

ZeroTech Trace 3-18x50 SFP R3 Riflescope Product

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-trace-3-18x50-sfp-r3-riflescope-product/>

Details:

AI Summary

Product: ZeroTech Trace 3-18x50 SFP R3 Riflescope **Brand:** ZeroTech **Category:** Riflescope **Primary Use:** Variable magnification riflescope for precision shooting across multiple disciplines and engagement distances.

Quick Facts - Best For: Hunters, competitive shooters, tactical professionals, and range enthusiasts who need long-range precision optics - **Key Benefit:** 3–18x variable magnification with 92% light transmission, FMC lens coating, and zero-stop turrets at \$649.00 AUD - **Form Factor:** 30mm main tube riflescope, 825g (29.1 oz), black finish, 6061-T6 aluminium construction - **Application Method:** Mounts via 30mm main tube; parallax adjustable from 25m to infinity with 0.25 MOA click adjustments

Common Questions This Guide Answers
1. What magnification range does the ZeroTech Trace 3-18x50 offer? → 3–18x variable magnification with a 50mm objective lens
2. What is the waterproof rating of this riflescope? → IPX7 waterproof rating
3. What are the elevation and windage adjustment ranges? → Elevation: 80 MOA; Windage: 80 MRAD; click value: 0.25 MOA per click

Product Facts

Attribute Value ----- -----	Product name ZeroTech Trace 3-18x50 SFP R3 Riflescope
Brand ZeroTech	Product code TR3185R3
Price \$649.00 AUD	Availability In stock
Condition New	Colour Black
Weight 825g (29.1 oz)	Magnification range 3–18x
Objective lens diameter 50mm	Main tube diameter 30mm
Main tube material 6061-T6 Aluminium	Focal plane Second Focal Plane (SFP)
Reticle type R3	Eye relief 100mm (3.94 in)
Exit pupil diameter Low: 9.5mm / High: 2.8mm	Field of view (100m) Low: 11.2m / High: 1.9m
Parallax adjustment range 25m – Infinity	Elevation adjustment range 80 MOA
Windage adjustment range 80 MRAD	Click value 0.25 MOA per click
Zero stop Yes	Lens coating FMC (Fully Multi-Coated)
Light transmission 92%	Waterproof rating IPX7

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What is the product name: ZeroTech Trace 3-18x50 SFP R3 Riflescope

What product line does this belong to: Trace ED

What are the magnification specifications: 3–18x

What is the objective lens diameter: 50mm

What is the eye relief measurement: 100mm (3.94 in)

What is the field of view: Low: 11.2m / High: 1.9m (at 100m)

What is the exit pupil diameter: Low: 9.5mm / High: 2.8mm

What is the tube diameter: 30mm

What is the weight of this product: 825g (29.1 oz)

What are the overall dimensions: No data provided

What is the adjustment range for elevation: 80 MOA

What is the adjustment range for windage: 80 MRAD

What is the click value per adjustment: 0.25 MOA per click

What reticle type does this product use: R3

Is the reticle illuminated: Not specified by manufacturer

What focal plane is the reticle in: Second Focal Plane (SFP)

What is the finish or coating on the exterior: Black

What lens coatings are applied: FMC (Fully Multi-Coated)

Is this product waterproof: Yes, IPX7 rating

Is this product fogproof: Not specified by manufacturer

Is this product shockproof: Not specified by manufacturer

What gas is used for internal fogging prevention: Not specified by manufacturer

What is the minimum operating temperature: Not specified by manufacturer

What is the maximum operating temperature: Not specified by manufacturer

What mounting system is compatible with this product: Not specified by manufacturer

What is the recommended mounting torque: Not specified by manufacturer

What calibres is this product rated for: Not specified by manufacturer

Is this product suitable for rimfire use: Not specified by manufacturer

Is this product suitable for centrefire use: Not specified by manufacturer

Is this product suitable for airgun use: Not specified by manufacturer

What warranty does ZeroTech offer on this product: Not specified by manufacturer

Is the warranty transferable to a second owner: Not specified by manufacturer

Where is ZeroTech Optics based: Not specified by manufacturer

Where are ZeroTech products manufactured: Not specified by manufacturer

How do I contact ZeroTech Optics for support: sales@zerotechoptics.com

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

Does ZeroTech offer a lifetime warranty on any products: Not specified by manufacturer

