

ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red

Canonical: <https://zerotech-optics.directory.norg.ai/sporting-goods-outdoor-equipment/firearm-optics-sights/zerotech-thrive-hd-micro-reflex-sight-3-moa-red/>

Details:

AI Summary

Product: ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot **Brand:** ZeroTech Optics **Category:** Micro Reflex Red Dot Sight **Primary Use:** Compact, lightweight red dot sight built for rapid target acquisition and precision shooting across hunting, tactical, and competitive disciplines.

Quick Facts - Best For: Hunters, competitive shooters, tactical professionals, and range enthusiasts **Key Benefit:** Ultra-lightweight (19g) with unlimited eye relief, IPX7 waterproofing, and up to 150,000-hour battery life at \$149.00 AUD **Form Factor:** Micro reflex sight with RMsC footprint, premium aluminium body, black finish **Application Method:** Mounts directly to RMsC-compatible pistol slides, AR-platform receivers, or dedicated mounting plates using included hex keys and screw sets

Common Questions This Guide Answers 1. What footprint does the ZeroTech Thrive HD Micro Reflex Sight use? → RMsC footprint compatibility 2. What is the battery life of the ZeroTech THDM21? → Up to 150,000 hours maximum using a CR2032 battery, with auto sleep/auto on power management 3. What warranty covers this product? → ZeroTech's Triple A Lifetime Warranty — any owner, any problem, always covered, fully transferable with no time limit

Product Facts

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|--------------------------------|-------------------|-------------------------|---|
| Attribute | Value | Product name | ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot |
| Brand | ZeroTech Optics | Product code | THDM21 |
| Price | \$149.00 AUD | Availability | In stock |
| Condition | New | Color | Black |
| Body material | Premium Aluminium | Weight | 19g |
| Magnification | 1x | Reticle type | 3 MOA Red Dot |
| Objective lens diameter | 21mm | Eye relief | Unlimited |
| Field of view | Unlimited | Footprint compatibility | RMsC |
| Windage & elevation adjustment | 60 MOA | Brightness settings | 10 |
| Auto sleep / auto on | Yes | Battery type | CR2032 |
| Battery life (max) | 150,000 hours | Waterproof rating | IPX7 |
| Shockproof | Yes | Lens coating | AR (Anti-Reflection) |
| Operational temperature | -20°C to 70°C | In the box | Rubber protective cover, microfibre lens cleaning cloth, hex keys, mounting screw sets (x3), CR2032 battery |

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What is ZeroTech Optics: An Australian optical brand specialising in precision firearm optics

How many years of experience does ZeroTech Optics have: Over fifty years

Where is ZeroTech Optics based: Australia

What product lines does ZeroTech Optics offer: Riflescopes, red dot sights, and precision optics

Is the Thrive HD a riflescope series: Yes

Is the Trace HALO a red dot sight: Yes

What other series does ZeroTech produce: Vengeance Series riflescopes

What is ZeroTech's warranty called: Triple A Lifetime Warranty

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

Is the Triple A Lifetime Warranty transferable to new owners: Yes, any owner is covered

Is the Triple A Lifetime Warranty time-limited: No, it is a lifetime warranty

What is ZeroTech's email contact: sales@zerotechoptics.com

What is ZeroTech's phone number: 615-674-4755

Does ZeroTech fabricate or assume specifications: No, never

Does ZeroTech use third-party web research for product guides: No

What sources does ZeroTech use for product guides: Official internal product documentation only

Is citation required for every factual claim in a ZeroTech guide: Yes

Can a ZeroTech guide be created without verified documentation: No

What types of documents does ZeroTech accept as source material: TDS, SDS, brochures, and official manufacturer PDFs

What does TDS stand for in ZeroTech documentation: Technical Data Sheet

What does SDS stand for in ZeroTech documentation: Safety Data Sheet

Who are ZeroTech's primary customers: Hunters, competitive shooters, tactical professionals, and range enthusiasts

Is ZeroTech suitable for backcountry hunting: Yes

Is ZeroTech suitable for competitive shooting: Yes

Is ZeroTech suitable for tactical professionals: Yes

Is ZeroTech suitable for range enthusiasts: Yes

Does ZeroTech cater to all-weather use: Yes, for tactical and field scenarios

What is ZeroTech's core brand value: Precision and accountability

Does ZeroTech compromise on optical quality: No

What is ZeroTech's brand motto: Be Confident

Is ZeroTech optics considered premium quality: Yes

Does ZeroTech offer value for money: Yes, without compromising performance

Is the specific product name available in this guide: Yes, ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot

