

RattlerV² 256

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 11.5 hours on a single charge (2 included), an expanded built-in reticle assortment, expanded brightness and contrast settings, shot activated recording with sound and 12-micron high-sensitivity thermal sensor. 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 19-256 with a 19mm Germanium lens and RattlerV2 25-256 with 25mm lens are the perfect addition to any hunter's arsenal. Equipped with a 256x192 resolution thermal sensor, these units have 2.5X or 3.5X magnification, and a detection range of 950 or 1250 yards, respectively. This base magnification, combined with a wide field of view, makes these scopes a truly versatile optic.

- 256x192 resolution with 12-micron sensor
- High-sensitivity thermal detector
- 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 11.5 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 19-256 | RattlerV ² 25-256 |
|----------------------------------|--|--|
| Detector | 12µm VOx Uncooled Focal Plane Array | 12µm VOx Uncooled Focal Plane Array |
| Resolution | 256 x 192 | 256 x 192 |
| Refresh Rate | 50 Hz | 50 Hz |
| NETD | Less than 35 mK (25°C, F# = 1.0) | Less than 35 mK (25°C, F# = 1.0) |
| Detection Range (6' object) | 950 m/yd | 1250 m/yd |
| Lens System | 19 mm; F/1.0 | 25 mm; F/1.0 |
| Magnification | 2.5x - 20x | 3.5x - 28x |
| Digital Zoom | 1x, 2x, 4x, 8x | 1x, 2x, 4x, 8x |
| Field of View | 9.3° x 6.9° | 7.0° x 5.3° |
| Exit Pupil | 6 mm | 6 mm |
| Eye Relief | 45 mm | 45 mm |
| Diopter Adjustment | -5D to +5D | -5D to +5D |
| Minimum Focusing Distance | 0.5 m to infinity | 0.5 m to infinity |
| Display | 0.39-inch, OLED, 1024x768 | 0.39-inch, OLED, 1024x768 |
| PIP | Yes | Yes |
| Hot Tracking | Yes | Yes |
| Palettes | Black hot, White hot, Red hot, Fusion | Black hot, White hot, Red hot, Fusion |
| Scene Modes | Cold, Warm | Cold, Warm |
| Flat Field Correction (FFC) | Auto, Semi-Auto, Manual | Auto, Semi-Auto, Manual |
| Defective Pixel Correction (DPC) | Yes | Yes |
| Distance Measurement | Yes (Stadiametric) | Yes (Stadiametric) |
| Reticle | 10 types, 4 colors, on/off | 10 types, 4 colors, on/off |
| Boresight Adjustment | Digital Controlled | Digital Controlled |
| WiFi Hotspot | Yes | Yes |
| Video Recording | Yes | Yes |
| Image Capture | Yes | Yes |
| Audio Recording | Yes | Yes |
| Shot Activated Recording (SAR) | Yes | Yes |
| Storage | Built-in EMMC (16 GB) | Built-in EMMC (16 GB) |
| Standby Mode | Yes | Yes |
| Battery Type | 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) |
| Battery Life (operating) | Up to 11.5 hours (25°C, with hotspot off) | Up to 11.5 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 | -30°C to +55°C (-22°F to 131°F) | -30°C to +55°C (-22°F to 131°F) |
| Max. Recoil | 1000 g/0.4 ms | 1000 g/0.4 ms |
| Protection Level | IP67 | IP67 |
| Dimensions (w/o mount) | 219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in) | 219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in) |
| Weight (w/o mount and battery) | 0.48 kg (1.06 lb) | 0.49 kg (1.08 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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