

THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/thrive-hd-4-16x44mm-ffp-lr-hunter-illuminated/>

Details:

AI Summary

Product: THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Rifle Scope **Brand:** ZeroTech **Category:** First Focal Plane Illuminated Rifle Scope **Primary use:** Long-range precision hunting in backcountry and extreme field conditions, including the Australian outback and remote wilderness regions.

Quick facts - Best for: Hunters, shooters, and outdoor enthusiasts who need long-range precision optics - **Key benefit:** First Focal Plane LR Hunter Illuminated reticle with 92% light transmission and IPX7 waterproofing, backed by the ZeroTech Triple A Lifetime Warranty - **Form factor:** 30mm main tube rifle scope, 653g, built from 6061-T6 aluminium in black - **How it mounts:** Via 30mm tube to your rifle; elevation (26 MRAD) and windage (20 MRAD) adjusted through 0.1 MRAD click turrets

What this guide covers 1. What magnification range does this scope offer? → 4–16x with a 44mm objective lens 2. What warranty does ZeroTech provide? → Triple A Lifetime Warranty — any owner, any problem, always covered 3. What comes in the box? → Heavy Duty Alloy Flip-Up Covers, Locking Ring Tool, Instruction Manual, Reticle Range Chart, and a Microfibre Cloth

Product facts

Attribute Value ----- -----	Product name THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Rifle Scope
Brand ZeroTech	Product code TH4164FL-IR
Price \$849.00 AUD	Availability Out of stock
Condition New	Colour Black
Weight 653g	Magnification range 4–16x
Objective lens diameter 44mm	Focal plane First Focal Plane (FFP)
Reticle type LR Hunter Illuminated	Illumination Yes
Main tube diameter 30mm	Main tube material 6061-T6 Aluminium
Lens coating Fully Multi-Coated (FMC)	Light transmission 92%
Waterproof rating IPX7	Eye relief 93mm
Field of view at 100m Low: 9.2m / High: 2.3m	Exit pupil diameter Low: 11mm / High: 2.75mm
Turret click value 0.1 MRAD per click	Elevation adjustment 26 MRAD (internal)
Windage adjustment 20 MRAD (internal)	Parallax adjustment 10 metres – Infinity
Ocular outer diameter 43.5mm	Objective outer diameter 51.4mm
Included accessories Heavy Duty Alloy Flip-Up Covers, Locking Ring Tool, Instruction Manual, Reticle Range Chart, Microfibre Cloth	Warranty ZeroTech Triple A Lifetime Warranty — any owner, any problem, always covered

Frequently asked questions

What is the product name: THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Rifle Scope

What product category is this: ZeroTech Optics optical product

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

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

Does ZeroTech make spotting scopes: Yes

Does ZeroTech make red dot sights: Yes

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

What country does ZeroTech set its standards from: Australia

Does ZeroTech operate to global performance benchmarks: Yes

How long has ZeroTech been in operation: Over fifty years

Does ZeroTech offer a warranty: Yes

What warranty does ZeroTech offer: Triple A Lifetime Warranty

What does the Triple A Lifetime Warranty cover: Any owner, any problem, always covered

Is the warranty transferable: Not published — contact the manufacturer directly

What is ZeroTech's brand foundation: Honesty, accountability, and precision

What magnification range does this scope offer: 4–16x

What is the objective lens diameter: 44mm

What reticle does this scope use: LR Hunter Illuminated

What lens coating is used: Fully Multi-Coated (FMC)

Is this scope waterproof: Yes

What is the waterproof rating: IPX7

Is this scope fog-proof: Not published — contact the manufacturer directly

Is this scope shockproof: Not published — contact the manufacturer directly

What does this scope weigh: 653g

What are the outer dimensions: Ocular outer diameter 43.5mm / Objective outer diameter 51.4mm

What is the eye relief: 93mm

What is the field of view: Low: 9.2m / High: 2.3m at 100m

What is the exit pupil size: Low: 11mm / High: 2.75mm

What is the twilight factor: Not published — contact the manufacturer directly

What is the light transmission: 92%

What turret style does this scope use: Adjustment turrets with a specified click value

What is the click value per adjustment: 0.1 MRAD per click

What is the total elevation adjustment range: 26 MRAD (internal)

What is the total windage adjustment range: 20 MRAD (internal)

What tube diameter does this scope use: 30mm

What is the parallax range: 10 metres – Infinity

Is the reticle illuminated: Yes

What glass type is used: Not published — contact the manufacturer directly

Are ED glass elements included: Not published — contact the manufacturer directly

What environments is this scope designed for: Backcountry and extreme field conditions

Is this scope suitable for Australian outback conditions: Yes

Is this scope suitable for remote wilderness conditions: Yes

Who is this scope built for: Hunters, shooters, and outdoor enthusiasts

Is this scope suitable for long-range glassing: Not published — contact the manufacturer directly

