HandheldThermal & Optical Dual Sensor Binocular

◆ SHR-PVR50

Features

- ◆Thermal 640×512, high sensitive thermal detector;50mm thermal lens;
- ◆0.39inch OLED display screen, display resolution 1024×768;
- ◆Support 3D noise reduction function, DDE function;
- ◆Adopt ultra-low illumination optical detector;
- ◆Support dual light fusion, target highlighting;
- ◆Working continuously for more than 7 hours;
- ◆Built-in Micro SD (Max 32GB), support recording and photographing;
- ◆Support WIFI, GPS;
- ◆IP67

Effect demo

Technical data

Model		SHR-PVR50
		Handheld thermal and optical binocular
Thermal part	Sensor type	Uncooled FPA detector (Vox)
	Resolution	640 × 512, 17μm
	Spectrum	8~14μm
	NETD	< 50mk(@25℃,F1.0)
	Target	Human: 1.8mx0.5m,Car: 1.4mx4.0m
	Thermal lens	50mm
	Detect (Car)	4510m
	Detect (Human)	1471m
	Recognize (Car)	1127m
	Recognize (Human)	368m
	Identify (Car)	564m
	Identify (Human)	184m
	FOV	12.4° ×10.0°
	F value	1.0
Daylight	Sensor type	Low illumination detector
	Resolution	1280×960
	Focal length	12mm
Display	Screen	0.39inch, OLED,1024×768
	Mode	Thermal imaging, daylight imaging, Dual vision fusion-color, Dual vision fusion-day and night
Others	Hot track	Support
	Object highlight	Support
System	Dual vision fusion	Support
	WIFI	Support
	GPS	Support
	Storage	Support,Micro SD(Max 32GB)
	Video playback	Support
	Images retrieval	Support
	Target highlight	Support
	Photograph	Support
	Record	Support
	Polarity switch	Support, White hot, Black hot
Power supply	Power	5V DC/2A
	Battery	Require 5hours to be fully charged
	Lifetime	⩾7h
	Working temp	-40~55℃
	Protection grade	IP67
	Installation	Handheld
	Size	164mm×182mm×73mm
	Weight	<1.0kg