Wolf30|Wolf60

Thermal Imaging Binocular

Wolf30|Wolf60as high-quality thermal binoculars, can detect people, weapons and animals in any harsh environment. They have been widely used in the night observation and surveillance for soldiers, commanders, armed policemen and other law enforcers.

Features

- Built-in SD card for recording videos and images
- OLED display, 1024×768
- Electronic compass integrated
- Proximity sensor to prevent the eyepiece from leaking light.

Applications

- Law enforcement
- Scouting
- Searching and rescuing
- Hunting

Technical Specifications

Item	Wolf30		Wolf60	
Detector Data				
Type	Uncooled FPA			
Material	aSi			
IR resolution	384×288		640×480	
Pixel pitch	17μm			
Spectral range	8～14μm			
NETD/Sensitivity	≤70mK		≤60mK	
Lens Data				
Focal distance	50mm	75mm	50mm	75mm
FOV	7.5°×5.6°	5.0°×3.7°	12.4°×9.3°	8.3°×6.2°
Recognition distance(Vehicle)	1200m	1600m	1200m	1600m
Recognition distance(Human)	420m	600m	420m	600m
Eye relief	22mm			
Diopter	-5~+5			
Image Performance				
Display	1024×768 binocular OLED			
Polarity/LUT mode	Black hot/White hot			
Frequency	50Hz			
Focus mode	Manual			
Noise reduction	Digital filtering			
Digital zoom	2X		2X, 4X	
Image enhancement	Manual			
Startup time	4s			
Contrast/Brightness	Manual			
Compass	No		Yes	
Interfaces				
Format	Composite aviation plug			
Power interface	Yes			
Video output	PAL			
Storage card	32G			
Power System				
Battery type	2pcs 18650 lithium batteries			
Operation time	≥7h continuous(normal temperature)		≥6h continuous(normal temperature)	
Environment Parameters				
Operating temperature range	-20℃ ~ +50℃			
Storage temperature range	-45℃ ~ +70℃			
Encapsulation	IP67			
Vibration& Shock	MIL-STD-810F			
Physical Data				
Size	183mm×138mm×76mm(without eyepiece)		195mm×140mm×90mm(without eyepiece)	
Weight	<1.2kg(50mm lens with battery)		≤1.3kg(75mm lens with battery)	
Packing				
Standard	Thermal imaging binocular, 4pcs batteries, Charger, Composite output cable, Warranty card, User manual, Certificate, Transport case			