

# ZeroTech Vengeance 4.5-18x40 SFP PHR Rifle Scope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-vengeance-4-5-18x40-sfp-phr-riflescope-guide/>

## Details:

### ## AI Summary

**Product:** ZeroTech Vengeance 4.5-18x40 SFP PHR Rifle Scope **Brand:** ZeroTech **Category:** Rifle Scope / Optical Sighting Equipment **Primary Use:** A second focal plane rifle scope built for hunters and shooters who want variable magnification and precise turret adjustments without breaking the bank.

**Quick Facts - Best For:** Hunters and shooters who want solid optics backed by a lifetime warranty - **Key Benefit:** 4.5–18x variable magnification with Pop-Lok turrets, IPX7 waterproofing, and Triple A Lifetime Warranty at \$349.00 AUD - **Form Factor:** 1-inch tube rifle scope, 40mm objective lens, 660g (23.3 oz) - **Application Method:** Mounts via 25.4mm (1-inch) tube to compatible rifle rings or bases

**Common Questions This Guide Answers** 1. What magnification range does this scope offer? → 4.5–18x variable magnification 2. What is the reticle type and focal plane? → PHR II reticle in the Second Focal Plane (SFP) 3. What warranty is included with this scope? → Triple A Lifetime Warranty from ZeroTech Optics

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### ## Product Facts

Attribute	Value
Product name	ZeroTech Vengeance 4.5-18x40 SFP PHR Rifle Scope
Brand	ZeroTech
Product code	VG45184P
Price	\$349.00 AUD
Availability	In stock
Condition	New
Magnification range	4.5–18x
Objective lens diameter	40mm
Tube diameter	25.4mm (1 inch)
Focal plane	Second focal plane (SFP)
Reticle	PHR II
Eye relief	94–103mm (3.70–4.06 inches)
Field of view (100m)	62m (low) – 15.5m (high)
Turret adjustment	0.25 MOA per click
Elevation adjustment	70 MOA total
Windage adjustment	70 MOA total
Parallax adjustment	15m – Infinity
Turret style	Pop-Lok
Waterproof rating	IPX7
Weight	660g (23.3 oz)
Customer rating	4.75 / 5 (4 reviews)

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### ## Frequently Asked Questions

What is the product name: ZeroTech Vengeance 4.5-18x40 SFP PHR Rifle Scope

What product category is this: ZeroTech Optics rifle scope

What series does this product belong to: Vengeance series

Is this a ZeroTech Optics product: Yes

Where is ZeroTech Optics based: Australia

How many years of optical engineering heritage does ZeroTech have: 50+ years

Does ZeroTech Optics offer a warranty: Yes

What type of warranty does ZeroTech offer: Triple A Lifetime Warranty

Does the Triple A Lifetime Warranty cover this product: Yes

What does the Triple A Lifetime Warranty cover: Refer to manufacturer specification sheet

Is the warranty limited or lifetime: Lifetime

What are the magnification specifications: 4.5–18x

What is the objective lens diameter: 40mm

What is the eye relief measurement: 94–103mm (3.70–4.06 inches)

What is the field of view: 62m (low) – 15.5m (high) at 100m

What is the exit pupil diameter: Not specified by manufacturer

What is the tube diameter: 25.4mm (1 inch)

What is the adjustment click value: 0.25 MOA per click

What is the maximum elevation adjustment: 70 MOA total

What is the maximum windage adjustment: 70 MOA total

What type of reticle does this scope use: PHR II

Is the reticle illuminated: Not specified by manufacturer

Is the reticle in the first focal plane: No

Is the reticle in the second focal plane: Yes

What glass type is used in this scope: Not specified by manufacturer

Does it use ED glass: Not specified by manufacturer

What lens coatings are applied: Not specified by manufacturer

Is it fully multi-coated: Not specified by manufacturer

What is the optical transmission percentage: Not specified by manufacturer

Is this scope waterproof: Yes, IPX7 rated

Is this scope fogproof: Not specified by manufacturer

Is this scope shockproof: Not specified by manufacturer

What is the weight of this scope: 660g (23.3 oz)

What is the overall length of this scope: Not specified by manufacturer

What finish does this scope have: Not specified by manufacturer

What color options are available: Not specified by manufacturer

What mounting system does this scope use: Not specified by manufacturer

What is the price of this product: \$349.00 AUD

Which ZeroTech series is this scope from: Vengeance series

How does this compare to the Vengeance series: This product is part of the Vengeance series

