

## Thermal Monocular



### Triple Play Features:

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

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



**Thermal Monocular**

**Specifications**

<b>Detector</b>	
Detector Type	Uncooled Micro Bolometer
Pixels	320 × 240
Wave length	7.5 ~ 13.5µm
Pitch Size	25µm
<b>Optical</b>	
Focus Length	19mm, F/1.0
NETD	≤50mk@25°C
Focusing Range	3m ~ ∞ (Manual)
<b>Image Display</b>	
Video Output	CCIR Image/ PAL
Polarity	White hot / Black hot
Digital Zoom	2X
View Finder Display	OLED
<b>Power Supply</b>	
Input Power	7.2 ~ 8.4V DC
Consumption	≤4W@25°C
Battery Type	7.2V/2Ah Rechargeable Lithium Battery
Continue Work Time (Battery)	≥3Hous@25°C
Start Time	<30 Seconds.
<b>Interface</b>	
Control	Buttons
<b>Physical Spac</b>	
Dimension	175mm × 80mm × 75mm
Weight	≤700g
Operating Temperature	-40°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Sealing	IP67



**Distance**

For man (1.7m X 0.5m)

Detection: 500m

Recognition: 250m



For Vehicle (2.3m X 2.3m)

Detection: 900m

Recognition: 450m

