

AIRF-17

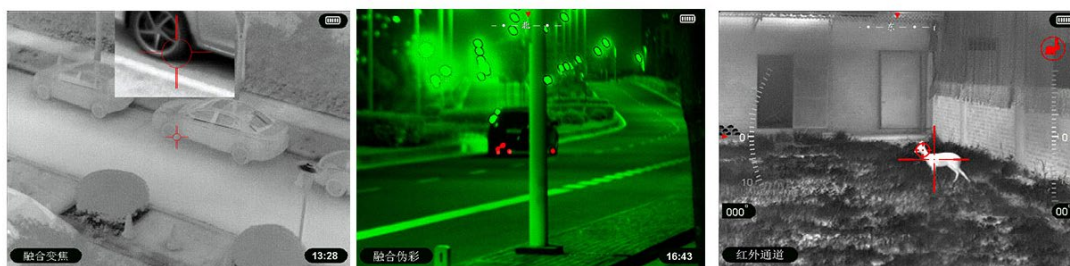
Thermal & LLL Fusion Binocular



JIANGSU ASCENDENT OPTRONICS INC.

Product description

AIRF-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		AIRF-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°×7°
System Performance	Image mode	IR color/Fusion IR/LLL color/Fusion 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 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 hours	≥6h
	Fusion imaging distance	Fusion: 1.8m × 0.5m person; detection: ≥ 4000m; identification≥1500m
	Electronic compass	Yes
	Three-dimensional attitude	Yes
	Rangefinder	Rangefinder via algorithm
Physical	Weight	≤500 gram
	Size	≤175mm×88mm×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	