

Thermal image parameters	
Detector type	Uncooled vanadium oxide/amorphous silicon
Working band	8 ~ 14μm
Detector specifications	640×480 (17μm ) /384×288 (17μm)
Image frame rate	50Hz (640) /25Hz (384)
Lens parameters	50mm f=1.0
Focus Mode	Electric focus
Hot pursuit	Support
Eyepiece parameter	
Display	OLED 0.5 inches
Contrast ratio	10000:1
Exit pupil distance	26mm
Magnification	12X
Eyepiece resolution	Binocular OLED 1024×768
Low light detector	
Detector size	1/1.9 inches
Pixel points	200w pixel
Resolving power	1024 x 768
Maximum frame rate	25 Frame / sec (720p)
White balance	Auto
Image storage	
Video format	Mp4
Image resolution	1024×768
Storage capacity	32G standard (64G optional)
Interface specification	
Video output	PAL/NTSC
Image storage	JPG
Data export	USB 2.0
External power supply	DC 5V maximum current 1A
Physical characteristics	
Product size	210×210×80 (mm)
Waterproof seal	Ip66 (Airtight)
Working temperature	-25°C ~ +60°C
Storage temperature	-25°C ~ +60°C
Input voltage	DC2.8V~4.2V
Power consumption	Average power consumption 7W
Battery capacity	1960mAH/3.7V lithium battery
Working hours	Continuous working time > 5 hours
Product weight	1.26kg