

## AGT-ARSN0247 Aries Dual Sensor Thermal Imaging Monocular Camera



### Overview:

This Aries series of dual-lens infrared thermal imaging monocular camera, adopts infrared and low light, which combining the advantages of both infrared and low light. Infrared lenses can see through smoke, fog and grass, and can be used in a total dark and lightless environment; low-light lenses provide higher imaging resolution and easier recognition of objects, make up for the defect of infrared cannot penetrate through the glass. At the same time with the fusion zooming (picture-in-picture function), can zoom in on a single target and maintain with a high degree of clarity.



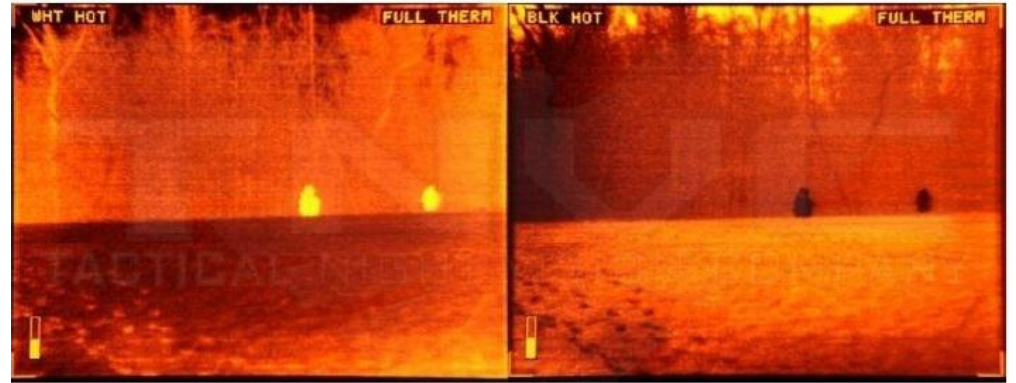
### Application Range:

1. Hunting;
2. Criminal investigation;
3. Forensic and Inspection;
4. Oilfield and chemical plant security monitoring;
5. City Security and Safety Monitoring & Surveillance;
6. Railway system security and guarding;
7. Night gathering evident.

### Specification:

<b>Model</b>	<b>AGT-ARSN0247</b>
<b>Thermal Imaging</b>	
Thermal	VOx Sensor Spectral Range 8um ~ 14um, 17um, 384*288, 50MK@F1.0, 30Hz Lens: 21mm
FOV	17° x 13°
Shutter	No shutter adaptive scene correction
<b>Low Light</b>	
Low light	0.4 um - 1.2um, 2048 x 2048, 0.0001Lux, 30 HZ
Lens	25mm
FOV	10° x 7°
<b>specifications</b>	
Imaging Mode	Single Infrared / fusion low-light / fusion thermal image / Fusion focus (pic-in-pic)
Optical Zoom	4x Optical Zoom
Inteligent algorithm	Fusion hot spot target auto-tracking
Brightness /	Fully automatic, manual

Contrast	
Image Enhancement	Fusion Fog Penetration Enhancement
Image Capture	Tap to take the image
Image Storage	Build-in 16G SD card, can store not less than 10000 static pictures
Image Download	USB
Video Display	support PAL analog video
Built-in display	720 X 540 LCOS
Electrical Interface	Power, USB, analog video
Fusion Imaging Range	Low-light channel: 1.8 x 0.5 human; Detection ≥4000M; identification ≥1500M Infrared channel: 1.8 x 0.5 human; Detection ≥1200M; identification ≥550M
Mechanical Interface	Quater-inch Tripod
Charging	USB power adaptor 5VDC
Battery Life	≥6h
<b>Physical Property</b>	
Weight	<500 g
Dimensions	175.0mm × 88mm × 50mm
Operating Temperature	-20°C ~ +60°C
Storage temperature	-40°C ~ +60°C
Product features	Infrared & low-light dual-spectral fusion, no shutter thermal, electrical compass, compact and flexible, easy to carry



Low Light Effect