



SKU	Designation	French Law	Length (cm)	Width (cm)	Height (cm)	Weight (g)	MSRP
OR2402201	LRF 850	Vente libre	16	14.6	6.5	809.5	1100.00 € incl. tax

Thermal detection and 4K identification combined in a single pair of binoculars.

The **PARD Osprey 4K** binoculars are **multispectral binoculars** combining thermal imaging, 4K digital night vision, and an integrated laser rangefinder. Thanks to their dual viewing channels, they allow for the rapid detection of a heat source and its precise identification via the high-definition 4K sensor. Compact and ergonomic, they offer a complete solution for observation day and night.

- **Dual technology** : thermal + 4K digital night vision
- **VOx thermal sensor** 256x192 pixels - 12 µm
- **NETD** : ? 15 mK
- **4K visible sensor** 3840x2160 pixels
- **Optical image stabilization (OIS)** on the night vision channel
- **Thermal detection range** : up to 1200 m
- **Integrated laser rangefinder** up to 1000 m
- **Dual OLED screens** 1920x1080
- **Removable IR illuminator** 850 or 940 nm
- **IR range** : up to 350 m
- **Hot Track** for automatic hot spot tracking
- **Built-in WiFi** compatible with PardVision2
- **Full HD photos and videos**
- **21700 rechargeable battery**
- **Protection rating** : IP67
- **Weight** : 809.5 g

The **Osprey 4K PARDs** redefine multispectral observation by combining a high-sensitivity thermal sensor, stabilized 4K night vision, and a long-range laser rangefinder in a single compact device. Their design allows for instantaneous and remarkably smooth transitions from detection to

identification.

Fast and efficient thermal detection

The VOx 256x192 pixel thermal sensor, combined with exceptional thermal sensitivity of ≈ 15 mK, enables rapid detection of temperature variations, even in low thermal contrasts. Fog, rain, or dense vegetation: details remain visible and usable.

Precise identification thanks to the 4K sensor

Once the target is detected via the thermal channel, the 3840x2160 pixel 4K visible sensor takes over to provide a highly detailed image. This synergy between the two technologies significantly enhances remote observation and identification capabilities.

OIS-stabilized night vision

The night vision channel features **optical image stabilization (OIS)**. This technology reduces unwanted movement and improves image sharpness during handheld observation or while moving. In use, the visual comfort is immediately noticeable.

Dual immersive OLED screens

The two 1920x1080 Full HD OLED screens offer smooth and detailed image reproduction. Combined with the 55-74 mm interpupillary distance adjustment, they guarantee a natural and comfortable viewing experience for every user.

Integrated laser rangefinder up to 1000 meters

The onboard laser rangefinder provides fast and accurate measurements up to 1000 meters. This information proves particularly useful during long-distance observations and allows for rapid assessment of situations encountered in the field.

Removable infrared illuminator 850 or 940 nm

850 nm version

The 850 nm prioritizes light output and maximum range to achieve the best night vision performance.

940 nm version

The 940 nm promotes increased discretion thanks to a virtually imperceptible light emission while maintaining an effective range of up to 350 meters.

Designed for mobile observation

Weighing only 809.5 grams, the Osprey 4K remains easy to carry throughout the day. Its thoughtful ergonomics, intuitive controls, and compact size make it a particularly pleasant companion to use in the field.

Built-in advanced features

Hot Track, Picture-in-Picture, electronic compass, gyroscope, WiFi, photo and video recording, and fast sleep mode complete equipment designed to offer maximum efficiency in all situations.

FAQ

What is the advantage of multispectral binoculars?

Multispectral binoculars combine several observation technologies. The thermal channel allows for rapid detection, while the 4K channel facilitates detailed target identification.

What is the range of the integrated rangefinder?

The Osprey 4K's integrated laser rangefinder allows measurements up to 1000 meters depending on usage conditions.

What thermal detection distance is possible?

The thermal sensor can detect a heat source up to approximately 1200 meters away under favorable conditions.

What is the difference between the 850 nm and 940 nm illuminators?

The 850 nm offers greater range and lighting power, while the 940 nm prioritizes discretion thanks to an almost invisible light emission.

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