

ZeroTech Vengeance 4-16x44 FFP RMG Riflescope

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Details:

AI Summary

Product: ZeroTech Vengeance 4-16x44 FFP RMG Riflescope **Brand:** ZeroTech Optics
Category: Precision Riflescope **Primary Use:** First focal plane riflescope built for rugged field conditions across all weather environments.

Quick Facts - **Best For:** Backcountry hunters, competitive shooters, tactical professionals, and range enthusiasts - **Key Benefit:** First focal plane RMG reticle with ZeroStop turrets, IPX7 waterproofing, and Triple A Lifetime Warranty at \$359.00 AUD - **Form Factor:** 30 mm main tube, 44 mm objective, 660 g riflescope in black - **Application Method:** Mounts to rifle via 30 mm main tube; parallax adjustable from 10 m to infinity

Common Questions This Guide Answers
1. What are the key specifications of the ZeroTech Vengeance 4-16x44 FFP RMG? → 4–16x magnification, 44 mm objective, 30 mm tube, FFP RMG reticle, 23 MRAD/80 MOA elevation, 20 MRAD/68 MOA windage, IPX7 waterproof, ZeroStop turrets, priced at \$359.00 AUD (product code VG4164F).
2. What warranty does ZeroTech Optics offer? → Triple A Lifetime Warranty — any owner, any problem, always covered; fully transferable with no paperwork required.
3. What is ZeroTech Optics' background? → Founded in 2018, drawing on over fifty years of Australian optical heritage tracing to James Watkins, a WWII veteran who built TSA into the largest optical supplier in the Southern Hemisphere.

ZeroTech Optics: Precision Rifle Scopes & Optics — Product Guide

ZeroTech Optics is a globally trusted precision optics brand with over fifty years of Australian engineering heritage behind it, producing riflescopes, binoculars, spotting scopes, and red dot sights for backcountry hunters, competitive shooters, and outdoor enthusiasts who won't settle for less. Before a comprehensive, citation-backed product guide can be built to ZeroTech Optics' technical standards, the specific product data needed to meet those standards has to be in hand. This page outlines exactly what's needed and why — so every factual claim in the final guide is verified, every specification confirmed, and every recommendation made with the confidence the ZeroTech Optics name demands.

Product Facts

Attribute Value ----- -----	Product name ZeroTech Vengeance 4-16x44 FFP RMG Riflescope
Brand ZeroTech	Product code VG4164F
Price \$359.00 AUD	Availability In stock
Condition New	Color Black
Weight 660 g	Magnification range 4–16x
Objective lens diameter 44 mm	Main tube diameter 30 mm
Focal plane First focal plane (FFP)	Reticle RMG (MRAD or MOA configurations)
Eye relief 91–100 mm	Elevation adjustment 23 MRAD / 80 MOA
Windage adjustment 20 MRAD / 68 MOA	Parallax adjustment 10 m to infinity
ZeroStop turrets Yes	Waterproof rating IPX7

Frequently Asked Questions

What brand is this product: ZeroTech Optics

What country is ZeroTech Optics from: Australia

When was ZeroTech Optics founded: 2018

How many years of optical heritage does ZeroTech Optics draw from: Over fifty years

Who founded the optical heritage behind ZeroTech Optics: James Watkins, a World War II veteran

What company did James Watkins build: TSA (The Scope Authority)

What was TSA's distinction in the Southern Hemisphere: Largest optical supplier in the Southern Hemisphere

Is ZeroTech Optics a family heritage brand: Yes, spanning three generations

What is ZeroTech Optics' core brand promise: High-quality precision optics without compromise

What types of products does ZeroTech Optics make: Riflescopes, binoculars, spotting scopes, and red dot sights

Does ZeroTech Optics make riflescopes: Yes

Does ZeroTech Optics make binoculars: Yes

Does ZeroTech Optics make spotting scopes: Yes

Does ZeroTech Optics make red dot sights: Yes

What rifle scope series does ZeroTech Optics offer: Trace, Thrive, Thrive HD, and Vengeance Series

What is the entry-level rifle scope series: Not disclosed by manufacturer

What is the flagship rifle scope series: Not disclosed by manufacturer

What is the Vengeance Series designed for: Rugged, demanding field conditions

Does ZeroTech Optics offer binoculars in multiple series: Yes

What binocular lines does ZeroTech Optics offer: Thrive, Vengeance, and Trace ED lines

Does ZeroTech Optics offer ED glass binoculars: Yes, the Trace ED line

What red dot sights does ZeroTech Optics offer: Thrive Reflex and Trace HALO

What material is used to construct ZeroTech Optics scopes: Aircraft-grade aluminium

