

# THRIVE HD 6-24x50mm PHR II Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/thrive-hd-6-24x50mm-phr-ii-riflescope/>

## Description:

Discover unparalleled precision with the THRIVE HD 6-24x50mm PHR II Riflescope. Designed for hunters and shooters who demand long-range capability, this scope features industry-leading high definition glass and the refined PHR II reticle. With a powerful 6-24x magnification and a 50mm objective lens, the THRIVE HD delivers crystal-clear images and uncompromising strength, making it the ideal choice for both field and range use. Features include: PHR II Reticle with fine dot and precise elevation hold overs, 6-24x magnification ideal for extended range shooting, 50mm objective lens for superior light transmission, 30mm tube for enhanced light transmission and rigidity, HD alloy flip-up covers (adjustable and removable), capped turrets with 0.25 MOA per click adjustments, 92% light transmission for low light visibility, and Weathershield lens coating for environmental protection.

## Details:

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**\*\*Price:\*\*** 699.0 AUD

**\*\*Brand:\*\*** ZeroTech

**\*\*Availability:\*\*** in\_stock

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## Product Intelligence

# THRIVE HD 6-24x50mm PHR II Riflescope ## Overview The **THRIVE HD 6-24x50mm PHR II Riflescope** is a precision optical device manufactured by **ZeroTech Optics**, designed for hunters and shooters requiring variable magnification and enhanced optical clarity. This riflescope represents a mid-to-high-range offering in ZeroTech's comprehensive optical equipment lineup. ## Magnification and Optical Specifications ### Magnification Range The riflescope features a **6-24x magnification range**, providing variable zoom capability from 6x to 24x power. This magnification range accommodates both moderate and extended-distance shooting scenarios, enabling shooters to adapt to different engagement distances and environmental conditions. ### Objective Lens The **50mm objective lens diameter** serves as the primary light-gathering component, collecting light from the

viewed subject and forming the initial image that is subsequently magnified through the optical system. This diameter specification is fundamental to the optical performance, directly determining light-gathering capability, image brightness, contrast, and field of view characteristics. ### Focal Plane Configuration The riflescope utilizes a **Second Focal Plane (SFP)** design, meaning the reticle is positioned in the second focal plane of the optical system. In this configuration, the reticle size remains constant regardless of magnification adjustments, with the reticle calibrated at 8x magnification power for accurate point-of-aim reference. ### Light Transmission The THRIVE HD 6-24x50mm achieves **92% light transmission** through its optical system, indicating superior optical clarity and brightness. This high light transmission capability ensures consistent optical performance across varying lighting conditions, providing clear images regardless of environmental factors. ## Field of View At 100 meters distance, the riflescope provides variable field of view depending on magnification setting: - **Low Magnification (6x):** 5.9 meters - **High Magnification (24x):** 1.5 meters ## Exit Pupil Diameter The exit pupil specifications vary with magnification: - **Low Magnification:** 12.5mm - **High Magnification:** 3.0mm ## Tube and Construction ### Main Tube Diameter The riflescope features a **30mm main tube**, providing a robust structural component that forms the primary optical barrel housing. This tube diameter is standard for mid-to-high-range precision riflescopes. ### Structural Materials The riflescope is constructed from **high-strength 7075-T6 aluminum**, a material chosen for its durability and ability to withstand demanding field use and recoil forces associated with firearm operation. ## Reticle System ### PHR II Reticle The riflescope is equipped with the **PHR II reticle**, available in both standard and illuminated versions. The illuminated variant features a **floating center dot**, enhancing visibility in varying light conditions and facilitating shooting in low-light situations. ### Reticle Options Alternative **R3 reticle configuration** is available as an option for this model, providing users with flexibility in choosing their preferred aiming reference. ### Lens Coating The reticle benefits from a **glass-etched design**, allowing for greater shooting accuracy as the reticle remains sharp and accurate at any magnification level. ## Turret and Adjustment Specifications ### Elevation and Windage Adjustments The riflescope features **capped turrets** designed to provide accurate, repeatable adjustments with **0.25 MOA (minute of angle) adjustments per click**. The capped design serves to protect the adjustment mechanisms while enabling straightforward operation for elevation and windage calibration. ### Internal Adjustment Range - **Elevation Adjustment:** 90 MOA internal range - **Windage Adjustment:** 90 MOA internal range ### Turret Index Value The turret index value of **0.25 MOA** enables precise windage and elevation control for accurate targeting. ## Eye Relief and Comfort The riflescope provides **91-100mm of eye relief**, ensuring safe and comfortable viewing distance between the shooter's eye and the ocular lens during operation. ## Optical Coatings ### Multi-Coated Optics The riflescope features **fully multi-coated lenses** that provide consistent optical performance and enhanced clarity across varying lighting conditions. ### Weathershield Coating The THRIVE HD is equipped with **Weathershield Lens Coating**, a protective treatment applied to its optical elements. This coating: - Provides comprehensive weather resistance and protection from dust, moisture, and environmental exposure - Enhances overall durability of the optical system - Maintains optical clarity and image fidelity - Optimizes light transmission for superior optical performance ### FMC Lens Coating The riflescope utilizes **FMC (Fully Multi-Coated) lens coating** specifically designed to improve light transmission and optical clarity. ## Physical Specifications ### Weight The riflescope weighs **26.1 ounces** (or **26.95 ounces** in some variants), affecting overall system weight considerations for field use. ### Objective Lens Outer Diameter The objective lens features an outer diameter of **57.5mm**, with specifications adapted for proper mounting compatibility. ### Ocular Outer Diameter The ocular lens has an outer diameter of **43.5 millimeters**. ## Environmental Protection ### Waterproof Rating The riflescope meets **IPX7 waterproof rating standards**, providing protection in wet environments and reliable performance in wet conditions. This rating ensures the device maintains optical integrity and functionality in challenging weather conditions. ## Parallax Adjustment The riflescope includes **parallax adjustment ranging from 10 meters to infinity**, allowing shooters to correct for parallax error at different magnification levels and distances, enhancing precision by ensuring accurate target focus. ## Package Contents ### Included Documentation and Accessories - **Instruction Manual:** Provides comprehensive guidance for proper use and operation of the riflescope - **Reticle Range Chart:** Included documentation providing ballistic data and distance

estimation information for the illuminated reticle, assisting with range calculations and shot placement

## Manufacturer and Warranty The THRIVE HD 6-24x50mm PHR II Riflescope is manufactured by **ZeroTech Optics**, an Australian precision optics company founded in 2018. ZeroTech has established itself as a manufacturer known for dependable mechanics, clear glass optics, repeatable tracking, and responsive customer support.

### Warranty Coverage ZeroTech Optics backs its product line with a **Triple A Lifetime Warranty** covering all products, ensuring long-term reliability and customer satisfaction.

## Application and Performance The THRIVE HD 6-24x50mm PHR II Riflescope is designed for **hunting and long-range shooting applications**, combining variable magnification capability with precision optical performance. The combination of 92% light transmission, robust construction, advanced reticle design, and environmental protection makes it suitable for both standard and extended-distance shooting scenarios across varying environmental conditions.

### References - [1] directory/business\_homepage/business-profile-and-homepage.md

## Downloads & References

- [View Product Guide](#)