

SIRF-17

Thermal & LLL Fusion Binocular



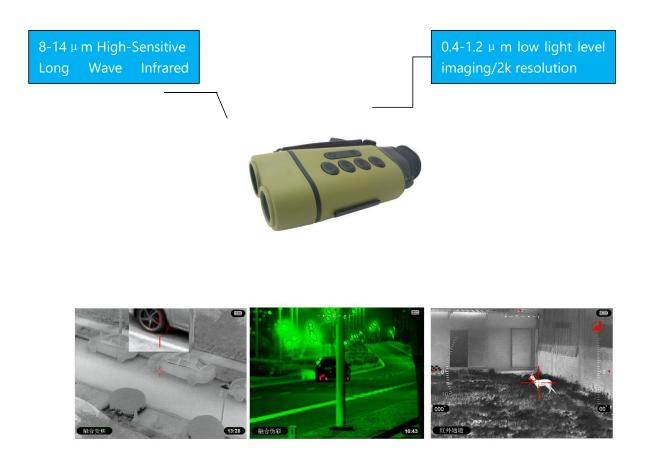
Suzhou Grand Sensor Inc.

Suzhou Grand Sensor Inc. www.sgsico.com Email: sgsi@sgsico.com Mob/Wechat: +86 15050174477



Product description

SIRF-17 is dual-band fusion thermal imaging. It adopts infrared and low-light fusion, and achieve the unique advantages. As a result, the imaging resolution is higher, and the single object is much easily to recognized. It also have the advantage of observation thought glass. Meanwhile, the device also embedded with dual wave length fusion and focus to magnify the key target at the very high definition for verification.



Model		SIRF-17
Infrared	Infrared thermal imaging	VOx detector, 8μm~14μm, 17μm, 384×288,
		<50mK@F/1.0, 30Hz
	FOV	17°×13°
	Shutter	No shutter, Auto NUC
LLL	Low light imaging	0.4μm~1.2μm, 2048×2048, <0.0001Lux, 30Hz
	Field angle	10°x7°
	Image mode	IR color/Fusion IR/LLL color/Fusion
		Fusion focus
System	Optical zoom	4x optical zoom in picture
Performance	Intelligent Algorithm	Auto hot spot identify for automatic tracking
	Brightness/ contrast	Manual/Automatic
	Image enhancement	Fusion defog enhancement

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Image capture	Tap to take an image
Image storage	Built-in 16GSD card, can store not less than
	20000 still picture
Image download	USB
Video display	Support PAL analog video
Built-in display	720×540、LCOS
Electrical interface	Power supply, USB, analog video
Mechanical interface	1/4 inch tripod
Battery charging	USB power adapter 5V DC
Battery continuous working	≥6h
hours	
Fusion imaging distance	Fusion: 1.8m × 0.5m person; detection: ≥
	4000m; identification≥1500m
Electronic compass	Yes
Three-dimensional attitude	Yes
Rangefinder	Rangefinder via algorithm
Weight	≤500 gram
Size	≤175mm×88mm×50mm
Operating temperature	-20°C ~ +60°C
Storage temperature	-40°C ~ +60°C
Infrared and LLL fusion, No	shutter thermal imaging, Electronic compass
positioning, Small and flexible, Easy to carry	
	Image storage Image download Video display Built-in display Electrical interface Mechanical interface Battery charging Battery continuous working hours Fusion imaging distance Electronic compass Three-dimensional attitude Rangefinder Weight Size Operating temperature Storage temperature Infrared and LLL fusion, No

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