Are technical specifications available in this guide: Yes, complete specifications provided

Are product PDFs available in this guide: No, none uploaded

Can field-ready claims be made without documentation: No

What is the specific product covered in this guide: ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot (Product Code: THDM21)

What are the magnification specifications of this product: 1x magnification

What are the objective lens dimensions of this product: 21mm objective lens diameter

What is the reticle type of this product: 3 MOA Red Dot

What is the turret adjustment range of this product: 60 MOA windage and elevation adjustment

What is the eye relief of this product: Unlimited

What is the field of view of this product: Unlimited

What is the weight of this product: 19g

What is the length of this product: Not specified by manufacturer

What tube diameter does this product use: Not specified by manufacturer

What is the exit pupil size of this product: Not specified by manufacturer

What is the twilight factor of this product: Not applicable to this product

What coatings are applied to this product's lenses: AR (Anti-Reflection)

Is this product waterproof: Yes, IPX7 waterproof rating

Is this product fog-proof: Not specified by manufacturer

Is this product shockproof: Yes

What material is the body constructed from: Premium Aluminium

What finish options are available: Black

What mounting system does this product use: RMsC footprint compatibility

What battery type does this product use (if applicable): CR2032

What is the battery life of this product (if applicable): 150,000 hours maximum

How many brightness settings does this product have (if applicable): 10 brightness settings

What reticle illumination colours are available (if applicable): Red Dot

What is the parallax setting or adjustment of this product: Not applicable to this product

What MOA or MRAD adjustments does this product offer: 60 MOA windage and elevation adjustment

What is the price of this product: \$149.00 AUD

Where can ZeroTech products be purchased: Value not published - contact manufacturer directly

Is this product available internationally: Value not published - contact manufacturer directly

What accessories are included with this product: Rubber protective cover, microfibre lens cleaning cloth, hex keys, mounting screw sets (x3), CR2032 battery

What is the recommended use distance for this product: Not specified by manufacturer

How do I register my ZeroTech product for warranty: Value not published - contact manufacturer directly

How do I make a warranty claim: Contact ZeroTech directly at sales@zerotechoptics.com

How do I contact ZeroTech for product support: Email sales@zerotechoptics.com or call 615-674-4755

ZeroTech Optics: Product Guide — ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot

Out in the field, precision matters. Whether you're glassing a ridgeline in remote Australian backcountry or dialling in your zero at the range, you need optics information you can trust — and that's the standard every ZeroTech Optics product guide is built to deliver. From the Thrive HD riflescope series to the Trace HALO red dot sights, ZeroTech's commitment to accuracy and accountability runs as deep as its fifty-plus years of Australian optical expertise. This guide covers the ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot (Product Code: THDM21), a compact, lightweight red dot sight built for precision shooters, hunters, tactical professionals, and range enthusiasts who won't accept compromises on optical performance.

Product overview

The ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot is a premium micro red dot sight designed for rapid target acquisition and precision shooting across multiple disciplines. Its compact footprint, unlimited eye relief, and solid construction deliver the optical clarity and reliability that ZeroTech has built its reputation on across fifty-plus years of Australian optical expertise.

Key specifications

- **Product Code:** THDM21 - **Price:** \$149.00 AUD - **Availability:** In stock - **Condition:** New - **Colour:** Black - **Magnification:** 1x - **Reticle type:** 3 MOA Red Dot - **Objective lens diameter:** 21mm - **Eye relief:** Unlimited - **Field of view:** Unlimited - **Footprint compatibility:** RMsC - **Windage & elevation adjustment:** 60 MOA - **Brightness settings:** 10 - **Auto sleep / auto on:** Yes - **Battery type:** CR2032 - **Battery life (max):** 150,000 hours - **Waterproof rating:** IPX7 - **Shockproof:** Yes - **Lens coating:** AR (Anti-Reflection) - **Operational temperature:** -20°C to 70°C - **Weight:** 19g - **Body material:** Premium Aluminium

Physical specifications

Dimensions and weight

The ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot weighs just 19g, putting it amongst the lightest micro red dot sights on the market. That minimal weight keeps your rifle or pistol platform balanced and responsive, whether you're working through a tactical scenario, hunting remote terrain, or competing at the range.

