



SAE

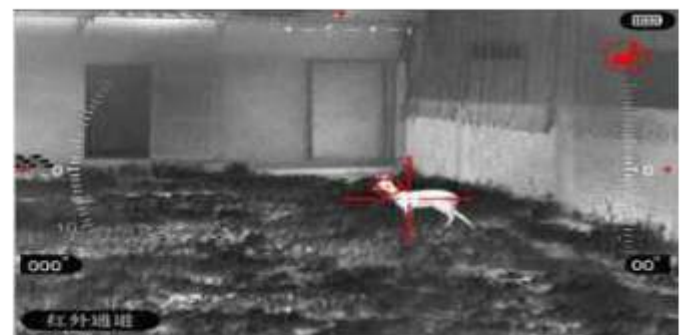
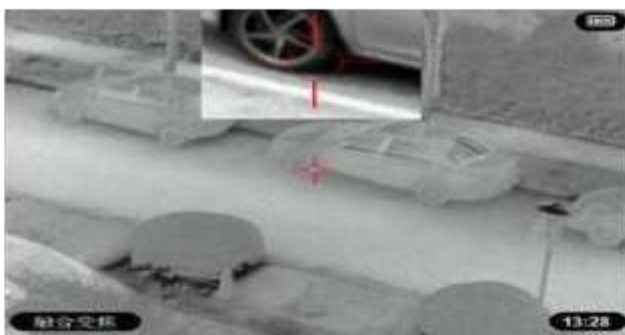
AR 64

Thermal & LLL Fusion binocular



8-14 μ m High-Sensitive
Long Wave Infrared Image

0.4-1.2 μ m low light Level
imaging / 2k resolution



Thermal & LLL Fusion Binocular

Product description

AR - 64 is dual - mode fusion thermal images. It adopts infrared and low - light fusion, thereby achieving unique advantage over existing units in market today.

The image resolution is very high allowing the ease to recognize a single object. The unique advantage the system posses is viewing image Glass.

MODEL		AR 64
Infrared	Infrared thermal imaging	Vox detector, 8 μm ~ 14 μm , 17 μm , 284 X 288 / 640 x 512 < 50 mK @ F / 1.0, 30Hz
	FOV	17° X 13° (Variable)
	Shutter	Shutterless, Auto NUC
LLL	Low light imaging	0.4 μm ~ 1.2 μm , 2048 X 2048, <0.0001Lux, 30Hz
	Field angle	10° X 7°
System Performance	Image mode	IR color / Fusion IR / LLL color / Fusion focus
	Optical Zoom	4X optical zoom in picture
	Intelligent Algorithm	Auto hot spot identify for automatic tracking
	Brightness / contrast	Manual / Automatic
	Image enhancement	Fusion defog enhancement
	Image capture	Tap to take an image
	Image storage	Built - in 16GSD card, can store not less than 2000 still picture
	Image download	USB
	Video display	Support PAL analog video
	Built-in display	720 X 540 LCOS
	Electric interface	Power supply, USB, analog video
	Mechanical interface	1/4 inch tripod
	Battery Charging	USB power adapter 5V DC
	Battery Continuous working hours	> 6h
	Fusion imaging distance	Fusion: 1.8m X 0.5m person; detection: > 4000m; identification > 1500m
	Electronic compass	Yes
	Three - dimensional attitude	Yes
Rangefinder	Rangefinder via algorithm	
Physical	Weight	< 500 gram
	Size	< 175 mm X 88 mm X 50mm
	Operating temperature	-20° C ~ +60° C
	Storage temperature	-40° C ~ +60° C
Features	Infrared and LLL fusion, No shutter thermal imaging, Electronic compass positioning, Small and flexible, Easy to carry	