

# RS5 series Thermal Riflescope



## Feature

- ◆ 384\*288 / 640\*512 Pixels.
- ◆ OLED (1440\*1080), a High-performance display.
- ◆ 1000m accurate laser distance measurement.
- ◆ Equipped with electronic compass and motion sensors.
- ◆ Compact and lightweight, easy to carry around.

- ◆ Multiple cross-hatching and customisable memory calibration parameters can be set.
- ◆ With the latest Lison II detail enhancement algorithm for a clearer picture.
- ◆ WIFI transmission of images and built-in video and photo functions.
- ◆ Protection class IP66, weatherproof.
- ◆ Available with universal Picatinny rail.



Items	Technical parameter			
	RS519-384L	RS535-384L	RS535-640L	RS550-640L
Detector				
Type	VOx			
Pixel	384x288		640x512	
Pixel spacing	12um			
Wavelength range	8~14um			
NETD	≤35mk			
IR lens				
Focus	19mm/F1.0	35mm/F1.0	35mm/F1.0	50mm/F1.0
FOV	13.8°x10.4°	7.5°x5.7°	12.5°x10.0°	8.8°x7.0°
Focusing method	Manual			
Image display				
Monitor	OLED, 0.39", 1440x1080			
Eyepiece Parameter	40mm			
Magnification	1.77x~7.08x	3.26x~13.04x	1.91x~7.64x	2.72x~10.88x
Diopter Adjustment	-5D~+5D			
Laser rangefinder	can be extended (optional), ranging from 10 to 1000m			
Electronic compass/ motion sensor	support			
Wi-Fi	support			
Image performance				
Frame Rate	50Hz			
Image Correction	auto/manual			
E-zoom	,2x,4x			
Hot spot tracking	support			
Cross Reticle	support			
Palette	White heat, black heat, iron red, red heat, forests.			
Image transmission	WiFi real-time image transmission, photography, and video.			
Image storage				
Memory	32GB			
Photos	support			
Video	support			
Power system				
Battery Type	Single standard 26500 rechargeable lithium battery, replaceable.			
Battery working time	>5h			
Charging method	Support online charging			
External power supply	DC5V/2A			
Interface				
Data interface	Type-C			
Installation interface	Three standard fixing screw holes, and different optional mounting brackets			
Physical characteristic				
Dimension (mm)	≤165*80*65mm/ ≤165*110*65mm (With laser)	≤190*80*65mm/ ≤190*110*65mm (With laser)	≤190*80*65mm/ ≤190*110*65mm (With laser)	≤200*80*65mm/ ≤200*110*65mm (With laser)
Weight (g)	≤470g/ ≤532g (With laser)	≤520g/ ≤582g (With laser)	≤525g/ ≤587g (With laser)	≤570g/ ≤632 (With laser)
Environment parameter				
Working temperature	-30°C~ +55°C (-22°F ~ 131°F)			
Storage temperature	-40°C~ +70°C			
Max. Recoil Power	800g/ms			
Capsulation	IP66			
Detection distance				
Human (1.8*0.5) m	750m	1400m	1400m	1900m
Car (2.3*2.3) m	1800m	2200m	2200m	3200m
Recognition distance				
Human (1.8*0.5) m	376m	700m	700m	1000m
Car (2.3*2.3) m	910m	1100m	1100m	1600m