

3-18x56mm PHR II Illuminated Thrive HD Rifle Scope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/3-18x56mm-phr-ii-illuminated-thrive-hd-riflescope/>

Description:

High-quality illuminated rifle scope with 3-18x magnification and 56mm objective lens. Features PHR II reticle and Thrive HD optics for superior clarity and performance in hunting and shooting applications. The PHR II Illuminated reticle provides a floating center dot with precise elevation hold overs at 1.1, 2.5, 5, 10, 15, 20, and 25 MOA. Built with a robust 30mm tube, 92% light transmission, fully multi-coated optics, and weathershield lens coating. Includes heavy duty alloy flip-up covers, locking ring tool, instruction manual, reticle range chart, and microfibre cloth.

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Price: 799.0 AUD

Brand: ZeroTech

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Product Intelligence

THRIVE HD 3-18x56mm PHR II Illuminated Rifle Scope - Technical Specifications ## Overview The **THRIVE HD 3-18x56mm PHR II Illuminated Rifle Scope** is a precision optical instrument manufactured by ZeroTech designed for hunters and precision shooters. This mid-to-high magnification scope combines advanced optical technology with robust construction to deliver reliable performance in various shooting conditions. ## Magnification and Optical Specifications The rifle scope features a **3-18x magnification range**, providing versatility across different shooting distances and scenarios. The **56mm objective lens diameter** serves as the primary light-gathering component, enabling excellent brightness and light transmission characteristics. This combination allows shooters to adapt from wider fields of view at lower magnifications to detailed target identification at maximum magnification. The scope achieves **92% light transmission** through its optical system, ensuring bright, clear images even in challenging lighting conditions. This high light transmission efficiency is a critical performance characteristic for hunting and precision shooting applications. ## Reticle System The scope is equipped with the **PHR II illuminated reticle** featuring a **floating center dot**. This advanced reticle design enhances target acquisition and shot placement accuracy across the magnification range. The illumination capability improves visibility in low-light shooting scenarios, making the scope suitable for dawn and dusk hunting conditions. ## Mechanical Construction The

riflescope is built with a **30mm tube construction**, providing a robust structural foundation for the optical system. This diameter standard ensures compatibility with standard mounting rings and bases used in modern rifle systems. **Turret adjustments** are capped with **0.25 MOA per click adjustments**, allowing precise elevation and windage corrections for accurate shot placement at various distances. The capped design protects the adjustment mechanisms from accidental changes during field use while maintaining full functionality. **Field of View** At 100 meters distance, the riflescope provides: - **Low magnification (3x): 9.8 meters** field of view - **High magnification (18x): 2.4 meters** field of view This variable field of view accommodates different hunting scenarios, from wide-angle observation to precise long-range targeting. **Eye Relief** The scope provides **91-100mm of eye relief**, offering safe and comfortable positioning for the shooter's eye relative to the ocular lens. This generous eye relief accommodates various shooting positions and is particularly valuable for shooters wearing eyeglasses. **Optical Coatings and Durability** The riflescope features: - **Weathershield lens coating** providing enhanced durability and weather resistance - **Glass etched reticle** for reliable reticle visibility and durability - **Heavy duty alloy flip-up covers** protecting the objective and ocular lenses from environmental damage and impacts **Exit Pupil Characteristics** The scope maintains optimal exit pupil dimensions: - **Low magnification: 9.5mm** exit pupil diameter - **High magnification: 3.1mm** exit pupil diameter These specifications ensure effective light transmission and proper eye placement across the magnification range. **Physical Specifications** - **Weight: 30.4 ounces (approximately 862 grams)** - **Objective lens outer diameter: 63.5mm** - **Main tube diameter: 30mm** **Focal Plane Design** The riflescope utilizes **Second Focal Plane (SFP)** optical design, where the reticle size remains constant regardless of magnification adjustments. The reticle is calibrated at specific magnification for accurate point-of-aim reference. **Included Accessories** The riflescope package includes: - **Instruction Manual** providing operational guidance and specifications - **Reticle Range Chart** for distance estimation and ballistic calculations - **High Quality Microfibre Cloth** for cleaning and maintaining optical surfaces **Reticle Options** The THRIVE HD 3-18x56mm is available with multiple reticle configurations, including the **R3 reticle** option, providing users with flexibility in selecting their preferred aiming system based on specific shooting requirements. **Application** This riflescope is purpose-built for hunting applications requiring variable magnification across moderate to extended distances. The combination of quality optics, durable construction, and user-friendly features makes it suitable for both standard hunting scenarios and more demanding precision shooting applications. --- **References** - [1] THRIVE HD 3-18x56mm PHR II Illuminated Riflescope - [2] Riflescope (General Artifact Definition) - [3] Field of View At 100 Metres (Specification) - [4] Eye Relief (Specification) - [5] Objective Lens Diameter (Specification)

Downloads & References

- [View Product Guide](#)