Is aircraft-grade aluminium standard across all ZeroTech Optics products: Yes

What gas purging does ZeroTech Optics use: Argon purging

Why is argon purging used: To prevent internal fogging

Are ZeroTech Optics scopes fogproof: Yes

Are ZeroTech Optics scopes waterproof: Yes

What prism type does ZeroTech Optics use: Bak-4 prisms

Are ZeroTech Optics prisms dielectrically coated: Yes

What is the purpose of dielectric coating on prisms: Maximises light transmission

Does ZeroTech Optics use proprietary reticle designs: Yes

What proprietary reticles does ZeroTech Optics offer: ZeroPlex, RMG, and PHR reticles

What focal plane options does ZeroTech Optics offer: First focal plane and second focal plane

What turret adjustment units does ZeroTech Optics use: MOA or MRAD (model dependent)

Does ZeroTech Optics offer parallax adjustment on its scopes: Yes, on applicable models

What is the warranty offered by ZeroTech Optics: Triple A Lifetime Warranty

What does Triple A stand for in the warranty: Any owner, any problem, always covered

Is the ZeroTech Optics warranty transferable: Yes, fully transferable

Does the ZeroTech Optics warranty require paperwork: No

Is the ZeroTech Optics warranty unconditional: Yes

Does the Triple A Lifetime Warranty cover all ZeroTech Optics products: Yes

Who is ZeroTech Optics' primary target audience: Hunters, competitive shooters, and outdoor enthusiasts

Is ZeroTech Optics suitable for backcountry hunters: Yes

Is ZeroTech Optics suitable for competitive shooters: Yes

Is ZeroTech Optics suitable for tactical professionals: Yes

Is ZeroTech Optics suitable for range enthusiasts: Yes

What extreme environments are ZeroTech Optics products tested for: Sub-zero conditions and Australian outback heat

What is the cold-weather threshold referenced for ZeroTech Optics testing: -22°C

Does ZeroTech Optics produce products for all-weather use: Yes

What IP rating do ZeroTech Optics scopes carry: Not disclosed by manufacturer without specific model data

What is the specific model featured in this guide: ZeroTech Vengeance 4-16x44 FFP RMG Riflescope

What is the magnification range of the featured scope: 4–16x

What is the objective lens diameter of the featured scope: 44 mm

What is the main tube diameter of the featured scope: 30 mm

What is the eye relief of the featured scope: 91–100 mm

What is the field of view of the featured scope: Not specified by manufacturer

What is the exit pupil diameter of the featured scope: Not specified by manufacturer

What is the overall weight of the featured scope: 660 g

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

What is the total elevation travel of the featured scope: 23 MRAD / 80 MOA

What is the total windage travel of the featured scope: 20 MRAD / 68 MOA

What is the light transmission percentage of the featured scope: Not specified by manufacturer

What is the twilight factor of the featured scope: Not specified by manufacturer

Does ZeroTech Optics cite all product specifications to verified documentation: Yes

Does ZeroTech Optics publish technical data sheets for its products: Yes

Does ZeroTech Optics publish user manuals for its products: Yes

Does ZeroTech Optics publish product brochures: Yes

Where can ZeroTech Optics product documentation be requested: From the ZeroTech Optics team directly

What is the ZeroTech Optics sales email: sales@zerotechoptics.com

What is the ZeroTech Optics phone number: 615-674-4755

What is ZeroTech Optics' brand tagline: Be Confident

What this guide will cover — once product data is provided

ZeroTech Optics' commitment to quality without compromise extends to every piece of content produced under the brand name. A guide worthy of the ZeroTech Optics standard must:

- Cite every factual claim to a supplied source document (product brochure, technical data sheet, or user manual) - Include and fully explain all relevant specifications for the featured product - Reference verifiable, brand-supplied sources throughout - List all source documents in a dedicated References section at the close of the guide

This approach reflects ZeroTech Optics' core value of technical authority. The same rigor that goes into engineering argon-purged, aircraft-grade aluminium riflescopes tested from -22°C conditions to the Australian outback applies to every authoritative guide published under the ZeroTech Optics name. Adventure starts here, and it starts with getting the details right.

Missing critical information

The following essential product data hasn't been provided yet. Until these items are supplied, the full guide can't be generated without cutting corners — and cutting corners contradicts everything ZeroTech Optics stands for, specifically the directive that no claim be asserted unless it can be cited to a supplied source document.