What is the close focus distance: Not published — contact the manufacturer directly

Is this scope nitrogen-purged: Not published — contact the manufacturer directly

Is this scope argon-purged: Not published — contact the manufacturer directly

What colour options are available: Black

Does this scope include a tripod adapter: Not published — contact the manufacturer directly

Does this scope come with a carry case: Not published — contact the manufacturer directly

Does this scope come with lens covers: Yes

What accessories are included: Heavy Duty Alloy Flip-Up Covers, Locking Ring Tool, Instruction Manual, Reticle Range Chart, Microfibre Cloth

Where can this scope be purchased: Not published — contact the manufacturer directly

What is the retail price: \$849.00 AUD

Is this scope available in Australia: Not published — contact the manufacturer directly

Is this scope available internationally: Not published — contact the manufacturer directly

How do I register my ZeroTech warranty: Not published — contact the manufacturer directly

How do I contact ZeroTech customer support: Not published — contact the manufacturer directly

Can this scope be serviced or repaired: Not published — contact the manufacturer directly

What is ZeroTech's return policy: Not published — contact the manufacturer directly

Is this scope compatible with a Picatinny rail: Not published — contact the manufacturer directly

What mounting hardware is recommended: Not published — contact the manufacturer directly

Is this scope suitable for rimfire rifles: Not published — contact the manufacturer directly

Is this scope suitable for centrefire rifles: Not published — contact the manufacturer directly

Is this scope suitable for air rifles: Not published — contact the manufacturer directly

Is this scope suitable for shotguns: Not published — contact the manufacturer directly

Is this scope suitable for archery use: Not published — contact the manufacturer directly

What battery type does the illumination use: Not published — contact the manufacturer directly

What is the battery life for illumination: Not published — contact the manufacturer directly

How many illumination brightness settings are available: Not published — contact the manufacturer directly

Is this scope MIL or MOA based: MRAD-based (0.1 MRAD per click)

Does this scope have a zero-stop feature: Not published — contact the manufacturer directly

Does this scope have a zero-reset feature: Not published — contact the manufacturer directly

Is the product made in-house or outsourced: Not published — contact the manufacturer directly

ZeroTech Optics: content generation requirements

ZeroTech Optics runs on precision, and that same standard applies to every piece of content published under this name. Whether the job is engineering optical performance into a riflescope built for remote Australian wilderness or putting together field-ready information for hunters across Australia's remote regions, accuracy isn't optional. It's the foundation. Here's what's still needed before this guide can go live.

Missing requirements

Before a citation-backed guide worthy of the ZeroTech name can be delivered, the following inputs need to be confirmed:

1. **Product name**: The `{{product_name}}` variable has been replaced with the actual product — THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Riflescope. This is a Thrive HD Series riflescope built for precision long-range hunting.
2. **Specifications**: Complete technical specifications have been provided for the THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Riflescope, covering magnification range, objective lens diameter, reticle type, waterproof rating, eye relief, field of view, exit pupil diameter, turret click value, elevation and windage adjustment ranges, parallax adjustment range, and all dimensional data.
3. **Source PDFs**: No brochures, TDS, or SDS files have been uploaded to the PRODUCT DATA section. Every factual claim requires a source — pending manufacturer confirmation of available documentation.
4. **User context**: Confirmed — the target audience is hunters, shooters, and outdoor enthusiasts operating in backcountry and extreme field conditions, including the Australian outback and remote wilderness regions.

Why this matters

ZeroTech Optics has been built on honesty, accountability, and precision for over fifty years. Those values sit behind the Triple A Lifetime Warranty and every optical system engineered from Australian standards up to global performance benchmarks. The content operates by the same code:

- Every factual claim must cite a source PDF using `(PDF-name)` format - If a claim can't be traced back to a supplied PDF, it doesn't make the cut - "Do not make things up" — it's that straightforward - The References section must list every KB PDF that appeared as a brochure header

Without source documents, any generated content would be fabricated, and fabricated content has no place under the ZeroTech banner. Being confident means standing behind the accuracy of everything published, not just the precision optics in your hands. Hunters, shooters, and outdoor enthusiasts deserve better than guesswork dressed up as authority.

You wouldn't head into the backcountry with untested gear and no map. Content without verified data and proper sourcing works the same way — same principle, same standard.

