



STORM

Model		S3R	S6R
Sensor Specifications	Type	VOx Uncooled	
	Resolution, pixels	384×288	640×512
	Pixel Pitch, μm	12	
	NETD, mK	<25	<20
	Frame Rate, Hz	50	
Optical Specifications	Objective Lens, mm	35	
	Optical Zoom, x	3.5	2
	Field of View, degrees / yd @ 100 yd	7.5° / 13.2yd	12.5° / 21.9yd
	Digital Zoom, x	1 to 4	
	Eye Relief, mm	48	
	Dioptr Adjustment, D	-5 to +5	
	Detection Range, m/yd	1800 / 1969	
Display Specifications	Type	OLED	
	Resolution, pixels	1024×768	
Laser Rangefinding	Measuring Range, m/yd	1200m/ 1312yd	
	Measurement Accuracy, m/yd	±1m/±1.09yd	
Wi-Fi	Wireless Protocol	Wi-Fi	
	Frequency, GHz	2.4 GHz	
Video Recorder	Video / Photo Resolution, pixel	1024×768	
	Video / Photo Format	.mp4 / .jpg	
	Built-in Memory, GB	32	
Physical Specifications	Degree of Protection, IP code	IP67	
	Operating Temperature Range, °F	-4 to +122	
	Weight, lb	1	
	Dimensions, inch	5.3×2.7×2.2	
Connections and Compatibilities	Battery Type	18650	
	Operating Time on Battery Pack (at t=72°F), h	4	
	External Power Supply, V	5V (Type-C USB)	
	Max Recoil Power on Rifled Weapon (Eo), g/Joules	1000/6000	
	Compatible Mounts	Picatinny mount	



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STORM LRF
S3R/S6R

PRECISION IN EVERY GRAM



COMPACT LRF
AND FREE BALLISTICS



DUAL
PURPOSE



NETD < 20 mK



INTUITIVE
OPERATING SYSTEM

www.rixoptics.com





DUAL PURPOSE

Built for mobility, the STORM series is ultra-light—S3R and S6R weigh just 1lb, so you can use them handheld without wearing out your arm. Every unit includes a free QD mount for quick and easy rifle setup.



COMPACT LRF WITH FREE BALLISTICS

The S3R and S6R feature a built-in laser rangefinder, now more compact thanks to advanced redesign, without added weight or reduced usability. It offers up to 1,312 yards of detection with ± 1 meter accuracy, and includes a free ballistic calculator to enhance long-range precision.



CRISP IMAGING WITH NETD <20 mK

S6R is equipped with a next-generation thermal sensor featuring a 640×512 resolution and a $\text{NETD} < 20 \text{ mK}$. This means reduced image noise and enhanced detail, giving you a clearer, more defined thermal picture—even in high humidity environments.



ADJUSTABLE PICTURE-IN-PICTURE (PIP)

Unlike other scopes where the Picture-in-Picture (PIP) image is simply magnified along with the outer image, the STORM allows you to adjust the magnification level of the PIP image independently, enabling users to maintain awareness of the surroundings and improve shooting accuracy using the PIP function.



INTUITIVE OPERATING SYSTEM

The enlarged, four-directional button layout makes it easy to identify and operate each control, even when wearing gloves, making it convenient to use as a scanner as well.

The device's buttons are directly mapped to the user interface (UI). When you press a button, the corresponding function on the UI lights up, providing a clear indication of which function you have triggered.



POWERFUL BASE MAGNIFICATION

The S3R offers a $3.5 \times$ base magnification with detection up to 1,969 yards.

The S6R starts at $2 \times$, but even at $3 \times$ digital zoom, it delivers sharper clarity and a wider field of view—especially at closer ranges.



REPLACEABLE BATTERY & QUICK-DETACH DESIGN

The STORM series is powered by a replaceable 18650 battery. The innovative 90-degree, quick-detach battery cap design facilitates effortless battery swapping, ensuring minimal downtime during your hunting adventures.