

# NIGHT VISION Thermal Imaging Binoculars



NV-W30/60

## NV-W30/W60, Thermal Imaging Binoculars

NV-W30/W60 are 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.

### Application Case:

Law enforcement • Scouting • Searching & rescuing • Hunting.

**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.



Standard package

Model	NV-W30		NV-W60	
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				
FOV/Focal distance	7.5°×5.6°/50mm	5.0°×3.7°/75mm	12.4°×9.3°/50mm	8.3°×6.2°/75mm
Recognition distance (Vehicle)	1200m	1600m	1200m	1600m
Recognition distance (Human)	420m	600m	420m	600m
Eye relief	22mm			
Diopter	-5 ~ +5			
Image Performance				
Display	800 x 600 binocular OLED		1024×768 binocular OLED	
Frequency	50Hz			
Focus mode	Manual			
Polarity/LUT mode	Black hot/White hot			
Noise reduction	Digital filtering			
Digital zoom	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			
Operating time	≥6h continuous (normal temperature)		≥4.5h continuous (normal temperature)	
Environment Parameters				
Operating temperature range	-20°C ~ +50°C			
Storage temperature range	-45°C ~ +70°C			
Encapsulation	IP67			
Shock & Vibration	MIL-STD-810F			
Physical Data				
Size	183mm x 138mm x 76mm (without eyepiece)		195mm x 140mm x 90mm (without eyepiece)	
Weight	≤1.2kg (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			