

Thermal Sight



Features:

- Day/night passive operation
- Compact uncooled for field use
- Microbolometer

Applications:

- Day/night scouting
- Border & perimeter patrol
- Hunting and theft
- Forest fire



Thermal Sight

Specifications

Imaging effect	
Detector Type	Uncooled Microbolometer
Spectral Range	7 ~ 14μm
Sensor Resolution	384 x 288
Pixel Size (Pitch)	25μm
Optical Lens	41mm
Field of View	11° x 8.2°
Frame Rate	≥25 Hz
Image Display	
View Finder	OLED
Resolution	800 x 600
Eyepiece Dioptric Range	+/- 4D
Image Control	Polarity, Brightness, Contrast
Magnification	4X,
Digital zoom	2X, 3X, 4X
Video Output	NTSC/PAL
Power Supply	
Battery Type	1.5V AA rechargeable batteries
Power Consumption	< 2.5 W
Continue Work Time (battery)	> 6 hours
Battery charger input power	100VAC to 270VAC
Mechanical Parameter	
Weight With Battery	<800g
Dimension (mm)	189 x 114 x 92
Mount Adaptor	Fit with AK Series Rifle, Clip-on, Picatinny Rail MIL (STD-913 adapter), customized adapter available
Environment Suitable	
Operating Temperature	-40°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Protect Level	IP67; MIL-STD-810F



Distance

For man (1.7m X 0.5m)
 Detection: 1300m
 Recognition: 500m



For Vehicle (2.3m X 2.3m)
 Detection: 1800m
 Recognition: 700m



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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