

Thermal Binocular



Triple Play Features:

- Day/Night Passive Operation
- Compact Uncooled For Field Use
- Microbolometer FPA

Applications:

- Border/Perimeter Patrol
- Forest Fire
- Law Enforcement Agencies
- Day/Night Scouting
- Hunting and Theft



Thermal Binocular

Specifications

Detector Data	
Detector Type	Uncooled Microbolometer
Resolution	384×288
Pixel Pitch	25um x 25um
NETD	<50mk
Spectral Range	8~14um
Lens Data	
Focus Length	60mm
FOV	9°x 6°
Focus Control	Motorized
Image Performance	
Start-up Time	<15s
Frame Rate	50Hz
E-Zoom	2x
Video Output	NTSC/PAL
Polarity	Black hot/White hot
Viewfinder	OLED
Power supply	
Input Power	9 ~ 16VDC
Consumption	< 5W@25°C
	10.8V Li-ion Battery, or external power
Operation time	> 4hrs
Environmental Data	
Operation temperature	-40°C~+55°C
Storage temperature	-40°C~+60°C
Protection	IP65
Physical Data	
Weight	<1800 (with battery)
Dimension	295(L)×200(W)×120(H) mm



Distance

For man (1.7m X 0.5m)
 Detection: 2.6 Km
 Recognition: 0.7 Km



For Vehicle (2.3m X 2.3m)
 Detection: 5.2 Km
 Recognition: 1.5 Km



Note: Range Data 50% probability of detection and recognition on a clear day, other factors apply

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Specifications are subject to change without prior notice.
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