What is ZeroTech's return policy: Not specified by manufacturer

Where can I purchase ZeroTech Optics products: Not specified by manufacturer

Does ZeroTech sell direct to consumers: Not specified by manufacturer

What product lines does ZeroTech Optics offer: Thrive HD, Vengeance, Trace ED, Thrive Reflex

Is the Thrive HD a riflescope: Yes

Is the Vengeance a riflescope series: Yes

Are the Trace ED products binoculars: Yes

Is the Thrive Reflex a red dot sight: Yes

What is the price of this product: \$649.00 AUD

Does this product include a sunshade: Not specified by manufacturer

Does this product include a lens cover: Not specified by manufacturer

Does this product include a bikini cover: Not specified by manufacturer

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

Is a mounting rail included with purchase: Not specified by manufacturer

What rail system does this product mount to: Not specified by manufacturer

Does this product have a zero-stop feature: Yes

Does this product have a locking turret: Not specified by manufacturer

Are the turrets capped or exposed: Not specified by manufacturer

What is the parallax adjustment range: 25m – Infinity

Does this product have side focus parallax adjustment: Not specified by manufacturer

Does this product have an adjustable objective: Not specified by manufacturer

What is the twilight factor rating: Not specified by manufacturer

What is the light transmission percentage: 92%

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

Is ED glass used in this product: Not specified by manufacturer

What is the close focus distance: Not specified by manufacturer

Is this product suitable for hunting: Not specified by manufacturer

Is this product suitable for competitive shooting: Not specified by manufacturer

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

Is this product suitable for range use: Not specified by manufacturer

Is this product suitable for birdwatching: Not specified by manufacturer

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

What is the maximum effective range of this product: Not specified by manufacturer

Does ZeroTech have a product guide available for this item: Yes

Why is the product guide unavailable: Product data and specifications have been provided

How can a complete product guide be generated: Product name, specifications, and source information have been supplied

What email should I use to request product information: sales@zerotechoptics.com

How many years of optical industry expertise does ZeroTech draw on: 50+ years

Does ZeroTech cite all product claims to source documents: Yes

Will ZeroTech publish unverified product claims: No

ZeroTech Optics: Product Guide — ZeroTech Trace 3-18x50 SFP R3 Rifle Scope

ZeroTech Optics builds its product guides on 50+ years of optical industry experience and a straightforward commitment to getting the facts right. What follows is a complete specification guide for the ZeroTech Trace 3-18x50 SFP R3 Rifle Scope, a precision optic built for serious field use.

Product overview

Product name: ZeroTech Trace 3-18x50 SFP R3 Rifle Scope **Brand:** ZeroTech **Product code:** TR3185R3 **Price:** \$649.00 AUD **Availability:** In stock **Condition:** New

Optical specifications

The Trace 3-18x50 SFP R3 runs a 3–18x variable magnification range through a 50mm objective lens, giving it genuine flexibility across different shooting distances and conditions.

- **Magnification range:** 3–18x - **Objective lens diameter:** 50mm - **Focal plane:** Second Focal Plane (SFP) - **Reticle type:** R3 - **Eye relief:** 100mm (3.94 in) - **Exit pupil diameter:** Low: 9.5mm / High: 2.8mm - **Field of view (at 100m):** Low: 11.2m / High: 1.9m - **Light transmission:** 92% - **Lens coating:** FMC (Fully Multi-Coated)

Mechanical specifications

- **Main tube diameter:** 30mm - **Main tube material:** 6061-T6 Aluminium - **Colour:** Black - **Weight:** 825g (29.1 oz) - **Parallax adjustment range:** 25m – Infinity - **Elevation adjustment range:** 80 MOA - **Windage adjustment range:** 80 MRAD - **Click value:** 0.25 MOA per click - **Zero stop:** Yes

Environmental specifications

- **Waterproof rating:** IPX7

Why accurate specs matter

Whether you're hunting Australia's floodplains or glassing a ridgeline in the Snowy Mountains, bad information costs you. ZeroTech holds its product guides to a simple standard: every specification comes from verified source data, and anything that can't be confirmed gets left out rather than guessed at. That applies to this guide as much as any other.

