

ZeroTech Optics USA - Precision Rifle Scopes and Hunting Optics

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

Description:

ZeroTech Optics USA offers precision optics designed and built for the backcountry hunter with accuracy and clarity that will exceed your expectations. Through over 50 years of expertise in the optics industry, ZeroTech has developed a range of riflescopes with unique features and cutting-edge precision technology tailored to backcountry shooters and avid hunters. Features include multi-coated lenses for bright and clear views, enhanced low-light performance, and customized reticles for shooting at varying ranges. Products include rifle scopes, binoculars, red dots, and spotting scopes with lifetime warranty coverage.

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Brand: ZeroTech Optics USA

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Product Intelligence

ZeroTech Optics USA: Precision Rifle Scopes and Hunting Optics ## Organization Overview
ZeroTech Optics USA is the official United States division, distribution channel, and authorized retailer for ZeroTech Optics products. Operating as a direct sales entity of ZeroTech Optics, the company serves as the primary channel through which customers in the United States can purchase optical products directly from the manufacturer. ZeroTech Optics USA functions as both a direct retailer and the manufacturer's official sales channel through its website platform, ensuring that consumers have reliable access to authentic ZeroTech products while maintaining direct manufacturer oversight of distribution and sales within the United States market. ## Company Heritage and Credentials ZeroTech Optics represents a continuation of over 50 years of optical expertise. The company was founded in Australia in 2018 and is backed by Tasco Sales (AUST) Pty Ltd (TSA), which has been a major Australian supplier of optical systems since 1965. The parent company maintains **ISO:9001 Quality Management Systems accreditation** and holds status as an Australia Trusted Trader with the Australian Border Force. In 2020, ZeroTech expanded internationally, establishing operations in the United States and distributing to partners across the Americas, Europe, the United Kingdom, Africa, and South Pacific nations. ## Rifle Scope Product Lines ### Thrive Series The Thrive series represents ZeroTech's entry-level to mid-range offerings, emphasizing practical features and value for

traditional hunters. **Key Thrive Models Available:** - Thrive 3-9x40 SFP - Thrive HD 1-8x24 LPVO - Thrive 1-10x24 LPVO **Vengeance Series** The Vengeance line combines precision, value, and clarity as mid-range to performance-tier rifle scopes designed for serious hunters and competitive shooters. **Available Vengeance Rifle Scope Models:** - Vengeance 1-8x24 RAR LPVO (FDE variant available) - Vengeance 3-12x40 R3 - Vengeance 3-12x40 PHR 4 - Vengeance 6-24x50 R3 - Vengeance 6-24x50 R3 IR - Vengeance 1-10x28 RMG-L **Trace Advanced Series** The Trace Advanced series represents the pinnacle of ZeroTech's optical engineering, designed for shooters demanding premium performance. These scopes feature premium Japanese glass, advanced reticles, and precision turret systems. **Key Trace Advanced Features:** - First Focal Plane (FFP) and Second Focal Plane (SFP) options - Push-button digital illumination - Tenebraex Tactical Tough flip-up covers - Argon-purged tubes for fog-proof reliability **Notable Trace Advanced Models:** - Trace Advanced 4-24x50mm FFP - Trace Advanced 5-30x56mm **Binocular Product Line** ZeroTech Optics USA manufactures and distributes multiple binocular models through its platform, including: - **Thrive Series:** TH832, TH1032, TH1042 - **Thrive HD Series:** THD825, THD842, THD1025 - **Vengeance Series:** VG1042, VG1042ED, VG1050, VG1050ED - **Vengeance VG1250** **Technical Specifications and Construction Standards** **Optical Construction** **Key Technical Features:** - **Argon Purging** - Prevents internal fogging in all scopes - **O-Ring Sealing** - Waterproof protection across all models - **Multi-layer Lens Coating** - Improved light transmission and reduced glare - **ED Glass** - Extra-low Dispersion glass in Thrive HD series - **Japanese Glass** - Premium optical glass in Trace Advanced models - **Bak 4 Prisms** - Dielectrically coated prisms in binoculars Every ZeroTech optic is engineered to perform flawlessly across extreme environmental conditions, from humid winters to dusty plains, maintaining internal clarity without fogging. **Focal Plane Options** - **First Focal Plane (FFP)** - Available on select models for advanced reticle performance at all magnifications - **Second Focal Plane (SFP)** - Available on multiple models for simplified reticle sizing **Illumination Systems** Select models feature illuminated reticles that enhance performance in low-light hunting scenarios (dawn, dusk, and dense forest conditions). The illuminated reticle settings cut through harsh midday sun while preventing glare during night hunts. **Proprietary Reticle Systems** ZeroTech Optics has developed specialized reticle designs tailored to specific shooting applications: **RMG (Refined Mil Grid) Reticle** The RMG reticle provides the perfect combination of accuracy and speed for maintaining elevation and windage in high-speed, precision shooting and long-range targeting applications. Available in both standard and illuminated configurations, including the RMG 3 variant. **R3 Reticle** The R3 reticle allows shooters to leverage second focal plane (SFP) scope advantages while maintaining the ability to hold extremely accurate long-range shots. This design is particularly suited for long-range hunting applications. **PHR (Precision Hunting Reticle) Variants** Multiple PHR configurations are available: - **PHR 2** - Standard and illuminated versions - **PHR 3** - Configured for specific magnification ranges - **PHR 4** - Optimized for mid-range hunting - **PHR II SFP** - Second focal plane hunting reticle **LR Hunter Reticle** The LR Hunter is a hybrid optical design featuring First Focal Plane technology and adjustable illumination for precision targeting at various magnification levels. Available in FFP configuration with multiple mounting options. **Additional Reticle Options** - **ZEROPLEX** - Classic hunting-oriented configuration - **G4** - Alternative aiming pattern for target acquisition - **Mildot and Mildot SFP** - Mil-based ranging for range estimation - **RAR (MOA)** - Angle-based aiming reference - **TREMOR3** - Specialized aiming reference for advanced shooting scenarios **Adjustment Systems** **MOA vs. MRAD** ZeroTech offers two adjustment system options: - **MOA (Minute of Angle)** - Intuitive system for inches and yards measurements - **MRAD (Milliradian)** - Metric standard for precision shooting Experts advise selecting the system that aligns with your hunting partners' equipment for easy field communication. **Turret Features** All ZeroTech riflescopes feature **lockable quick-adjustment turrets** that allow precise and rapid adjustments in the field without losing zero. This design is essential for competitive and long-range hunting applications. **Warranty Coverage** **Triple-A Lifetime Warranty** ZeroTech backs all Vengeance riflescopes and Trace Advanced optics with an **unconditional Triple A Lifetime Warranty** that does not require a receipt. This comprehensive coverage provides absolute peace of mind: - **Duration:** Lifetime coverage - **Receipt Required:** No - **Coverage Type:** Unconditional repair or replacement - **Service Location:** Sydney, NSW

