

ZeroTech 4-16x50mm PHR II Thrive Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-4-16x50mm-phr-ii-thrive-riflescope/>

Description:

ZeroTech Thrive HD 4-16x50mm PHR II Illuminated Riflescope delivers premium clarity, precision, and rugged reliability for hunters and shooters. Built with cutting-edge optical engineering and real-world durability, this riflescope combines advanced features with professional-grade performance for backcountry and range use.

Details:

ZeroTech Thrive HD 4-16x50mm PHR II Illuminated Riflescope delivers premium clarity, precision, and rugged reliability for hunters and shooters. Built with cutting-edge optical engineering and real-world durability, this riflescope combines advanced features with professional-grade performance for backcountry and range use.

****Price:**** Available

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

[View Product](<https://zerotech.com.au/p/4-16x50mm-phr-ii-thrive-riflescope/>)

Product Intelligence

ZeroTech Thrive 4-16x50mm PHR II Riflescope: Technical Details and Specifications ## Product Overview The ****ZeroTech Thrive 4-16x50mm**** is a mid-range hunting riflescope manufactured by ZeroTech Optics, designed to deliver clarity, precision, and durability across varying shooting distances. This Second Focal Plane (SFP) hunting optic represents the company's commitment to practical performance and reliable mechanics at fair pricing. ### Optical Specifications #### Magnification and Objective Lens - ****Magnification Range****: 4-16x variable magnification - ****Objective Lens Diameter****: 50mm - ****Main Tube Diameter****: 30mm - ****Focal Plane Design****: Second Focal Plane (SFP) The SFP design means that the reticle magnification changes with zoom power, making the reticle subtensions vary as you adjust magnification levels. ### Reticle Options The Thrive 4-16x50mm is available with multiple reticle configurations to suit different shooting applications: - ****PHR II Reticle**** (Primary illuminated option) - ****ZEROPLEX Reticle**** - ****R3 Reticle**** - ****Mildot SFP Reticle**** - ****PHR 4 Reticle**** ## Optical Performance Characteristics ### Eye Relief - ****Eye Relief Range****: 86-91mm (approximately 2.93 inches) This specification ensures comfortable and safe viewing distance for shooters, particularly important for recoil management and consistent sight picture acquisition. ### Field of View The riflescope provides variable field of view depending on magnification level: - ****At Low Magnification (4x)****: Approximately 9.8 meters at 100 meters - ****At High Magnification (16x)****: Approximately 2.4 meters at 100 meters ### Exit Pupil Diameter - ****At Low Magnification (4x)****: 12.5mm - ****At High Magnification (16x)****: 3.0mm The exit pupil diameter affects light gathering capability and image brightness at different magnification levels. ### Parallax Adjustment The scope includes parallax adjustment capability to correct for parallax error at different magnification levels and

distances, enhancing precision in shot placement. ## Mechanical Specifications ### Physical Dimensions Detailed dimensional specifications are available through the **Riflescope Dimensions** resource provided by ZeroTech Optics on their website, which displays the complete physical layout and measurements. ### Adjustment Capabilities - **Elevation Adjustment**: 60 MOA with 0.25 MOA per click increments - **Windage Adjustment**: Internal windage adjustment - **Elevation Adjustment**: Internal elevation adjustment with resetting capability The capped turrets feature resetting capability, enabling users to return them to zero after initial mounting and zeroing procedures, facilitating consistent and repeatable adjustments during use. ### Construction Materials - **Tube Material**: High-strength 7075-T6 aluminum - **Objective Outer Diameter**: 58.5mm The robust 7075-T6 aluminum construction ensures durability and ability to withstand demanding field use and recoil forces associated with firearm operation. ### Weight - **Weight**: Approximately 23.6 ounces (approximately 669 grams) ## Optical Coatings and Quality The Thrive 4-16x50mm features **fully multi-coated lenses** that provide consistent optical performance across varying lighting conditions, ensuring clarity and light transmission regardless of environmental factors. ## Available Accessories The scope is compatible with the **ZeroTech Magnification Throw Lever**, which enhances operational convenience and magnification adjustment capability. ## Included Documentation Each Thrive 4-16x50mm riflescope package includes: - **Instruction Manual**: Comprehensive operational guidance - **Product Manual**: Detailed technical specifications and setup procedures - **Reticle Range Chart**: Reference material for range estimation and hold-over capabilities using the PHR II reticle - **User Manual**: Accessible via QR code on welcome card for digital reference ## Design Philosophy The Thrive 4-16x50mm exemplifies ZeroTech's commitment to **dependable mechanics, solid optics, and fair pricing**. The scope pairs practical features with honest value, targeting traditional hunters and those building high-utility rifle scope systems. It emphasizes clear functional benefits and reliability over unnecessary technological complexity. ## Warranty and Support ZeroTech Optics backs its riflescope lineup with a **Triple A Lifetime Warranty** covering all products, demonstrating confidence in manufacturing quality and durability. ### Customer Service - **Email**: service@zerotechoptics.com - **Website**: zerotechoptics.com - **In-House Repair Facility**: Sydney-based service support with dedicated technicians skilled in optical and digital imaging repair ## Reliability and User Experience The Thrive 4-16x50mm is recognized for reliability in both big game hunting and precision shooting applications. Users appreciate the robustness of the scope in extreme environments, from intense cold to humid or rainy climates, with lenses maintaining clear visibility without fogging. The illuminated reticle option facilitates shooting in low light situations at dawn or dusk, increasing hunting success rates. --- ### References - [1] ZeroTech Optics Business Profile and Homepage

Downloads & References

- [View Product Guide](#)