

# ZeroTech Thrive HD 1-8x24 LPVO SFP G4 Illuminated Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-tactical-optics/zerotech-thrive-hd-1-8x24-lpvo-sfp-g4-illuminated-riflescope/>

## Description:

ZeroTech Thrive HD 1-8x24 rifle scope with illuminated G4 reticle. A versatile tactical scope ideal for AR platforms and close to mid-range accuracy. Features SFP configuration with constant reticle size, aircraft-grade 7075-T6 aluminum construction, 1-8x magnification range, and enhanced situational awareness. Built for hunters and shooters who value speed, clarity and performance.

## Details:

ZeroTech Thrive HD 1-8x24 rifle scope with illuminated G4 reticle. A versatile tactical scope ideal for AR platforms and close to mid-range accuracy. Features SFP configuration with constant reticle size, aircraft-grade 7075-T6 aluminum construction, 1-8x magnification range, and enhanced situational awareness. Built for hunters and shooters who value speed, clarity and performance.

**Price:** 449.0 USD

**Brand:** ZeroTech

**Availability:** in\_stock

[View Product](<https://store.zerotechoptics.com/p/1-8x24-sfp-g4-illuminated-thrive-hd-riflescope>)

## Product Intelligence

# ZeroTech Thrive HD 1-8x24 LPVO SFP G4 Illuminated Riflescope ## Overview The **ZeroTech Thrive HD 1-8x24 LPVO SFP G4 Illuminated Riflescope** is a precision optical instrument manufactured by ZeroTech Optics, designed as a low-power variable optic for tactical and hunting performance. This riflescope represents advanced rifle optics technology engineered for shooters requiring speed at close range, clarity at distance, and reliable performance across varying engagement distances. ## Key Specifications ### Magnification and Optical Performance The riflescope features a **1-8x magnification range**, providing versatile zoom capability that enables fast target acquisition at 1x magnification while delivering precision at 8x magnification. The 24mm objective lens diameter contributes to the instrument's light-gathering capability and optical brightness, making it suitable for both daylight and low-light shooting conditions. ### Physical Design and Construction This optical system is constructed from **aircraft-grade 7075-T6 aluminum**, a high-strength material selected for its durability and ability to withstand demanding field use and recoil forces associated with firearm operation. The design emphasizes a lightweight profile, making it suitable for hunting, tactical training, and range shooting applications. ### Reticle Configuration The riflescope is equipped with an **illuminated G4 reticle** within a **second focal plane (SFP) design**. In the SFP configuration, the reticle size remains constant regardless of magnification adjustments, with the reticle calibrated specifically at **8x magnification** for accurate point-of-aim reference. ### Field of View At 100 meters distance, the riflescope provides: - **Low magnification (1x): 9.8m** field of view - **High magnification (8x): 2.4m** field of view This wide field of view at low magnification supports situational awareness and

tactical awareness, facilitating rapid target acquisition while maintaining environmental awareness. ### Elevation and Windage Adjustment The riflescope incorporates \*\*90 MOA of internal elevation adjustment\*\* for distance engagement capability across various shooting distances. Adjustments are made using \*\*0.25 MOA turret increments\*\*, providing precise windage and elevation corrections for accurate shot placement. ### Eye Relief and Exit Pupil - \*\*Eye relief: 3.58 to 3.94 inches\*\*, providing safe and comfortable distance between the shooter's eye and the ocular lens - \*\*Exit pupil diameter: 8.0mm at 1x magnification and 3.0mm at 8x magnification\*\* ## Optical Features The riflescope incorporates \*\*fully multi-coated lenses\*\* that provide clear images and consistent brightness across varying lighting conditions. This optical coating ensures clarity and light transmission regardless of environmental factors, making the instrument suitable for diverse shooting scenarios. ### Illumination System The riflescope features \*\*digital push-button illumination\*\* with \*\*six brightness settings\*\*, allowing shooters to adjust reticle brightness to match ambient lighting conditions for optimal visibility. ## Applications This riflescope is specifically designed for: - \*\*Hunting applications\*\* requiring versatile magnification across different distances - \*\*Tactical training\*\* emphasizing speed and precision - \*\*Range shooting\*\* applications demanding reliable optical performance - \*\*AR platform\*\* configurations and modern firearm systems ## Optical Advantages The Thrive HD 1-8x24 LPVO combines multiple design features that deliver practical advantages: - \*\*Speed at close range\*\* through 1x magnification with wide field of view - \*\*Clarity at distance\*\* via 8x magnification for precision shooting - \*\*Reliable performance\*\* across moderate to extended engagement distances - \*\*HD multi-coated glass\*\* ensuring superior image clarity and brightness - \*\*Compact design\*\* with lightweight construction for tactical and hunting mobility The riflescope represents ZeroTech Optics' commitment to engineered dependability and optical performance, combining American engineering expertise with tactical and hunting optic capabilities. ### References Unfortunately, no document chunks with specific reference IDs were provided in the knowledge base to cite. The information above is synthesized directly from the Knowledge Graph Data entities and relationships describing the ZeroTech Thrive HD 1-8x24 LPVO SFP G4 Illuminated Riflescope.

## Downloads & References

- [View Product Guide](#)