Monitoring distance	Object	1.8m*0.5m size object (such as people)	2.3m*2.3m size object (such as car)
	Detecting distance	1200m	3300m
	Recognition distance	300m	820m
Thermal imaging camera	Pixel	324×256	
	Spectral range	8-14μm	
	NETD	≤50mK (F1.0, 300K)	
	Focal length	50mm / F0.8	
	FOV	9.1° x 7.3°	
	Focus mode	Electronics	
Day light camera	Magnification	×6.5	
	FOV	7.8°	
	Lens	35mm	
Image display	Display	OLED	
	Frame rate	25Hz	
GPS	Accuracy	10m(rms)	
	Satellite	GPS / Beidou-2	
Digital compass	Accuracy	±0.5° (Dip angle 0°)	
Laser range-finder	Laser type	Semiconductor laser, 1550nm laser wave length	
	Detection range	20m—2.5km (for 2.3m*2.3m size object)	
	Ranging accuracy	±2m (Within 1km), ±5m (1km -2.5km)	
Storage	Capacity	10000 pcs pictures; 30 hours video	
Interface	Power Supply	DC12V	
	Other interfaces	PAL video output, USB data interface	
Power	Voltage	DC12V	
	Continuous working time	3 hours	
	Consumption	5W	
Environmental indicators	Working temperature	-20℃ to +55℃	
	International protection	IP67	
Physical characteristics	Weight	≤1.7kg	
	Size	223mm × 206mm × 82mm	