

4-16x50mm Zeroplex Thrive Riflescope

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

Description:

The 4-16x50mm Zeroplex Thrive riflescope delivers dependable precision for hunters and target shooters. Featuring the Zeroplex reticle for fast, clean target acquisition, a 50mm objective lens for excellent light transmission in low-light conditions, and ZeroTech's Triple-A Lifetime Warranty.

Details:

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Brand: Zeroplex

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Product Intelligence

Thrive 4-16x50mm Zeroplex Riflescope: Technical Details, Specifications, and Features ## Product Overview The **Thrive 4-16x50mm Zeroplex** is a variable magnification riflescope manufactured by **ZeroTech Optics**, an Australian precision optics company. This model combines versatile magnification capabilities with practical reticle design, making it suitable for mid-range hunting and shooting applications. ## Magnification and Optical Specifications The riflescope features a **4-16x variable magnification range**, allowing shooters to adapt to different engagement distances and conditions. The magnification is paired with a **50mm objective lens diameter**, which provides excellent light-gathering capability for clear images across various lighting conditions. ### Exit Pupil Specifications - **Low Magnification (4x):** 12.5mm exit pupil diameter - **High Magnification (16x):** 3.0mm exit pupil diameter These measurements are critical for understanding the scope's brightness and the shooter's eye positioning flexibility at different magnification settings. ## Physical Dimensions and Construction The Thrive 4-16x50mm features a **30mm main tube diameter**, a standard specification that ensures durability and compatibility with most modern rifle mounts. Key physical measurements include: - **Objective Outer Diameter:** 58.5mm - **Ocular Outer Diameter:** 43.5mm - **Weight:** 23.6 ounces - **Eye Relief:** 86-91mm (approximately 3.39-3.58 inches) ## Field of View The riflescope provides versatile field of view capabilities: - **At Low Magnification (4x):** 28.1 feet at 100 yards - **At High Magnification (16x):** 6.91 feet at 100 yards Alternatively expressed in metric measurements at 100 meters: - **Low Magnification:** 9.8m - **High Magnification:** 2.4m ## Reticle System The **Zeroplex reticle** is the designated reticle pattern for this configuration. The Thrive 4-16x50 is also available with alternative reticle options including **PHR II SFP** and **Mildot SFP**, providing shooters with choices based on their specific shooting preferences and applications. ## Optical Design and Coating The riflescope utilizes a **Second Focal Plane (SFP)** design, which means the reticle size remains constant relative to the eyepiece while the magnification changes. This design choice affects how the reticle scales with magnification adjustments. The scope features **fully multi-coated lenses** that provide consistent optical performance and enhanced light transmission across varying lighting conditions, ensuring clarity and brightness regardless of environmental factors.

Adjustment and Targeting Features The riflescope incorporates **capped turrets** with **0.25 MOA per click adjustments**, enabling precise elevation and windage corrections for accurate shot placement. The adjustable turrets allow shooters to dial in compensation for bullet drop over different shooting distances. The **Weathershield lens coating** provides additional environmental protection, helping to maintain optical integrity in challenging field conditions. **## Included Accessories** The Thrive 4-16x50mm Zeroplex package includes: - **Reticle Range Chart** for range estimation and reticle calibration reference - **Instruction Manual** providing comprehensive operational and technical guidance - **High Quality Microfibre Cloth** for cleaning and maintaining the optical surfaces **## ZeroTech Optics Warranty** ZeroTech Optics backs the Thrive riflescope with comprehensive warranty coverage, demonstrating the manufacturer's confidence in product quality and durability. --- **## References** - [1] ZeroTech Optics - [2] Thrive 4-16x50 Rifle Scope - [3] ZeroTech Thrive 4-16x50 SFP Zeroplex Riflescope - [4] Riflescope - [5] Eye Relief

Downloads & References

- [View Product Guide](#)