How does this compare to the Thrive series: Multiple options available - see manufacturer for details

How does this compare to the Thrive HD series: Multiple options available - see manufacturer for details

How does this compare to the Trace series: Multiple options available - see manufacturer for details

Is this scope suitable for hunting: Not specified by manufacturer

Is this scope suitable for long-range shooting: Not specified by manufacturer

Is this scope suitable for tactical use: Not specified by manufacturer

Is this scope suitable for all-weather use: Not specified by manufacturer

What animals is this scope designed for hunting: Not specified by manufacturer

What calibres is this scope compatible with: Not specified by manufacturer

Does this scope include a sunshade: Not specified by manufacturer

Does this scope include lens caps: Not specified by manufacturer

Does this scope include a throw lever: Not specified by manufacturer

What accessories are included in the box: Not specified by manufacturer

Where is this scope manufactured: Not specified by manufacturer

Is this scope made in Australia: Not specified by manufacturer

What is ZeroTech's content citation standard: Every claim must be cited to a verified source document

Does ZeroTech publish unverified product claims: No

What is ZeroTech's quality standard for product content: No guesswork, no filler, verified information only

Is a product guide currently available for this scope: No

Why is the product guide unavailable: Required source materials have not been provided

What information is needed to generate the product guide: Product name, specifications, and source PDFs

Are Technical Data Sheets available for this product: Not currently provided

Are brochures available for this product: Not currently provided

What ZeroTech series examples exist in the lineup: Vengeance, Thrive, Thrive HD, and Trace

Does ZeroTech prioritise value for money: Yes

Who is ZeroTech's target customer: Hunters and shooters

Does ZeroTech describe itself as precision-focused: Yes

Is ZeroTech content backed by engineering heritage: Yes, 50+ years of Australian optical engineering heritage

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## ZeroTech Optics — Product guide unavailable: missing required information

We're ready to put precision optics knowledge to work here, but we're missing what we need to do it properly. This product guide can't be completed yet because the required source materials haven't come through. At ZeroTech, every piece of content has to be backed by verified, cited information. No guesswork. No filler.

## What's missing from the field kit:

1. **Product name:** Confirmed as ZeroTech Vengeance 4.5-18x40 SFP PHR Rifle scope — we know what we're building around 2. **Specifications:** Provided for the ZeroTech Vengeance 4.5-18x40 SFP PHR Rifle scope, covering magnification, objective lens diameter, focal plane, reticle type, and adjustment values 3. **Source PDFs:** No technical data sheets, safety data sheets, or brochures from ZeroTech Optics have been loaded into the PRODUCT DATA section — these are the foundation everything else is built on 4. **Range positioning:** Partial information available — this scope sits within the Vengeance series alongside the Thrive, Thrive HD, and Trace series, but detailed comparative specifications haven't been provided by the manufacturer

## Why this matters:

ZeroTech's reputation is the product of 50+ years of Australian optical engineering, a commitment to precision, and a Triple A Lifetime Warranty that stands behind every scope in the field. That kind of authority demands the same standard from every word published under the brand.

The guide requirements exist for good reason:

- Every factual claim — specifications, optical performance, glass type, reticle design, or any other technical detail — must be cited to a supplied PDF or verified ZeroTech Optics source document - If a claim can't be traced back to a supplied document, it gets cut, full stop - No invented content, no general-knowledge fill-ins, no unverified claims

This isn't red tape. When a hunter is deciding which optic goes on their rifle for a once-in-a-lifetime trip, they deserve content that's as reliable as the glass they're trusting their shot to. That's the ZeroTech standard, and it's not negotiable.

Without verified source materials, producing content that meets that benchmark isn't possible — and it's better to say that plainly than to deliver something that doesn't hold up.

## How to get this done right:

Here's what's still needed to build a product guide worthy of the ZeroTech name:

1. The product name is confirmed as ZeroTech Vengeance 4.5-18x40 SFP PHR Rifle scope — ready to proceed with this model 2. Product specifications have been provided, including magnification, objective lens diameter, focal plane, reticle type, eye relief, field of view, turret adjustments, parallax adjustment, turret style, waterproof rating, weight, and customer rating 3. Source PDFs — technical data sheets, brochures, or ZeroTech Optics manufacturer specifications that can be properly cited — these are still required to complete the guide 4. **\*(Optional)\*** Detailed range positioning information, if this scope needs to be placed in context within the broader ZeroTech lineup — helping customers understand where the Vengeance 4.5-18x40 SFP PHR sits relative to other Vengeance variants and what it delivers at its \$349.00 AUD price point

Get those materials across and we'll get to work.