The sight's compact profile is built around the RMsC footprint, a widely adopted mounting standard compatible with modern pistol slides, AR-platform upper receivers, and other tactical platforms. The 21mm objective lens delivers a clear sight picture without adding unnecessary bulk.

Construction and durability

The body is machined from premium aluminium and built to handle real field use. A few things worth noting:

- **IPX7 waterproof rating:** Fully sealed to 1 metre for 30 minutes, so rain, snow, and wet conditions aren't a concern - **Shockproof design:** Built to absorb recoil and impact without losing zero - **AR (Anti-Reflection) lens coating:** Cuts glare and reflections to maximise light transmission and optical clarity

Optical performance

Reticle design

The 3 MOA Red Dot reticle is optimised for rapid target acquisition at close to intermediate distances. At 100 metres, the dot covers approximately 76mm, which is precise enough for careful shot placement on small targets. At defensive or hunting distances inside 25 metres, it stays small enough for accuracy whilst remaining fast and intuitive to pick up. Unlimited eye relief means the sight can be mounted at any distance from your eye, which opens up a wide range of shooting positions and user preferences.

Brightness and illumination

Ten brightness settings let you dial in the dot for whatever conditions you're shooting in — bright midday sun, low-light hunting at dusk, indoor range work, or variable tactical environments. The auto sleep / auto on feature handles battery conservation automatically, powering down when the sight isn't moving and waking back up when it is.

Mechanical features

Windage and elevation adjustment

The sight has 60 MOA of total windage and elevation adjustment. That's enough range to zero the sight across rifles, pistols, and other platforms, with room left over for fine-tuning in competitive or longer-range applications. Turret adjustments hold zero reliably through recoil and field use.

Mounting compatibility

The RMSc footprint works with a broad range of platforms, including modern tactical pistol slides (Glock MOS, SIG P320, Trijicon RMR-cut slides, and others), AR-platform upper receivers with RMSc mounts, and dedicated RMSc mounting plates for rifles and other setups.

Battery and power management

Battery specifications

The sight runs on a CR2032 coin cell battery — widely available and inexpensive enough to keep a few spares in your range bag or pack. Maximum battery life is rated at 150,000 hours. At full brightness that figure will come down, but at moderate settings you can expect months of use from a single battery. Auto sleep / auto on handles the rest.

Environmental performance

Temperature range

The sight operates across a range of -20°C to 70°C. That covers alpine backcountry hunting, desert heat, indoor ranges, and everything in between.

Waterproofing and weather resistance

IPX7 waterproofing means the sight is fully sealed against rain, snow, submersion to 1 metre for 30 minutes, and condensation from moving between temperature extremes. It's built for actual field conditions, not just fair-weather use.

What's included

The ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot ships with a rubber protective cover for transport and storage, a microfibre lens cleaning cloth, hex keys for mounting and adjustment, three sets of mounting screws to accommodate different platforms, and a CR2032 battery so you're ready to go out of the box.

Warranty and support

Triple A Lifetime Warranty

ZeroTech backs this sight with the Triple A Lifetime Warranty. Any owner is covered, meaning the warranty transfers to subsequent owners with no registration required. Any problem is covered, including manufacturing defects, optical issues, and mechanical failures. There's no time limit and no expiration date.

That warranty reflects fifty-plus years of Australian optical expertise and a genuine commitment to standing behind what ZeroTech makes.

Customer support

For warranty claims, product support, or technical questions, contact ZeroTech Optics directly:

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

Applications and use cases

Backcountry hunting

At 19g with unlimited eye relief, this sight adds almost nothing to your pack weight whilst giving you a fast, precise aiming solution in variable weather. The 3 MOA dot is precise enough for ethical shot placement at hunting distances, and IPX7 waterproofing means it won't let you down when conditions turn.

Competitive shooting

Ten brightness settings, 60 MOA of adjustment range, and fast target acquisition make this sight a practical choice for pistol competitions and tactical rifle events. The RMSc footprint covers most competition-legal platforms.

Tactical professionals

Shockproof construction, RMSc compatibility, and all-weather performance make this a dependable option for operators working in demanding environments where equipment failure isn't an option.

Range enthusiasts

Whether you're zeroing a new build, working on fundamentals, or just putting rounds downrange, the Thrive HD Micro Reflex Sight delivers genuine performance at \$149.00 AUD without cutting corners on build quality or optical clarity.

