

ZeroTech Optics USA - Precision Riflescopes and Hunting Optics

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-optics-usa-precision-riflescopes-and-hunting-optics/>

Description:

ZeroTech Optics USA has precision optics designed and built for the backcountry hunter with accuracy and clarity that will exceed your expectations. Combining cutting-edge design and performance with a commitment to being accessible to all, ZeroTech Optics offers a range of riflescopes, binoculars, red dots, and spotting scopes with unique features and cutting-edge precision technology tailored to the backcountry shooter and avid hunter.

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****Price:**** Available

****Brand:**** ZeroTech Optics USA

[View Product](<https://store.zerotechoptics.com/p/4-16x44-ffp-rmg-vengeance-riflescope>)

Product Intelligence

ZeroTech Optics USA: Precision Riflescopes and Hunting Optics ## Overview ****ZeroTech Optics USA**** is the official United States website, distribution channel, and authorized retailer for ZeroTech Optics products. Operating as the official US-based division and direct sales entity of ZeroTech Optics, it serves as the primary channel through which customers in the United States can purchase optical products directly from the manufacturer. ## Company Background ZeroTech Optics is an Australian precision optics company founded in 2018 that specializes in manufacturing a comprehensive range of optical equipment for hunters, competitive shooters, and outdoor enthusiasts. The company has established itself as a manufacturer known for dependable mechanics, clear glass optics, repeatable tracking, and responsive customer support in the USA market. With over 50 years of combined expertise in the optics industry, ZeroTech Optics operates through dedicated regional websites including zerotechoptics.com for the United States market. ## Product Portfolio ### Riflescopes ZeroTech Optics manufactures entry-level to professional-grade riflescopes across multiple product lines: ****Thrive Series**** - Value-focused hunting scopes featuring models such as the Thrive HD 3-9x40, Thrive HD 1-8x24 LPVO, and Thrive 1-10x24 LPVO with illuminated reticles. ****Vengeance Series**** - Mid-range to performance-tier riflescopes including models like the Vengeance 3-12x40, Vengeance 6-24x50 FFP, Vengeance 1-8x24 RAR, and Vengeance 1-10x28 LPVO. ****Trace Series**** - Long-range options such as the Trace 3-18x50mm and Trace 4.5-27x50mm with advanced reticle designs. ****Trace Advanced Series**** - Premium rifle scopes featuring high magnification, advanced