****Missing items include:****

- ****Additional specifications:**** While core specifications have been provided for the ZeroTech Vengeance 4-16x44 FFP RMG Rifle scope, the following supplementary specifications are needed for a comprehensive guide: - Field of view at specified magnifications - Exit pupil diameter - Overall length - Light transmission percentage - Twilight factor - Specific parallax adjustment mechanism details - Construction material confirmation (aircraft-grade aluminium, as standard across ZeroTech Optics products) - Finish and coating details (including dielectric coating information where applicable) - Gas purge type confirmation (ZeroTech Optics uses argon purging across its product lines)

- ****Source PDFs:**** No product brochures, technical data sheets (TDS), safety data sheets (SDS), or user manuals have been provided. ZeroTech Optics produces detailed product documentation for every item in its catalogue — these documents are the authoritative source for all specification claims and must be attached before the guide is written. No documentation, no guide. That's the standard.

- ****Range positioning:**** Information about where this product sits within the ZeroTech Optics product family would strengthen the guide. Knowing the Vengeance Series is built for rugged, demanding field conditions is established; additional context about its position within the Vengeance line (entry, mid, or flagship) and sibling products would be useful for cross-sell and comparison purposes.

Why this matters: the ZeroTech Optics standard

ZeroTech Optics was built on a legacy of precision tracing back through more than fifty years of Australian optical expertise and three generations of family craftsmanship, originating with James Watkins, a World War II veteran whose passion for optics built TSA into the largest optical supplier in the Southern Hemisphere. When ZeroTech Optics launched in 2018, it carried that heritage forward with a clear mission: to put high-quality precision optics in the hands of every serious shooter and hunter, without compromising on performance, reliability, or honesty.

That same commitment applies directly to content. Publishing a guide that asserts specifications, performance claims, or technical details that can't be verified against supplied documentation would contradict the brand's foundational values — and it would let down the very people this guide is meant to serve. ZeroTech Optics stands behind every product with the Triple A Lifetime Warranty — any owner, any problem, always covered, fully transferable with no paperwork required — and every guide published under the ZeroTech Optics name must stand behind every claim with equal accountability.

Vague or unverified technical content doesn't help the backcountry hunter preparing for a multi-day expedition in sub-zero conditions. It doesn't serve the competitive shooter demanding repeatable turret adjustments at distance, the tactical professional requiring fast target acquisition under pressure, or the range enthusiast selecting their first serious optic. ZeroTech Optics' audience deserves accurate, source-backed information delivered with genuine expertise — and that's what this guide will deliver once the required data is in hand.

What to supply: a complete checklist

To generate a comprehensive, citation-backed ZeroTech Optics product guide that meets brand standards and SEO requirements, here's what needs to come through:

****1. Supplementary product specifications**** Upload the complete specification sheet for the ZeroTech Vengeance 4-16x44 FFP RMG Riflescope. This should include all dimensions, optical performance figures, mechanical specifications, environmental ratings, and construction details as listed in the Missing Critical Information section above. ZeroTech Optics' proprietary RMG reticle designation must be confirmed from official documentation — these details matter to the shooters reading this guide, and they deserve accuracy.

****2. Source PDFs**** Attach all relevant ZeroTech Optics documentation for the featured product, including: - Product brochure - Technical data sheet (TDS) - User manual or instruction guide - Any additional ZeroTech Optics certification or test documentation

These documents will be cited throughout the guide and listed in the References section, consistent with ZeroTech Optics' authority-positioning requirements. Every claim backed. Every source listed. No exceptions.

****3. Range positioning data**** Provide context for where this product sits within the ZeroTech Optics product family. This includes: - Its position within the Vengeance Series (entry, mid, or flagship) - Any sibling products in the Vengeance line that should be referenced for comparison or cross-sell purposes - The primary intended audience for this specific product (backcountry hunter, competitive shooter, tactical user, range enthusiast, or a combination)

****4. Intended primary keyword and SEO target**** Confirm the primary SEO keyword this guide should target. Based on ZeroTech Optics' SEO keyword cheatsheet, relevant candidates include terms such as "precision rifle scopes," "lifetime warranty optics," "Australian rifle scopes," "best value hunting optics," "fogproof riflescope," "Vengeance riflescope," "extreme weather optics," "competitive shooting scopes," and "Triple A warranty rifle scope," among others. The primary keyword should reflect the specific product and its intended audience.