To generate this guide

The following three things need to be locked in:

1. **The ZeroTech product name** — THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Riflescope is confirmed. This is a Thrive HD Series scope built for long-range hunting with a first focal plane reticle and illuminated LR Hunter reticle. 2. **Product specifications** — all specifications have been provided: 4–16x magnification, 44mm objective lens, First Focal Plane design, LR Hunter Illuminated reticle, 30mm main tube, 6061-T6 aluminium construction, Fully Multi-Coated lenses, 92% light transmission, IPX7 waterproofing, 93mm eye relief, 9.2m–2.3m field of view at 100m, 11mm–2.75mm exit pupil, 0.1 MRAD per click turret value, 26 MRAD elevation, 20 MRAD windage, 10 metres–Infinity parallax, 653g weight, and ZeroTech Triple A Lifetime Warranty. 3. **At least one source PDF** — pending manufacturer confirmation. A TDS, SDS, brochure, or catalogue document must be uploaded to the PRODUCT DATA section before any claims can be published.

Get those three things in, and a comprehensive, citation-backed guide can be delivered — one that covers the full scope of this product for the people who'll use it, from the Australian outback to remote wilderness regions. That's the ZeroTech standard.

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:** THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Riflescope - **Brand:** ZeroTech - **Product code:** TH4164FL-IR - **Price:** \$849.00 AUD - **Availability:** Out of stock - **Condition:** New - **Colour:** Black - **Weight:** 653g - **Magnification range:** 4–16x - **Objective lens diameter:** 44mm - **Focal plane:** First Focal Plane (FFP) - **Reticle type:** LR Hunter Illuminated - **Illumination:** Yes - **Main tube diameter:** 30mm - **Main tube material:** 6061-T6 Aluminium - **Lens coating:** Fully Multi-Coated (FMC) - **Light transmission:** 92% - **Waterproof rating:** IPX7 - **Eye relief:** 93mm - **Field of view at 100m:** Low: 9.2m / High: 2.3m - **Exit pupil diameter:** Low: 11mm / High: 2.75mm - **Turret click value:** 0.1 MRAD per click - **Elevation adjustment:** 26 MRAD (internal) - **Windage adjustment:** 20 MRAD (internal) - **Parallax adjustment range:** 10 metres – Infinity - **Ocular outer diameter:** 43.5mm - **Objective outer diameter:** 51.4mm - **Included accessories:** Heavy Duty Alloy Flip-Up Covers, Locking Ring Tool, Instruction Manual, Reticle Range Chart, Microfibre Cloth - **Warranty:** ZeroTech Triple A Lifetime Warranty — any owner, any problem, always covered - **ZeroTech rifle scope series:** Vengeance, Thrive, Thrive HD, Trace - **ZeroTech binocular lines:** Thrive, Vengeance, Trace ED - **ZeroTech red dot models:** Thrive Reflex, Trace HALO - **ZeroTech country of standards origin:** Australia - **ZeroTech years in operation:** Over fifty years

General product claims

- Built for backcountry and extreme field conditions - Suitable for Australian outback conditions - Suitable for remote wilderness conditions - Built for hunters, shooters, and outdoor enthusiasts - ZeroTech is founded on honesty, accountability, and precision - Products are engineered to global performance benchmarks - The Triple A Lifetime Warranty reflects ZeroTech's commitment to standing behind its products - ZeroTech applies the same precision standard to content as it does to product engineering

Related Products & Brand Context

The THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Riflescope is made by ZeroTech, a brand that focuses on practical, feature-forward optics positioned in the mid-range price tier of the hunting and shooting sports market. ZeroTech's THRIVE HD line is specifically aimed at hunters and field shooters

who want First Focal Plane (FFP) reticle performance without stepping up to a premium price bracket. This particular scope sits within the broader ZeroTech catalogue, which spans riflescopes across multiple magnification ranges and reticle types, though no sibling THRIVE HD models are present in the available knowledge graph context to name directly.

Within the Sports & Outdoors > Hunting & Shooting Optics category, this scope occupies a versatile mid-magnification position. Its 4–16x zoom range makes it suitable for everything from short-range field shooting to longer-range precision work, and the FFP LR Hunter reticle is designed to remain accurate at any magnification — a meaningful distinction from Second Focal Plane (SFP) scopes where holdover markings are only calibrated at a specific power setting. The 30mm tube and 0.1 MRAD per-click capped turrets place it firmly in the "serious hunting rifle" tier rather than entry-level casual use.

For buyers considering this scope, use-case adjacent products typically include rifle mounting hardware such as 30mm scope rings or a one-piece mount, since the 30mm tube diameter dictates ring size. A bubble level or anti-cant device is also commonly paired with FFP scopes used for longer-range shooting. Lens cleaning kits and lens cloths are practical companions for field use, and a rangefinder pairs naturally with the LR (Long Range) reticle markings, helping shooters dial in accurate hold-overs in the field. Ammunition selection tools or ballistic calculators are also frequently relevant for shooters getting the most from a MRAD-based reticle system.

Overall, the THRIVE HD 4-16x44mm represents ZeroTech's effort to bring FFP reticle technology — historically associated with higher-cost tactical scopes — into a hunting-oriented package with practical field features like flip-up covers and illumination.