

ZeroTech Thrive 3-12x44 SFP Zeroplex Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-optics/zerotech-thrive-3-12x44-sfp-zeroplex-riflescope/>

Description:

ZeroTech Thrive 3-12x44mm riflescope with Zeroplex reticle. A versatile mid-range hunting optic engineered for clarity, accuracy, and dependable performance. Features a 30mm tube, advanced lens coatings, 0.25 MOA per click adjustments, and Weathershield lens coating protection. Includes soft neoprene cover.

Details:

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****Price:**** 349.0 USD

****Brand:**** ZeroTech

****Availability:**** in_stock

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Product Intelligence

ZeroTech Thrive 3-12x44 SFP Zeroplex Riflescope: Technical Details and Specifications ## Overview The ****ZeroTech Thrive 3-12x44 SFP Zeroplex Riflescope**** is a versatile mid-range hunting optic manufactured by ZeroTech Optics. This scope combines clarity, accuracy, and dependable performance, making it an excellent choice for hunters seeking reliable optical equipment. ## Optical Specifications ### Magnification and Objective Lens The scope features a ****3-12x magnification range****, providing variable zoom capability from 3x to 12x power. This magnification range makes it suitable for both close-range hunting in dense cover and mid-range precision shooting at extended distances. The ****44mm objective lens diameter**** serves as a critical optical component responsible for light gathering. This specification directly influences the scope's brightness, contrast, and overall image clarity across varying lighting conditions, particularly in low-light environments. The objective lens determines how much light enters the optical system to reach the shooter's eye. ### Focal Plane Design The scope utilizes a ****Second Focal Plane (SFP)**** configuration, meaning the reticle is positioned in the second focal plane of the optical system. In this design, the reticle size remains constant regardless of magnification adjustments. This configuration affects how the reticle appears and functions across different magnification levels and influences the calibration methodology employed. ### Reticle System The ****ZEROPLEX reticle**** is the integrated aiming reference system for this model. This proprietary reticle design from ZeroTech provides practical aiming references for precision shooting applications. ## Optical Performance ### Light Transmission and Coatings The riflescope features ****fully multi-coated lenses**** that provide consistent optical performance across

varying lighting conditions. These advanced optical coatings enhance light transmission and optical clarity, resulting in brighter, clearer images with improved contrast. The fully multi-coated design ensures consistent performance regardless of environmental factors. ### Field of View The scope offers specific field of view measurements at 100 metres: - **Low magnification**: 9.8 meters - **High magnification**: 2.4 meters This field of view specification allows shooters to understand the visible area through the scope at different magnification levels. ### Exit Pupil Diameter The exit pupil diameter varies with magnification settings: - **Low magnification**: 12.5mm - **High magnification**: 3.0mm The exit pupil diameter is a critical optical specification affecting how much light reaches the shooter's eye at different magnification levels. ## Mechanical Construction ### Tube Diameter The scope features a **30mm main tube diameter**, which is a standard construction specification that provides structural integrity and robustness for demanding field use. The 30mm tube construction enhances the scope's ability to withstand recoil forces associated with firearm operation. ### Turret System The scope is equipped with **capped turrets** that protect the adjustment mechanisms while maintaining full functionality. The adjustment system features **0.25 MOA per click adjustments**, allowing for precise and repeatable vertical and horizontal corrections. ## Elevation Adjustment **Elevation adjustment** capability enables shooters to move bullet impact vertically by dialling the elevation turret. This vertical aiming capability allows compensation for bullet drop over different shooting distances, making it essential for accurate long-range and precision shooting. The mechanical adjustment system provides reliable performance for systematic ballistic compensation across varying distances and shooting conditions. ## Included Accessories and Documentation The riflescope comes with comprehensive user support materials: - **Instruction Manual** - Provides operational guidance and setup instructions - **Reticle Range Chart** - Included documentation to help hunters understand effective ranges and holds for the ZEROPLEX reticle system - **High Quality Microfibre Cloth** - Provided for cleaning and maintaining the scope optics ## Durability and Protection ### Water and Dust Resistance The scope is engineered with robust construction materials, including **high-strength 7075-T6 aluminum** in high-end models, chosen for its durability and ability to withstand demanding field use and recoil forces. This construction ensures the device maintains optical integrity and functionality in challenging conditions. ## Suitability and Applications The ZeroTech Thrive 3-12x44 SFP Zeroplex Riflescope is specifically designed for: - **Hunting applications** - The mid-range magnification and optical design make it versatile for various hunting scenarios - **Mid-range precision shooting** - The 3-12x magnification range and reliable tracking provide capability for moderate to extended distances - **Practical field use** - The dependable mechanics and clear glass optics ensure reliable performance in real-world hunting conditions ## Manufacturer Information ZeroTech Optics is an Australian precision optics company founded in 2018 that specializes in manufacturing optical equipment for hunters, competitive shooters, and outdoor enthusiasts, with over 50 years of combined expertise in the optics industry. --- ### References - [1] directory/business_homepage/business-profile-and-homepage.md

Downloads & References

- [View Product Guide](#)