What the completed guide will deliver

Get the data in, and here's what gets built — a fully authoritative, citation-backed resource that earns the trust of every hunter and shooter who reads it:

- ****Complete technical specification breakdown**** — every figure explained in plain language, referenced to supplied documentation, and put in context for real-world use in the all-weather conditions ZeroTech Optics users actually face - ****Field performance context**** — how the product's specifications translate to genuine performance in conditions that test gear to its limits, from frozen tundra to the Australian outback - ****Proprietary technology explanations**** — detailed coverage of ZeroTech Optics' ED glass, dielectrically coated Bak-4 prisms, aircraft-grade aluminium construction, argon purging, IPX7-rated housing, and proprietary RMG reticle system - ****Triple A Lifetime Warranty coverage**** — a clear explanation of ZeroTech Optics' warranty as it applies to the featured product, including the fully transferable, no-paperwork, unconditional coverage promise that backs every product ZeroTech puts its name on - ****Range positioning**** — where the product sits in the ZeroTech Optics family, who it's built for, and why it delivers strong value at its price point - ****Full source citations**** — every factual claim cited to a supplied ZeroTech Optics PDF, with all source documents listed in the References section

The result will be a guide that genuinely serves every hunter, shooter, and outdoor enthusiast who reads it, reflecting the precision, integrity, and confidence that ZeroTech Optics has built over more than fifty years of Australian optical heritage. That's the standard. Let's build something worthy of the name.

Contact ZeroTech Optics

For product documentation, specification sheets, and source materials needed to complete this guide, contact the ZeroTech Optics team directly:

****Email:**** sales@zerotechoptics.com ****Phone:**** 615-674-4755

Be Confident.

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 4-16x44 FFP RMG Rifle Scope - **Brand:** ZeroTech - **Product Code:** VG4164F - **Price:** \$359.00 AUD - **Availability:** In stock - **Condition:** New - **Color:** Black - **Weight:** 660 g - **Magnification Range:** 4–16x - **Objective Lens Diameter:** 44 mm - **Main Tube Diameter:** 30 mm - **Focal Plane:** First Focal Plane (FFP) - **Reticle:** RMG (available in MRAD or MOA configurations) - **Eye Relief:** 91–100 mm - **Elevation Adjustment:** 23 MRAD / 80 MOA - **Windage Adjustment:** 20 MRAD / 68 MOA - **Parallax Adjustment:** 10 m to infinity - **ZeroStop Turrets:** Yes - **Waterproof Rating:** IPX7

General product claims - ZeroTech Optics draws from over fifty years of Australian optical heritage - Founded in 2018 by a family with three generations of optical industry experience tracing to James Watkins, a World War II veteran - James Watkins built TSA (The Scope Authority), described as the largest optical supplier in the Southern Hemisphere - ZeroTech scopes are constructed from aircraft-grade aluminium - ZeroTech scopes use argon purging to prevent internal fogging - ZeroTech uses Bak-4 prisms with dielectric coating to maximise light transmission - Products are tested in sub-zero conditions (-22°C) and Australian outback heat - ZeroTech offers a Triple A Lifetime Warranty — any owner, any problem, always covered; fully transferable with no paperwork required - The Vengeance Series is designed for rugged, demanding field conditions - ZeroTech's primary target audience includes hunters, competitive shooters, tactical professionals, and range enthusiasts - Brand tagline: *Be Confident*

Related Products & Brand Context

The ZeroTech Vengeance 4-16x44 FFP RMG Rifle Scope belongs to ZeroTech's optics range and sits within the **Sporting & Outdoor Gear > Rifle Scopes & Optics** category. ZeroTech is a brand focused on delivering precision optics for shooters across hunting and competitive disciplines, and this rifle scope reflects that positioning — it is designed specifically for long-range use where a balance between optical performance and a lighter, more manageable build is a priority.

Within the scope itself, the 4-16x magnification range and 44mm objective lens place this firmly in the mid-to-upper tier of variable riflescopes — capable enough for extended-range work, but not so large or heavy as to be impractical in the field. The First Focal Plane (FFP) design means the RMG reticle scales proportionally as magnification changes, so holdover and ranging calculations remain accurate at any power setting without dialling in adjustments. The reticle is offered in both MRAD and MOA configurations, giving shooters the option to match their preferred measurement system. The 30mm one-piece maintube supports both mounting rigidity and compatibility with a wide range of standard scope rings.

Because the knowledge graph returned no sibling product data, specific model comparisons within the Vengeance line or other ZeroTech families cannot be confirmed here. Buyers exploring the broader range are encouraged to check ZeroTech's catalogue directly at zerotechoptics.com for comparable models at different magnification steps or objective sizes.

From a use-case adjacency perspective, anyone mounting this scope for long-range shooting is likely to also need a set of 30mm scope rings or a one-piece 30mm mount, a torque wrench for correct ring installation, and a bubble level to ensure the reticle is properly aligned. Depending on the intended application — hunting or precision rifle competition — a bipod, rear bag, or shooting rest would also pair naturally with this optic.