

# ZeroTech Thrive HD 6-24x50 SFP PHR 2 Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-thrive-hd-6-24x50-sfp-phr-2-riflescope/>

## Description:

ZeroTech Thrive HD 6-24x50mm riflescope with PHR II reticle and SFP design. A long range hunting optic engineered for clarity, precision, and reliability. Features 6-24x magnification, 50mm objective lens, 30mm tube, 92% light transmission, and 0.25 MOA per click adjustments. Designed for hunters and shooters who demand clarity, reliability, and consistent performance in both field and range environments.

## Details:

ZeroTech Thrive HD 6-24x50mm riflescope with PHR II reticle and SFP design. A long range hunting optic engineered for clarity, precision, and reliability. Features 6-24x magnification, 50mm objective lens, 30mm tube, 92% light transmission, and 0.25 MOA per click adjustments. Designed for hunters and shooters who demand clarity, reliability, and consistent performance in both field and range environments.

**Price:** 449.0 USD

**Brand:** ZeroTech

**Availability:** in\_stock

[View Product](<https://store.zerotechoptics.com/p/6-24x50mm-phr-ii-thrive-hd-riflescope>)

## Product Intelligence

# ZeroTech Thrive HD 6-24x50 SFP PHR 2 Riflescope: Technical Specifications and Features ## Product Overview The **ZeroTech Thrive HD 6-24x50 SFP PHR 2 Riflescope** is a long-range hunting optic engineered for precision shooting and clarity at extended distances. Manufactured by ZeroTech Optics, this illuminated riflescope combines advanced optical technology with practical features designed for hunters requiring exceptional performance in variable lighting conditions. ## Magnification and Optical Specifications ### Magnification Range The riflescope features a **6-24x variable magnification range**, allowing shooters to adapt from moderate magnification for closer targets to high-power magnification for extended-range precision shooting. This magnification capability makes the scope suitable for long-range hunting applications across diverse distance scenarios. ### Objective Lens Diameter The **50mm objective lens diameter** provides superior light-gathering capability, which directly determines the scope's brightness and optical performance across varying lighting conditions. The larger objective lens ensures consistent image clarity and enhanced performance in low-light environments, particularly important for dawn and dusk hunting situations. ## Focal Plane Design The riflescope utilizes a **Second Focal Plane (SFP) configuration**, meaning the reticle size remains constant regardless of magnification adjustments. This design characteristic affects how the reticle appears and functions across different magnification levels, with the reticle subtensions varying with magnification changes. ## Reticle System ### PHR II Illuminated Reticle The scope is equipped with

an **illuminated PHR II reticle system** designed for refined aiming and precision target engagement. The illumination feature facilitates shooting in low-light situations at dawn or dusk, significantly increasing shooting success chances. The PHR II reticle is specifically calibrated at 8x magnification power for accurate point-of-aim reference. **Reticle Range Chart A** **Reticle Range Chart** is included with the scope to assist shooters with range estimation and provide distance-based hold points for the PHR II reticle system, enhancing long-range accuracy. **Optical Performance Characteristics**

- Light Transmission** The riflescope achieves **92% light transmission** through its optical system, providing enhanced image brightness and clarity across various lighting conditions.
- Fully Multi-Coated Lenses** The scope features **fully multi-coated optical surfaces** that deliver consistent optical performance and enhanced image brightness. These advanced optical coatings improve light transmission and contrast, contributing to clearer images regardless of environmental factors.
- Field of View** The scope provides comprehensive viewing capability:
  - Low Magnification Field of View**: 5.9m at 100 metres
  - High Magnification Field of View**: 1.5m at 100 metres
- Exit Pupil Specifications** The exit pupil diameter specifications are:
  - Low Magnification**: 12.5mm
  - High Magnification**: 3.0mmThese specifications ensure adequate light transmission to the shooter's eye across the magnification range.
- Eye Relief** The riflescope provides **91-100mm of eye relief**, offering a safe and comfortable distance between the shooter's eye and the ocular lens. This generous eye relief specification is particularly valuable for eyeglass wearers and enables safe positioning during recoil.
- Elevation Adjustment** The scope features **60 MOA internal elevation adjustment range**, providing substantial vertical aiming capability for compensating bullet drop across various shooting distances. The elevation adjustment enables shooters to systematically correct for ballistic variations and distance-related bullet drop.
- Construction and Durability**
- Material and Build Quality** The riflescope is constructed to withstand demanding field use, featuring robust optical design suitable for high-recoil firearm applications. The construction ensures the device maintains optical integrity and functionality in challenging environmental conditions.
- Waterproof Rating** The scope incorporates **IPX7 waterproof rating** for dust and water resistance, protecting internal optical components from moisture and environmental contamination.
- Included Accessories** The complete package includes:
  - Instruction Manual** - Detailed guidance for setup and operation
  - High-Quality Microfibre Cloth** - For cleaning and maintaining optical surfaces
  - Reticle Range Chart** - Reference material for distance-based aiming
- Practical Features for Hunters** The ZeroTech Thrive HD 6-24x50 SFP PHR 2 Illuminated Riflescope is designed with practical features including:
  - Illuminated reticle for low-light hunting situations
  - Reliable mechanics for field durability
  - Advanced optical clarity for precise target identification
  - Extended magnification range for versatile shooting distances
  - Comprehensive documentation and maintenance accessories

**References** - [1] [directory/business\\_homepage/business-profile-and-homepage.md](directory/business_homepage/business-profile-and-homepage.md)

## Downloads & References

- [View Product Guide](#)