

## AGT-ARSN0514 Aries Portable Thermal Imaging Camera



### Overview:

Specially designed for mobile observation. With the latest the 5th generation uncooled thermal technology, unique imaging circuit components and AS optical design, it can search and observe objects effectively up to 5km. It has added advantages like low weight and low power consumption. The camera is equipped with a high-quality rubber soft cover to fit human hands, which suits both portable and fixed observation, for night collecting evidence and target search. One integral aluminium alloy housing and sealed with nitrogen, IP66 protection to ensure the camera works well in severe weather conditions.

### Product Highlights:

1. 5<sup>th</sup> generation uncooled thermal sensor, decrease the size, weight and cost.
2. Aluminium alloy housing, weatherproof rate IP65, anti-rain, anti-dust.
3. NETD up to 50mk, higher sensitivity, little effect by rain, fog, and snow, obtain more delicate picture.
4. Unique AS optical design and high precision optical mechanical design, excellent image quality.
5. Excellent non-uniform image correct technology, good image and dynamic range, without TEC thermostatic control.
6. SDE image detail enhancement technology, no noise, B/W and B/W inverse color mode.

### 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 evidence gathering.



### Specification:

Model	AGT-ARSN0514
Detection	Vehicle 3800m
	Human 1800m
Identification	Vehicle 970m
	Human 500m
Sensor	5 <sup>th</sup> generation UFPA
Resolution	384 x 288
Wave length	8 ~ 14μm
Digital zoom	2x ; 4 x
Color mode	Hot-white/Hot-black
Lens	50mm, F1.0
FOV	7.4° x 5.6°
Eyepiece display	640 x 480 , binocular display with eyeshade, high hidden
Image storage/video	4G memory card, 1000photos in JPEG format, video for 3.5 hours in AVI format, USB export
ECO mode	Auto
Operation	Four buttons, two at each side
Battery parameter	Operation voltage DC: +2.6V~+5.5V;
	Power consumption<2.8W (video time);
	2xlithium battery,25500, 3000 mAh ;
	Continuous working time : > 6 hours at no record, >3.5 hours at record.
	Using life > 500 times , charge/ discharge cycles
Starting time	<3s
Interface	Video output
Weatherproof	IP66
Humidity	5%~95%(non-condensing)

Storage temperature	-40°C~+70°C
Operation temp.	-25°C~+60°C
Weight	<1.5kg (Included battery)
Accessories	Video cable, lens cap, rubber covert, charger, lithium battery, suitcase