optical design, and precision turret systems suitable for long-range shooting and competition applications. ### Binoculars ZeroTech Optics manufactures binoculars and spotting scopes designed for hunting, bird watching, and general outdoor observation. The binocular lineup includes: - **Thrive HD series** - Models such as the THD1042 10x42mm and THD842 8x42mm - **Compact travel binoculars** - Waterproof and fogproof models including the THD825 and THD1025 - **Premium Vengeance series** - Models including the VG842HD, VG1042, VG1050ED, and Vengeance ED variants - **Trace 15x56mm binoculars** - Designed for serious hunters and outdoor enthusiasts ### Red Dot Sights and Reflex Optics ZeroTech Optics manufactures several red dot and reflex sight models: - Thrive Red Dot optical sight - Thrive Reflex Sight 3 MOA - Thrive HD Micro Reflex Sight (THDM21) - Thrive HD 1x Micro Prism scope - TRACE RAS 1x25 Digital Red Dot Sight - H.A.L.O TRAE28 Heavy-Duty Aspherical Lens Optic ## Technical Features and Specifications ### Optical Construction Standards All ZeroTech Optics products feature premium optical engineering with the following characteristics: **Durability and Environmental Resistance:** - Argon-purged tubes to prevent internal fogging - O-ring sealed construction for waterproof protection - Multi-layer lens coatings for improved light transmission and reduced glare - Designed to withstand extreme temperature variations and harsh field conditions **Optical Technologies:** - Extra-low Dispersion (ED) glass in Thrive HD series - Premium Japanese glass in Trace Advanced series - Bak 4 prisms with dielectric coating in binoculars - Etched glass reticles for precision at any magnification level ### Reticle Systems ZeroTech Optics designs proprietary reticle systems tailored to different shooting applications: **RMG (Refined Mil Grid)** - Provides perfect combination of accuracy and speed for maintaining elevation and windage for high-speed, precision shooting or marking turrets for long-range targeting. **R3 Reticle** - Allows shooters to enjoy all aspects of a second focal plane (SFP) scope without losing the ability to hold extremely accurate long-range shots. **PHR II (Precision Hunting Reticle)** - Available in standard and illuminated versions for general hunting applications. **LR Hunter FFP Reticle** - A hybrid optical device featuring First Focal Plane technology and adjustable illumination for precision targeting at various magnification levels. **Additional Reticle Options** - Including ZEROPLEX, G4, Mildot, Mildot SFP, RAR (MOA), R3 Illuminated, and TREMOR3 reticles for specialized shooting scenarios. ### Focal Plane Options - **First Focal Plane (FFP)** - Selected models available with FFP design - **Second Focal Plane (SFP)** - Multiple models with SFP configuration ### Adjustment Systems **MOA System** - Intuitive for inches and yards measurements in typical hunting distances. **MRAD System** - The metric standard for precision shooting and long-range applications. **Lockable Quick-Adjustment Turrets** - Allow precise and quick adjustments in the field without losing zero. **Lateral Parallax Adjustment** - Available on premium models for precision at various distances. ## Warranty and Support ### Triple A Lifetime Warranty ZeroTech Optics backs all Vengeance riflescopes and the Trace Advanced product line with a **Triple A Lifetime Warranty** covering all products. This warranty provides: - **Lifetime coverage** - No time limitations on warranty protection - **No receipt required** - Proof of purchase is not necessary - **Unconditional repair or replacement** - All defects covered regardless of cause - **Peace of mind** - Absolute confidence that products will be repaired or replaced if they fail or break ### Customer Support Infrastructure ZeroTech Optics provides responsive customer support through multiple channels: - Official website at zerotechoptics.com - Dedicated email support - Comprehensive product documentation and technical specifications - Reticle manuals and range charts - Product galleries and technical resources - Retailer locator service for local dealer access ## Distribution and Sales ### Direct Sales Channel ZeroTech Optics USA functions as both a direct retailer and the manufacturer's official sales channel, enabling customers to purchase ZeroTech optical products directly through its website. The platform offers: **Riflescope Models Available:** - Vengeance 1-8x24 RAR FDE - Vengeance 3-12x40 PHR 4 IR - Vengeance 4-16x40 PHR 4 - Vengeance 4-16x40 PHR 4 IR - Vengeance 6-24x50 R3 IR **Binocular Models Available:** - TH842, TH832, THD1042, THD842, THD825, VG842HD - Vengeance VG1250 binoculars ### Authorized Retailer Network As an official authorized dealer and distributor network, ZeroTech Optics USA maintains partnerships with firearms retailers across the United States to provide reliable access to authentic ZeroTech products. ## Key Differentiators **Australian Engineering** - Designed and tested in extreme Australian conditions, ZeroTech Optics products are engineered to withstand the harshest hunting and shooting environments. **50+ Years of Optical Expertise** - Drawing from the

heritage of parent company Tasco Sales (AUST) Pty Ltd, which has been a major supplier of optical systems since 1965. ****Premium Features at Accessible Prices**** - ZeroTech offers comparable technologies and features to premium brands at more affordable cost points. ****ISO:9001 Certified Quality**** - Parent company maintains ISO:9001 Quality Management Systems accreditation. ****In-House Repair Facility**** - Advanced customer service and repair facility in Sydney with dedicated technicians skilled in optical and mechanical repair. ****Proprietary Reticle Designs**** - RMG FFP Reticle, RMG-L reticle designs, and other proprietary systems developed for specific shooting applications. ****Target Applications ZeroTech Optics products are designed and optimized for:** - ****Precision hunting**** - Emphasizing accurate shot placement on moving game - ****Long-range hunting**** - Big game hunting applications requiring extended magnification - ****Competitive shooting**** - Precision rifle series and tactical competitions - ****Outdoor observation**** - Birding, wildlife observation, and general outdoor use - ****Low-light hunting**** - Dawn and dusk hunting scenarios with illuminated reticle options **###**

References - [1] Business Profile and Homepage

Downloads & References

- [View Product Guide](#)