

# ZeroTech Thrive HD 3-18x56 SFP R3 Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-thrive-hd-3-18x56-sfp-r3-riflescope/>

## Description:

ZeroTech Thrive HD 3-18x56 rifle scope with R3 reticle and 92 percent light transmission. Built for hunters who need precision in low light and long range. Features 18x magnification, large 56mm objective lens, HD optics, fine floating center dot, MOA subtensions, 30mm tube for strength and durability, and glass-etched reticle for clear precision.

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**Price:** 799.0 AUD

**Brand:** ZeroTech

**Availability:** in\_stock

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## Product Intelligence

# ZeroTech Thrive HD 3-18x56 SFP R3 Riflescope: Technical Details and Specifications ## Overview The **ZeroTech Thrive HD 3-18x56 SFP R3 Riflescope** is a precision hunting optic manufactured by ZeroTech Optics, designed specifically for low-light conditions and long-range shooting applications. This scope represents a high-quality mid to long-range hunting solution with professional-grade optical capabilities. ## Magnification and Optical Specifications ### Magnification Range The riflescope features a **variable magnification range of 3-18x**, enabling shooters to adapt to different engagement distances. At the lowest magnification (3x), users have a wider field of view suitable for closer-range hunting, while the maximum magnification of 18x provides the optical power necessary for precision aiming at extended distances. ### Objective Lens The scope is equipped with a **56mm objective lens diameter**, which provides exceptional light-gathering capability. This larger objective lens design is particularly valuable for low-light hunting scenarios, enabling superior image clarity during dawn, dusk, and overcast conditions when traditional optical equipment might struggle. ## Reticle System ### R3 Reticle Design The riflescope utilizes the **R3 reticle** as its primary aiming reference system. This reticle is purpose-built for hunting applications, providing shooters with simple yet effective elevation and wind references for accurate shot placement across various distances. ## Optical Design ### Second Focal Plane (SFP) Configuration The Thrive HD 3-18x56 employs a **Second Focal Plane design**, which affects how the reticle scales with magnification changes. In an SFP configuration, the reticle remains constant in physical size while the image magnifies around it, meaning the reticle subtensions are typically calibrated at a specific magnification level (often at

maximum magnification in hunting scopes). ### Multi-Coated Optics The riflescope features **fully multi-coated lenses** that provide consistent optical performance across varying lighting conditions, ensuring clarity and reliable light transmission regardless of environmental factors. ## Physical Specifications ### Dimensions and Weight The 3-18x56 configuration has a **weight of 862 grams (1.9 lbs)**, making it a relatively lightweight option for hunters who require extended periods of carrying their equipment. The scope's compact and well-balanced design contributes to reduced fatigue during extended hunting applications. ### Eye Relief The riflescope provides **91-100mm of eye relief**, which is a comfortable viewing distance that ensures shooters can maintain proper sight picture while accounting for recoil forces from firearm discharge. This generous eye relief is particularly valuable for hunters using high-recoil caliber rifles. ### Exit Pupil Diameter The scope features an **exit pupil diameter of 9.5mm at low magnification (3x)** and **3.1mm at high magnification (18x)**. These measurements define the diameter of the light beam exiting the eyepiece, which affects brightness and field of view characteristics at different magnification levels. ### Field of View At 100 meters distance, the riflescope delivers: - **11.1 meters field of view at low magnification (3x)** - **1.9 meters field of view at high magnification (18x)** This field of view progression makes the scope versatile for both close-range hunting scenarios requiring situational awareness and long-range precision shooting where target isolation is important. ## Construction and Durability ### Tube Diameter The scope features a **30mm main tube diameter**, which is the standard diameter for modern riflescope construction. This tube size supports reliable mounting, internal adjustment mechanisms, and structural integrity under recoil forces. ## Included Documentation and Accessories ### Product Manual The riflescope comes with a **comprehensive product manual** that provides detailed instructions for setup, operation, and maintenance. Additionally, the welcome card includes a **QR code linking to the user manual** for convenient access to operational guidance. ### Range Reference Materials The package includes a **reticle range chart** that assists shooters with distance-based holdover calculations and effective range estimation using the R3 reticle subtensions. ### Maintenance Accessories A **high-quality microfibre cloth** is provided for cleaning and maintaining the optical surfaces of the scope, helping preserve lens clarity and optical performance over time. ## Manufacturer Support The ZeroTech Thrive HD 3-18x56 SFP R3 Riflescope is manufactured by **ZeroTech Optics**, an Australian precision optics company founded in 2018 with over 50 years of combined expertise in the optics industry. ZeroTech Optics is known for dependable mechanics, clear glass optics, repeatable tracking, and responsive customer support in the USA market and beyond. ## Product Line Context This model belongs to the **Thrive HD product line**, which represents ZeroTech's mid-to-premium hunting optics with emphasis on practical features, reliable mechanics, and excellent optical clarity. The Thrive HD line is designed for hunters requiring versatile, dependable optics for mid-range to long-range hunting applications. ### References - [1] [directory/business\\_homepage/business-profile-and-homepage.md](https://www.zerotechoptics.com.au/directory/business_homepage/business-profile-and-homepage.md)

## Downloads & References

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