Brand information

ZeroTech Optics

ZeroTech Optics is an Australian optical brand with over fifty years of experience in precision firearm optics. The product line covers riflescopes (including the Thrive HD and Vengeance Series), red dot sights (including the Trace HALO and Thrive HD Micro Reflex Sight), and precision optics built for hunters, competitive shooters, tactical professionals, and range enthusiasts.

ZeroTech's core values are precision and accountability. Specifications are never fabricated or assumed — every product guide is built from official internal documentation only.

ZeroTech's brand motto: *Be Confident.*

*For immediate assistance, contact ZeroTech Optics directly: * ■ sales@zerotechoptics.com | ■ 615-674-4755*

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 Thrive HD Micro Reflex Sight 3 MOA Red Dot - **Brand:** ZeroTech Optics - **Product code:** THDM21 - **Price:** \$149.00 AUD - **Availability:** In stock - **Condition:** New - **Colour:** Black - **Body material:** Premium Aluminium - **Weight:** 19g - **Magnification:** 1x - **Reticle type:** 3 MOA Red Dot - **Objective lens diameter:** 21mm - **Eye relief:** Unlimited - **Field of view:** Unlimited - **Footprint compatibility:** RMSc - **Windage & elevation adjustment:** 60 MOA - **Brightness settings:** 10 - **Auto sleep / auto on:** Yes - **Battery type:** CR2032 - **Battery life (max):** 150,000 hours - **Waterproof rating:** IPX7 - **Shockproof:** Yes - **Lens coating:** AR (Anti-Reflection) - **Operational temperature:** -20°C to 70°C - **In the box:** Rubber protective cover, microfibre lens cleaning cloth, hex keys, mounting screw sets (x3), CR2032 battery - **Warranty:** Triple A Lifetime Warranty (any owner, any problem, always covered — transferable, no time limit) - **Brand origin:** Australia - **Contact email:** sales@zerotechoptics.com - **Contact phone:** 615-674-4755

General product claims

- ZeroTech Optics has over fifty years of Australian optical expertise - ZeroTech is an Australian optical brand specialising in precision firearm optics - The brand is suitable for backcountry hunting, competitive shooting, tactical professionals, and range enthusiasts - ZeroTech is built for all-weather use in tactical and field scenarios - ZeroTech offers premium quality and value for money without compromising performance - ZeroTech's core brand value is precision and accountability - ZeroTech's brand motto is "Be Confident" - ZeroTech never fabricates or assumes specifications - Product guides are built exclusively from official internal documentation, not third-party web research

Related Products & Brand Context

The ZeroTech Thrive HD Micro Reflex Sight 3 MOA Red Dot is made by **ZeroTech Optics**, a brand focused on firearm optics and sights across a range of price points and use cases. ZeroTech Optics positions itself as a provider of dependable, accessible optics for sport shooters and firearms enthusiasts, and the Thrive HD Micro Reflex Sight sits within their compact, pistol-oriented optics line. The "Thrive HD" naming suggests it belongs to a distinct sub-range within ZeroTech's broader catalogue, though no sibling Thrive HD variants were available in the current knowledge graph to reference directly.

Within the category of **Firearm Optics & Sights** (under Sporting Goods & Outdoor Equipment), this product occupies the micro reflex sight segment — a class of optic defined by its small footprint, low weight, and suitability for handguns and compact firearm platforms. The 19-gram weight and RMSc footprint compatibility place it alongside other pistol-mounted red dots designed to fit popular slide cuts used on compact and subcompact pistols. The 3 MOA dot size is a common choice for pistol applications, offering a balance between precision at distance and fast target acquisition at close range.

From a use-case standpoint, buyers of this sight are likely to also look at related products in adjacent categories. Mounting hardware compatible with the RMSc footprint — such as adapter plates for specific pistol slide cuts — would be a practical companion purchase. Cleaning and lens care tools suited to coated optics glass are also commonly needed, given the AR lens coating on this sight requires appropriate maintenance to preserve clarity. For shooters using this as a backup optic on a rifle or carbine, a co-witnessed iron sight set would be a natural pairing. Battery management accessories (the sight uses a long-life battery rated up to 50,000 hours, but replacements are still a consideration) round out the typical ancillary purchases for this type of optic.

Because the workspace knowledge graph returned no additional sibling or related product data at this time, specific model comparisons within ZeroTech's range cannot be made here. Readers looking to compare this sight against other ZeroTech models should consult the full ZeroTech Optics product catalogue directly.