

JH-E8S

Handheld Monocular Thermal Imager

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Detector	Uncooled FPA
Resolution	640x512
Pixel pitch	12um
Frame rate	50Hz
Working band	8~14um
NETD	<40mk
Focal length	25mm
Lens adjustment	Manual focus adjustment
FOV	14.9° x11.2°
Screen	LCOS/1280x960,10.16mm(0.40’’)
Image processing	Non-uniformity correction, image smoothing, image detail enhancement, digital filtering and noise reduction.
Image detail mode	Five levels of image edge adjustment (0~4), or five levels of detail adjustment (0~4).
Digital magnification	2x. 4x
Brightness adjustment	10 levels of brightness adjustment(0~9)
Contrast adjustment	10 levels of contrast adjustment(0~9)
Color palette	6 types, rainbow, hot metal, white hot, black hot, Yellow saturation, birdwatching mode
Hot spot tracking	Hotspot tracking indicator, automatically tracks a hotspot target, supports on/off function.
Picture in picture	On/off
Wifi	On/off
Language	Chinese ,English

Laser function	On/off	
LED light	On/off	
Standby function	Support	
Video output	On/off	
Detection distance(25mm lens)	Human	1667m
	Boar	1471m
	Vehicle	2501m
Recognize distance(25mm lens)	Human	471m
	Boar	367m
	Vehicle	626m
Memory	128G	
Image format	JPG	
Interface	Type-C	
Battery	18650 battery, 3200mAh	
Working time	5hours	
Auto shutdown time	40min	
Protection	IP65	
Weight	503g	
Dimension	189x67x67mm(25mm lens)	
Working temperature	0~45℃	
Storage temperature	-20℃~+60℃	
Power consumption	2.0W	