

PERFORMANCE PARAMETER

Thermal image parameters	
Detector type	Uncooled vanadium oxide or amorphous silicon
Working band	8 ~ 14 μ m
Detector specifications	640×480 (17 μ m) /384×288 (17 μ m)
Image frame rate	50Hz (640) / 25Hz (384)
Lens parameters	75mm 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	1/1.8
Pixel points	200w pixel
Resolving power	1920 x 1080
Maximum frame rate	25 Frame / sec (720p)
White balance	Auto
Laser ranging	
Maximum power	1.5w
Pulse frequency	7/25Hz~30KHz
Central wavelength	905nm
Effective range	2000m
Satellite positioning	
Support satellite	GPS/Beidou
Image storage	
Video format	Mp4
Image resolution	1024×768
Storage capacity	32G standard (16G 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	280×240×160 (mm)
Waterproof seal	Ip66 (Airtight)
Working temperature	-25°C~+60°C
Storage temperature	-25°C~+60°C
Input voltage	DC3.7V~4.2V
Power consumption	Average power consumption 7W
Battery capacity	4500mAH/4.2V lithium battery
Working hours	Continuous working time > 8 hours
Product weight	3kg

Detection distance index	For people (1.8x0.5m)
Detection distance	2200m (standard weather conditions)
Identify distance	550m (standard weather conditions)
Detection distance index	For vehicles (2.3x2.3m)
Detection distance	5000m (standard weather conditions)
Identify distance	2500m (standard weather conditions)

