

## Thermal Sight



### Features:

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

### Applications:

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



**Thermal Sight**

**Specifications**

<b>Imaging effect</b>	
Detector Type	Uncooled Microbolometer
Spectral Range	8 ~ 14µm
Array Format	640 x 480
Pixel Size (Pitch)	17µm
NETD(Typical)	< 60mk
Field of View	8.3°×6.2°(wide, 75mm Lens) 4.1°×3.1° (2X digital zoom in) 2.0° ×1.6° (4X digital zoom in)
Frame Rate	> 25 FPS
<b>Image Display</b>	
View Finder	OLED
Resolution	800 x 600
Eye Relief	25mm
Image Control	Digital zoom, Polarity, Brightness, Contrast
Target specify	Fine cross hair with centre dot, Reticule patterns for distance indication (100 to 1000 meters)
<b>Power Supply</b>	
Battery Type	Rechargeable Lithium ion battery
Power Consumption	< 3.0 W
Continue Work Time (battery)	> 6 hours
Battery charger input power	100VAC to 270VAC
External Power Supply	Available
<b>Mechanical parameter</b>	
Weight:	< 1000g (with battery)
Dimension(mm)	265(L)x88(W)x110(H) mm MAX
Mount Adaptor	Quick adapter for 5.56mm INSAS Riflr, AK Series Rifle
<b>Environment Suitable</b>	
Operating Temperature	-40°C ~ +55°C
Storage Temperature	-50°C ~ +70°C
Protect Level	IP67; MIL-STD-810G



**Distance**

For man (1.7m X 0.5m)

Detection: 1800m

Recognition: 600m



For Vehicle (2.3m X 2.3m)

Detection: 3200m

Recognition: 1200m

