



SKU	Designation	French Law	Length (cm)	Width (cm)	Height (cm)	Weight (g)	Magnification Min	Magnification Max	MSRP
OI3010	Rico RH50 Infray Thermal Telescope	Vente libre	25	58	61	840	3x	12x	5490.00 € incl. tax 3843.00 € incl. tax

The Rico RH50 from InfiRay is a high-end thermal imaging riflescope with a 640 x 480 thermal imaging sensor, built-in AMOELD display, rugged housing with over 6000 joules of recoil resistance, video recorder with 32 GB of memory, WiFi, removable 6- hour battery and USB port.

Presentation of the Rico series

The Rico series is a multifunctional and highly expandable infrared thermal imaging product. The product features a changeable laser range finder, removable battery, eyepiece magnification up to 16 times, and full software interface update.

High image quality

The Rico series is equipped with an independently developed, high-performance VOx infrared detector that gives you vivid and highly detailed thermal images. It's easier to search for targets in the dark with surprisingly sharp image quality.

AMOLED micro-screen

The high-contrast, HD-resolution AMOLED micro-display delivers a sharp image and vivid colors. The screen has excellent image quality and offers impeccable performance, even at subzero temperatures.

Ultra clear mode

The built-in ultra clear mode is specially designed for harsh weather conditions, such as fog and rain. It will be more sensitive and show more details.

User-friendly interface

The Rico series is designed to be simple and easy to use. The vivid icon design provides a visual guide and the translucent background of the menu display allows the user to observe the target without being distracted.

Picture-in-Picture

The picture-in-picture feature improves accuracy by providing a 2x magnified image of the crosshair area at the top of the screen. It allows you to enlarge the target while maintaining visibility of the entire field of vision.

High impact resistance

The Rico series is characterized by exceptionally high impact resistance, up to 1000 G.

Expandable laser ranging function

The Rico series offers laser ranging capabilities, which can accurately capture and display the target distance with an accuracy of $\pm 1\text{m}$ and a maximum distance of 1000m. The built-in precision laser rangefinder provides precise ranging in two modes - single measurement and scanning mode with an accuracy of $\pm 1\text{m}$ up to a distance of 1km. Scan mode allows the shooter to quickly adapt to changes in distance for better shot placement.

Long detection range up to 2600 m

The powerful lens combined with the professional-grade thermal imaging sensor with NETD $\approx 40\text{ mK}$ provides exceptional detection capabilities. A standard 1.8m tall object can be detected at a distance of 2600m in complete darkness.

Replaceable battery

The Rico series is equipped with a large capacity 3.7V, 4400mAh battery, which works for 6 hours. With the ability to maintain continuous power at all times outdoors, it provides an ideal battery solution. Batteries can be quickly removed and replaced with new ones in seconds.

Video recording

The Rico series allows video recording and image capture during observation. Video and photo can be easily transmitted via wired or WiFi connection. The built-in video recorder is a great asset when it comes to filming or taking photos of unique experiences. A simple press of the REC button captures footage that can be easily shared with colleagues, friends and family. The 32 GB internal memory allows you to record many hours of video and take tons of photos.

Integrated accelerometer and digital compass

The built-in accelerometer and digital compass improve accuracy by precisely identifying inclinations and angles. It can indicate the direction and degree of lateral tilt.

Features :

- Detector resolution: 640 x 512 px
- Pixel size: 12 μm
- NETD (Noise Equivalent Thermal Difference): $\approx 40\text{ mK}$
- Frame rate: 50 Hz
- Eye relief: 55 mm
- Exit pupil diameter: 6 mm
- Magnification: 3-12x
- Lens: F50 / 1.1
- Display resolution: 1024 x 768 AMOLED
- Screen size: 0.39" or approximately 1 cm.
- Laser rangefinder: optional
- Power supply: 3.7 V / 4400 mAh batteries (rechargeable)
- Maximum battery life: 6 hours
- Protection index: IP67
- Quantity of integrated memory: 32 Gb
- Weight (without batteries): 840 g
- Dimensions: 250 x 61 x 58 mm
- Detection range: 2594 m

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