

# NNIPO

## RD23S Series

Thermal Imaging monocular

RD23S thermal imaging monocular is light weight and compact size, easy to carry and comfortable to operate with one hand. It is widely used for hunting, searching and rescue, law enforcement and positioning under various outdoor conditions. No matter it is day or night and no matter how bad weather conditions are. It can be photo taking, video recording, WIFI app connection with phone for transmission.



	RD23S-319/RD23S-619	RD23S-325/RD23S-625	RD23S-335/RD23S-635
Detection distance rabbit(0.2×0.3)m	350	450	700
Detection distance Human(1.8×0.5)m	800	1000	1500
Detection distance deer(1.5×0.9)m	1100	1300	2000
Recognition distance rabbit(0.2×0.3)m	90	120	180
Recognition distance Human(1.8×0.5)m	400	500	750
Recognition distance deer(1.5×0.9)m	550	650	1000

## Product parameters

Model	RD23S-319	RD23S-325	RD23S-335	RD23S-619	RD23S-625	RD23S-635
Lens	19mm	25mm	35mm	19mm	25mm	35mm
Thermal sensor	Vox 384*288			Vox 640*512		
Optical Magnification	1.82~14.52×	2.39~19.11×	3.34~26.75×	1.09~8.71×	1.43~11.47×	2.01~16.05×
NETD	≤25mk					
Pixel size	12μm					
Frame rate	50 Hz					
Display Resolution	1024*768 OLED					
Digital zoom	2×,4×,8×					
Field of View (HxV)	13.8°×10.4°	10.5°×7.9°	7.5°×5.7°	22.9°×18.4°	17.5°×14°	12.5°×10°
Diopter (Range)	±5D					
Calibration	Shutter Calibration, scene Calibration, automatic Calibration					
Palettes	White hot, Black hot, Red hot, Green hot, Iron red, Fusion					
Battery	single 18650					
PIP	Yes					
WIFI	Yes					
E-compass	Yes					
3D Gyroscope	Yes					
Hot track	Yes					
Capture snapshot	Yes					
Video recorder	Yes (with sound)					
Laser range finder	Optional					
Video output	CVBS					
Battery Life (Operating)	>4hours					
External power supply	TYPE-C interface					
Dimension (mm)	155*59*70	159*59*70	159*59*70	155*59*70	159*59*70	159*59*70
Weight(g)	282g/312g(LRF)	302g/322g(LRF)	324g/342g(LRF)	282g/312g(LRF)	302g/322g(LRF)	324g/342g(LRF)
Protection Level	IP67					
Working temperature	-20°C...+60 °C					