

RattlerV² 640

THERMAL IMAGING RIFLE SCOPE

The NEW RattlerV² is one of the most highly-anticipated product releases. Improving on what is already considered the best-selling thermal rifle scope product family in the United States, the RattlerV² brings many of the most sought after design improvements into one sleek new housing. These improvements include, but are not limited to: dramatically expanded battery life offered through the unit's proprietary removable and rechargeable battery system, which will afford users up to 9 hours on a single charge (2 included), an expanded built-in reticle assortment, expanded brightness and contrast settings, shot activated recording with sound and new 12-micron thermal sensors that have the highest rated sensitivity rating (sub-20 mk) on the market. For a product family which was already boasted one of the best value propositions in the market, the NEW RattlerV²'s will only expand on that reputation.

The RattlerV² 35-640 with 35mm Germanium lens and RattlerV² 50-640 with 50mm lens are the perfect addition to any hunter's arsenal. This models combine an upgraded 640x512 high-sensitivity thermal detector and a 1024x768 OLED display, which together provide an eye-popping detection range of 1800 and 2600 yards, respectively. This combination also places the 2X and 2.5X base magnification for these units places right in the sweet spot in terms of flexibility for both hog and predator hunters. This magnification level isn't too high and restrictive on the hunter's field of view and is simultaneously just high enough to ensure there isn't too much resolution degradation when digitally zooming.

- Superior sub-20 milikelvin thermal sensitivity
- 640x512 resolution with 12-micron sensor
- Fast 50Hz imaging
- High resolution OLED display
- Adjustable color palettes
- Various reticle types and colors
- 1x, 2x, 4x, 8x digital zoom
- On-board video/audio recording and image capture
- Built-in EMMC storage (16 GB)
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Stadiametric rangefinder
- Standby mode
- Up to 9 hours battery life
- External power supply compatibility
- Waterproof & shockproof
- 5-year warranty

Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.



SPECIFICATIONS

	RattlerV ² 35-640	RattlerV ² 50-640
Detector	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
Resolution	640 x 512	640 x 512
NETD	Less than 20 mK (25°C, F# = 1.0)	Less than 20 mK (25°C, F# = 1.0)
Refresh Rate	50 Hz	50 Hz
Lens System	35 mm; F/1.0	50 mm; F/1.0
Magnification	2x - 16x	2.5x - 20x
Field of View	12.5° x 10.0°	8.8° x 7.0°
Dioptr Adjustment	-5 to +5 diopters	-5 to +5 diopters
Focus Range	2 m to infinity	10 m to infinity
Exit Pupil	6 mm	6 mm
Eye Relief	45 mm	45 mm
Digital Zoom	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x
Detection Range (6' object)	1800 m/yd	2600 m/yd
Display	0.39-inch, OLED, 1024x768	0.39-inch, OLED, 1024x768
Palettes	Black hot, White hot, Red hot, Fusion	Black hot, White hot, Red hot, Fusion
Flat Field Correction	Auto, Manual, External Correction	Auto, Manual, External Correction
Scene Mode	Cold, Warm	Cold, Warm
Boresight Adjustment	Digital Controlled	Digital Controlled
Video/Audio Recording	Yes	Yes
Image Capture	Yes	Yes
Standby Mode	Yes	Yes
Storage	Built-in EMMC (16 GB)	Built-in EMMC (16 GB)
PIP	Yes	Yes
Defective Pixel Correction	Yes	Yes
WiFi Hotspot	Yes	Yes
Hot Track	Yes	Yes
Reticle	10 types, 4 colors, on/off	10 types, 4 colors, on/off
Distance Measurement	Yes (Stadiametric)	Yes (Stadiametric)
Shot Activated Recording (SAR)	Yes	Yes
Battery Type	Replaceable and Rechargeable Li-ion Battery	Replaceable and Rechargeable Li-ion Battery
Battery Life (Operating, 20°C)	Up to 9 hours (25°C, with hotspot off)	Up to 9 hours (25°C, with hotspot off)
External Power Supply	5 VDC, 2 A, USB Type-C	5 VDC, 2 A, USB Type-C
Operating Temperature Range	-30°C to +55°C (-22°F to 131°F)	-30°C to +55°C (-22°F to 131°F)
Protection Level	IP67	IP67
Max. Recoil	1000 g/0.4 ms	1000 g/0.4 ms
Weight (w/o mount and battery)	0.51 kg (1.13 lb)	0.53 kg (1.18 lb)
Dimensions (w/o mount)	221 x 68 x 67 mm (8.7 x 2.7 x 2.6 in)	230 x 73 x 68 mm (9.0 x 2.9 x 2.7 in)
Package Includes	Thermal Imaging Rifle Scope, Mount, Two Rechargeable Battery, Charger, USB Cable, Lens Cloth, Manual, Carrying Case	Thermal Imaging Rifle Scope, Mount, Two Rechargeable Battery, Charger, USB Cable, Lens Cloth, Manual, Carrying Case

Specifications are subject to change without notice.



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