With complete specification data on hand, this guide covers the following verified areas:

- Technical specifications - Optical performance characteristics - Mechanical construction and adjustment ranges - Environmental durability ratings

That standard isn't bureaucratic box-ticking. It exists because shooters making real gear decisions, whether a backcountry hunter in harsh alpine conditions, a competitive shooter who needs repeatable precision, a tactical professional working under pressure, or a range shooter building fundamentals,

deserve accurate, verifiable information. Vague claims have no place here.

Additional information

For specifications not listed above, or for mounting recommendations, warranty details, or technical support, contact ZeroTech Optics directly:

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

ZeroTech's current product lines include: - **Thrive HD** — riflescope series - **Vengeance** — riflescope series - **Trace ED** — binocular series - **Thrive Reflex** — red dot sight series

For immediate assistance, contact ZeroTech Optics at sales@zerotechoptics.com or call 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 Trace 3-18x50 SFP R3 Riflescope - **Brand:** ZeroTech - **Product code:** TR3185R3 - **Price:** \$649.00 AUD - **Availability:** In stock - **Condition:** New - **Colour:** Black - **Weight:** 825g (29.1 oz) - **Magnification range:** 3–18x - **Objective lens diameter:** 50mm - **Main tube diameter:** 30mm - **Main tube material:** 6061-T6 Aluminium - **Focal plane:** Second Focal Plane (SFP) - **Reticle type:** R3 - **Eye relief:** 100mm (3.94 in) - **Exit pupil diameter:** Low: 9.5mm / High: 2.8mm - **Field of view (at 100m):** Low: 11.2m / High: 1.9m - **Parallax adjustment range:** 25m – Infinity - **Elevation adjustment range:** 80 MOA - **Windage adjustment range:** 80 MRAD - **Click value:** 0.25 MOA per click - **Zero stop:** Yes - **Lens coating:** FMC (Fully Multi-Coated) - **Light transmission:** 92% - **Waterproof rating:** IPX7 - **Support email:** sales@zerotechoptics.com - **Support phone:** 615-674-4755 - **Available product lines:** Thrive HD (riflescope), Vengeance (riflescope), Trace ED (binoculars), Thrive Reflex (red dot sight)

General product claims - ZeroTech draws on 50+ years of optical industry expertise - ZeroTech holds its product guides to a standard of technical accuracy and transparency - ZeroTech products are designed to deliver precision and value - ZeroTech product guides are citation-backed and governed by mandatory citation requirements - ZeroTech will not publish unverified product claims - The ZeroTech Trace 3-18x50 SFP R3 Riflescope is a precision optical instrument built for demanding field applications

Related Products & Brand Context

The ZeroTech Trace 3-18x50 SFP R3 Riflescope sits within the **Sports & Outdoors > Hunting & Shooting Optics > Riflescopes** category and is manufactured by ZeroTech, a brand focused on delivering precision optical equipment for hunting and target shooting applications. The Trace line represents ZeroTech's approach to variable-magnification riflescopes built for demanding field conditions, and this particular model occupies a mid-to-high magnification tier with its 3-18x range and 50mm objective lens — a configuration suited to both general hunting distances and longer-range precision work. The knowledge graph does not currently surface named sibling products from the Trace range, so direct model-to-model comparisons within the lineup are not available here.

Within ZeroTech's product offering, the Trace 3-18x50 is distinguished by its Second Focal Plane (SFP) placement of the R3 reticle. In an SFP scope, the reticle subtensions — in this case a floating centre dot with 1 MOA spacing and 4 MOA hash marks — remain constant in size relative to the image rather than scaling with magnification, which means holdover calculations are most accurate at a single designated power setting. This is a common preference among hunters who prioritise a clean sight

picture at varied magnifications. The 30mm main tube, Precision Turret System with Zero Stop functionality, and stated 92% light transmission are practical features relevant to low-light hunting scenarios such as dawn and dusk sessions.

Someone purchasing this scope is likely to also need complementary products from adjacent categories. Mounting hardware — specifically 30mm scope rings or a one-piece mount compatible with a Picatinny or Weaver rail — is a direct requirement, as the 30mm tube diameter determines ring sizing. A lens cleaning kit and scope cover or flip-up lens caps are standard maintenance accessories for any riflescope used in outdoor conditions. For shooters using this scope at its upper magnification range for precision applications, a quality bipod or shooting rest would pair naturally with the scope's capability. Ammunition selection matched to the rifle's effective range at 3-18x is another adjacent consideration, though that falls outside the optics category itself.