for day-and-night observation and surveillance. With all these features, it's an essential tool in wildlife observation, hunting, public safety, police and security operations.



- Two detectors for option, normal version 400\*300 and high version 800\*600
- With the integrating function of taking photo, video and reviewing, which can be output by USB
- Power control, contrast and brightness adjustment, image polarity conversion and 2x digital zoom
- Binocular display, can be contacted with external display device

Model	IR516A	IR516B
Detector		
Detector Resolution	400×300 , 17μm	800×600 , 17μm
Spectral Range	8μm ~ 14μm	8μm ~ 14μm
Lens		
Focus	70mm	
FOV	5.6°×4.2°(±5%)	11.1°×8.31°(±5%)
Image		
Image Enhancement	Auto image filtering and sharp	
Brightness/Contrast	Auto/Manual	
Polarity	White-hot/black-hot , palette	
Digital Zoom	2×	
Video Storage	Built-in 16GB SD card	
View Finder	OLED 1280×1024, visual acuity	
Power		
Power Input	12V power adapter or built-in Li-ion battery	
Working Time	≥4h ( without changing battery )	
Interface		
Electrical Interface	power、 video PAL ( NTSC can customizable ) 、 communication RS232	
Mechanical Interface	1/4 inch standard interface	
Environment Parameters		
Working Temperature	- 40℃ ~ 60℃ ( Except for display equipment )	
Encapsulation	IP67	
Electromagnetic Compatibility	GJB151A-97	
Physical Characteristics		
Weight	≤1.5kg ( including battery )	
Size	≤210mm×170mm×100mm	
Package		
Standard	AL18650x4(rechargeable)battery,Charger,Power adapter, External connection cable,Safety box,User Manual	
Optional	Tripod,Carrying bag	