headquarters facility with dedicated technicians The warranty reflects ZeroTech's confidence in product durability and provides exceptional customer protection for hunters and shooters operating in remote or challenging conditions. ## Available Models Through ZeroTech Optics USA Website ### Featured Riflescope Models The official ZeroTech Optics USA website provides direct access to purchase: - 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 ### Featured Binocular Models - TH842 - TH832 - THD1042 - THD842 - THD825 - VG842HD - Vengeance VG1250 ## Customer Support and Resources ZeroTech Optics USA provides comprehensive support through its official website at **zerotechoptics.com**, which serves as a direct purchasing channel and information platform. The company maintains dedicated resources including: - Product documentation and technical specifications - Reticle manuals with detailed specifications - Range charts for ballistic reference data - Scope mounting instructions - Adjustment guidance and zeroing procedures - Battery use recommendations - Product maintenance guidance ### Contact Information - **Email:** **service@zerotechoptics.com** - **Website:** **zerotechoptics.com** - **New Customer Offers:** Email signup provides \$20 discount on first order ## Distribution Network ZeroTech Optics USA has partnered with weapons retailers across the US to provide authorized dealer access and product guarantees. The company operates through: - Official **zerotechoptics.com** website - Authorized firearms dealers (locator available on website) - Online retailers including OpticsPlanet and Night-Optics ## Competitive Positioning ZeroTech Optics USA distinguishes itself through several key differentiators: - **Australian Engineering:** Designed and tested in extreme Australian environmental conditions - **50+ Years Heritage:** Backed by parent company with over five decades of optical expertise - **Quality Certification:** Parent company maintains ISO:9001 accreditation - **In-House Repair:** Dedicated service facility with specialist technicians - **Value Positioning:** Delivers premium features at accessible price points - **Lifetime Warranty:** Industry-leading unconditional coverage without receipt requirement The company is recognized for providing excellent value for money, offering the same technologies and features as more expensive premium brands—including lateral parallax adjustment, illuminated reticle systems, and Japanese optical glass—at more accessible price points. ### References - [1] ZeroTech Optics USA Business Profile and Homepage

Downloads & References

- [View Product Guide](#)