

# RattlerV<sup>2</sup> 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 riflescope 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. These 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 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 mK 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 <sup>2</sup> 35-640	RattlerV <sup>2</sup> 50-640
<b>Detector</b>	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
<b>Resolution</b>	640 x 512	640 x 512
<b>Refresh Rate</b>	50 Hz	50 Hz
<b>NETD</b>	Less than 20 mK (25°C, F# = 1.0)	Less than 20 mK (25°C, F# = 1.0)
<b>Detection Range (6' object)</b>	1800 m/yd	2600 m/yd
<b>Lens System</b>	35 mm; F/1.0	50 mm; F/1.0
<b>Magnification</b>	2x - 16x	2.5x - 20x
<b>Digital Zoom</b>	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x
<b>Field of View</b>	12.5° x 10.0°	8.8° x 7.0°
<b>Exit Pupil</b>	6 mm	6 mm
<b>Eye Relief</b>	45 mm	45 mm
<b>Diopter Adjustment</b>	-5D to +5D	-5D to +5D
<b>Minimum Focusing Distance</b>	2 m to infinity	10 m to infinity
<b>Display</b>	0.39-inch, OLED, 1024x768	0.39-inch, OLED, 1024x768
<b>PIP</b>	Yes	Yes
<b>Hot Tracking</b>	Yes	Yes
<b>Palettes</b>	Black hot, White hot, Red hot, Fusion	Black hot, White hot, Red hot, Fusion
<b>Scene Modes</b>	Cold, Warm	Cold, Warm
<b>Flat Field Correction (FFC)</b>	Auto, Semi-Auto, Manual	Auto, Semi-Auto, Manual
<b>Defective Pixel Correction (DPC)</b>	Yes	Yes
<b>Distance Measurement</b>	Yes (Stadiametric)	Yes (Stadiametric)
<b>Reticle</b>	10 types, 4 colors, on/off	10 types, 4 colors, on/off
<b>Boresight Adjustment</b>	Digital Controlled	Digital Controlled
<b>WiFi Hotspot</b>	Yes	Yes
<b>Video Recording</b>	Yes	Yes
<b>Image Capture</b>	Yes	Yes
<b>Audio Recording</b>	Yes	Yes
<b>Shot Activated Recording (SAR)</b>	Yes	Yes
<b>Storage</b>	Built-in EMMC (16 GB)	Built-in EMMC (16 GB)
<b>Standby Mode</b>	Yes	Yes
<b>Battery Type</b>	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)
<b>Battery Life (operating)</b>	Up to 9 hours (25°C, with hotspot off)	Up to 9 hours (25°C, with hotspot off)
<b>External Power Supply</b>	5 VDC, 2 A, USB Type-C	5 VDC, 2 A, USB Type-C
<b>Operating Temperature</b>	-30°C to +55°C (-22°F to 131°F)	-30°C to +55°C (-22°F to 131°F)
<b>Max. Recoil</b>	1000 g/0.4 ms	1000 g/0.4 ms
<b>Protection Level</b>	IP67	IP67
<b>Dimensions (w/o mount)</b>	219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in)	221 x 68 x 67 mm (8.7 x 2.7 x 2.6 in)
<b>Weight (w/o mount and battery)</b>	0.51 kg (1.13 lb)	0.53 kg (1.18 lb)

**Package Includes:** Thermal Imaging Rifle Scope, Mount, Two NE-4400 Batteries, Charger, USB Cable, Lens Tissue, User Manual, Carrying Case.

\* Specifications are subject to change without notice. Images are for illustration purposes only.



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