

# ZeroTech Vengeance 1-4x24 LPVO SFP RAR Illuminated Riflescope

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## Description:

The Vengeance 1-4x24 LPVO is designed for shooters who need fast target engagement and dependable performance at close to mid range distances. With true 1x capability, the optic supports both eyes open shooting and quick transitions between targets. Increasing magnification to 4x allows shooters to extend their reach while maintaining a clear and controlled sight picture. The RAR MOA Illuminated reticle combines a center dot, segmented illuminated circle, and MOA holdover markings to support both rapid engagement and precise shot placement. The illuminated reticle provides six brightness levels, allowing the aiming point to remain visible across different lighting conditions. Constructed with a 30mm 6061-T6 aircraft grade aluminum tube, the Vengeance LPVO is built for durability and dependable field performance. Fully multi coated lenses support clear image quality, while capped turrets help maintain protected adjustments during use. Designed to balance performance and value, the Vengeance 1-4x24 LPVO provides a practical optic solution for shooters building a reliable rifle setup for training, range use, and defensive applications.

## Details:

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**\*\*Price:\*\*** 229.0 USD

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

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

[View Product](<https://zerotechoptics.com/p/vengeance-1-4x24-sfp-lpvo-rar-moa>)

## Product Intelligence

# ZeroTech Vengeance 1-4x24 LPVO SFP RAR Illuminated Riflescope ## Overview The **\*\*ZeroTech Vengeance 1-4x24 LPVO SFP RAR Illuminated Riflescope\*\*** is a low-power variable optic rifle scope specifically designed for fast target acquisition and dependable performance at close to mid-range

distances. This scope represents an entry-level to mid-range option in the Vengeance lineup, offering versatility for both AR platforms and hunting applications. ## Key Specifications ### Magnification and Optical Performance The riflescope features a **1-4x magnification range**, providing true 1x magnification capability for close-quarters battle speed and fast target acquisition, while allowing up to 4x magnification for mid-range precision shooting. This magnification range makes it ideal for scenarios requiring both rapid engagement at close distances and accurate aiming at moderate ranges. ### Objective Lens The scope is equipped with a **24mm objective lens diameter**, which determines the light-gathering capability of the optical system. This specification affects the overall brightness and light transmission characteristics of the scope, making it suitable for various lighting conditions while maintaining a relatively compact profile. ### Focal Plane Configuration The riflescope utilizes a **Second Focal Plane (SFP)** optical design, meaning the reticle size remains constant regardless of magnification adjustments. In this configuration, the reticle is calibrated at a specific magnification power to ensure accurate point-of-aim reference during shooting. ### Field of View At 100 meters distance, the scope provides: - **Low magnification:** 9.8 meters - **High magnification:** 2.4 meters This field of view specification helps users understand the visible area available at different magnification levels. ## Construction and Durability ### Tube Material The riflescope features a **30mm main tube constructed from 6061-T6 aircraft-grade aluminum**. This robust material selection ensures durability and the ability to withstand demanding field use and recoil forces associated with firearm operation while maintaining optical integrity. ### Optical Coatings The scope incorporates **fully multi-coated lenses**, which provide consistent optical performance across varying lighting conditions. These advanced optical coatings enhance light transmission and improve image clarity, ensuring visibility regardless of environmental factors. ## Reticle System ### RAR MOA Illuminated Reticle The scope features a **RAR MOA illuminated reticle**, providing reliable aiming capability with illumination features. This reticle design is particularly useful in dawn, dusk, and shaded shooting conditions, enhancing target visibility and acquisition speed. ## Additional Features ### Elevation and Windage Adjustment The riflescope incorporates **elevation adjustment** and **windage adjustment** capabilities, allowing shooters to dial in vertical and horizontal corrections for accurate shot placement at various distances. ### Capped Turrets The scope features **capped turrets** that protect the adjustment mechanisms while maintaining full functionality for elevation and windage corrections. ### Eye Relief The Vengeance 1-4x24 SFP LPVO provides **2.95 inches (75mm) of eye relief**, which determines the comfortable distance the shooter's eye must be positioned from the scope's ocular lens during operation. ### Exit Pupil Diameter The exit pupil diameter ranges from **13.7mm at low magnification to 6.4mm at high magnification**, affecting light transmission to the shooter's eye across the magnification range. ### Weight The riflescope weighs **21.02 ounces (596 grams)**, contributing to the overall weight and balance of a mounted rifle system. ## Intended Applications The ZeroTech Vengeance 1-4x24 LPVO SFP RAR Illuminated Riflescope is specifically designed for: - **AR platforms** and modern rifle configurations - **Close to mid-range hunting** applications - **Fast target acquisition** scenarios requiring quick engagement - **Training and range use** balancing performance and value - **Defensive applications** requiring versatile magnification capabilities ## Manufacturer Information The riflescope is manufactured and distributed by **ZeroTech Optics**, an Australian precision optics company established in 2018. ZeroTech Optics backs the Vengeance riflescope line with a **Triple A Lifetime Warranty**, providing comprehensive coverage for all products.

## Downloads & References

- [View Product Guide](#)