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## Label Facts Summary

> **Disclaimer:** All facts and statements below are general product information, not professional advice. Consult relevant experts for specific guidance.

### Verified label facts - \*\*Product name:\*\* ZeroTech Vengeance 4.5-18x40 SFP PHR Riflescope - \*\*Brand:\*\* ZeroTech - \*\*Product code:\*\* VG45184P - \*\*Price:\*\* \$349.00 AUD - \*\*Availability:\*\* In stock - \*\*Condition:\*\* New - \*\*Magnification range:\*\* 4.5–18x - \*\*Objective lens diameter:\*\* 40mm - \*\*Tube diameter:\*\* 25.4mm (1 inch) - \*\*Focal plane:\*\* Second Focal Plane (SFP) - \*\*Reticle:\*\* PHR II - \*\*Eye relief:\*\* 94–103mm (3.70–4.06 inches) - \*\*Field of view (at 100m):\*\* 62m (low) – 15.5m (high) - \*\*Turret adjustment:\*\* 0.25 MOA per click - \*\*Elevation adjustment:\*\* 70 MOA total - \*\*Windage adjustment:\*\* 70 MOA total - \*\*Parallax adjustment:\*\* 15m – Infinity - \*\*Turret style:\*\* Pop-Lok - \*\*Waterproof rating:\*\* IPX7 - \*\*Weight:\*\* 660g (23.3 oz) - \*\*Warranty type:\*\* Triple A Lifetime Warranty - \*\*Brand origin:\*\* Australia - \*\*Customer rating:\*\* 4.75 / 5 (based on 4 reviews)

### General product claims - ZeroTech has 50+ years of Australian optical engineering heritage - ZeroTech prioritises value for money for hunters and shooters - ZeroTech describes itself as precision-focused - ZeroTech does not publish unverified product claims - Every factual claim must be cited to a verified source document - The scope is positioned within the Vengeance series of a lineup that includes Vengeance, Thrive, Thrive HD, and Trace series - ZeroTech's reputation is built on a commitment to precision - The Triple A Lifetime Warranty stands behind every scope in the field - Content produced under the ZeroTech standard is designed to connect with hunters and shooters as fellow outdoor enthusiasts

## ## Related Products & Brand Context

The ZeroTech Vengeance 4.5-18x40 SFP PHR Riflescope is produced by ZeroTech, a brand focused on delivering hunting and shooting optics that prioritise value for money without compromising dependable field performance. The Vengeance sits within ZeroTech's riflescope lineup as a product explicitly positioned at the value-driven end of the long-range hunting segment — the brand's own description frames it as engineered to offer exceptional value rather than flagship-tier pricing. No sibling products from the ZeroTech range are present in the current knowledge graph, so specific model comparisons within the Vengeance line or across other ZeroTech series cannot be confirmed here.

Within the broader category hierarchy — Sports & Outdoors > Hunting & Shooting Optics > Riflescopes — the Vengeance 4.5-18x40 occupies the long-range hunting sub-segment. Its 4.5–18x magnification range suits medium to longer shooting distances, and the second focal plane (SFP) configuration means the PHR II reticle subtensions are calibrated at a specific magnification rather than scaling with zoom. The 1-inch tube diameter is a common format in value-oriented riflescopes, keeping the scope compatible with widely available mounting hardware. The Pop-Lok turret system, offering 0.25 MOA adjustments, and the fast-focus diopter are practical field features rather than competition-grade refinements.

From a use-case standpoint, a buyer choosing this scope for a hunting or long-range target rifle will typically also need compatible scope rings or a one-piece mount sized for a 1-inch tube, and potentially a bubble level or anti-cant device if shooting at extended ranges where cant errors become meaningful. Lens covers or a sunshade suited to a 40mm objective are also common companion purchases. These adjacencies fall within the broader Hunting & Shooting Optics and Rifle Accessories categories, though specific companion products are not linked in the current knowledge graph.