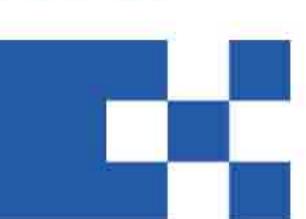


Portable Thermal Imaging Camera





◆ SHR-PTIR100R

Features

- Highly integrated design, integrating infrared thermal imaging and video storage module
- Clearer observation of subtle targets and farther detection distance
- Infrared image noise reduction processing, digital image detail enhancement, output white hot / black thermal image
- Use high-resolution binocular display for better visual observation
- Video recording and capture function for real-time forensics
- Built-in large capacity rechargeable lithium battery
- Ergonomic shell design, beautiful appearance, comfortable grip and small size

Effect demo





Technical data

Model	SHR-PTIR100R		
Monitor distance	Object	Human(1.8m × 0.5m)	Vehicle(2.3m×2.3m)
	Detection distance	2700m	7600m
	Recognition distance	675m	1900m
Thermal	Detector	Uncooled microbolometer focal plane array detector	
	Resolution	384x288	
	Spectrum range	8~14μm	
	NETD	≤50mK @F1.0,300K	
	Focal length	100mm	
	FOV	4.40° × 3.30°	
	Focus	Manual	
Video code	Video type	ASF、AVI、MP4 customizable	
	Video pixel	720 × 576	
	Picture type	JPEG	
	Picture pixel	720 × 576	
Display	Binocular	1024 × 768	
Storage	Space	32G	
	Time	About 18 hours	
Interface	Power input	DC12V	
	USB output	USB2.0 export video, picture to computer	
	Video output	1 line PAL output	
	RS485	External RS485 controller	
Environment	Working temperature	-15°C ~+45°C	
	Storage temperature	-20°C ~ +55°C	
Power supply	Supply	Built-in lithium battery	
	Power consumption	<6W	
	Use up time	about 5 hours	
Physics	Dimensions	324mm × 168mm × 96.5mm	
	Weight	≤1.7kg	
	Install	Tripod, 1/4 mounting hole	