PARD TA32 LRF 384 - 35mm Thermal Monocular

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SKU	Designation	French Law	Length (cm)	Width (cm)	Height (cm)	Weight (g)	MSRP
OR1303301	TA32 Ø35 mm LRF	Vente libre	17.7	4.9	7.3	393	1 340.00 € incl. tax

Compact thermal monocular with integrated laser rangefinder up to 1000 meters.

The **PARD TA32 LRF 384** is a **compact thermal monocular** designed for long-range observation and detection. Featuring a high-sensitivity 384x288 thermal sensor, an integrated laser rangefinder with a range of up to 1000 meters, and advanced IREA image processing, it offers excellent readability even in challenging weather conditions.

- **Thermal sensor** 384x288 pixels - 12 µm
- **NETD** : ? 20 mK
- **Integrated laser rangefinder** up to 1000 m
- **Detection range** : up to 1800 m
- **Lens** : 35 mm
- **Optical magnification** : 3.7x
- **Digital zoom** : 2x to 8x
- 1024x768 **AMOLED screen**
- **PARD IREA image enhancement algorithm**
- **Display modes** White Hot, Black Hot, Red Hot, Fusion
- **Photo and video** recording to SD card
- **Built-in WiFi** compatible with PardVision
- **18650 rechargeable and interchangeable battery**
- **Protection rating** : IP67
- **Dimensions** : 173 x 73 x 49 mm
- **Weight** : 393 g with battery

The **PARD TA32 LRF 384** combines high-sensitivity thermal imaging, laser rangefinding, and an ultra-compact design. Designed to accompany the user in the field, it enables precise detection, localization, and observation in total darkness, fog, rain, or low-thermal-contrast environments.

High sensitivity 384x288 thermal sensor

Equipped with a 12 µm thermal sensor displaying a NETD of 20 mK or less, the TA32 LRF detects even the most subtle temperature variations. This high sensitivity significantly improves detail perception in challenging weather conditions. In practice, the sharpness of the edges and the richness of the information displayed on the screen are immediately noticeable.

Long-range detection up to 1800 meters

Thanks to its 35mm lens and high-performance sensor, the monocular can detect a heat source up to 1800 meters away. This capability allows for the efficient monitoring of large areas while maintaining a particularly compact design.

Integrated laser rangefinder up to 1000 meters

The integrated LRF module provides fast and accurate measurements up to 1000 meters. Distance information appears instantly, facilitating terrain assessment and the identification of long-range points of interest.

PARD IREA Image Enhancement Algorithm

PARD's **IREA** technology optimizes thermal rendering in real time. It corrects distortions, reduces digital noise, and enhances contrast to produce a more natural and detailed image. It's exactly the kind of electronic assistance that goes unnoticed while significantly improving the viewing experience.

Compact, lightweight and easy to carry

At just 173 mm long and weighing 393 grams with the battery, the TA32 LRF fits easily into a pocket or bag. Its carefully designed ergonomics ensure a comfortable grip and extended use without excessive fatigue.

Integrated connectivity and recording

Photos and videos

The monocular allows photos and videos to be recorded directly onto an SD card in order to preserve important observations and share them later.

WiFi and PardVision app

The built-in WiFi allows the device to be connected to a smartphone via the PardVision app to view live images or quickly transfer recorded files.

Designed for demanding conditions

Its IP67 certification ensures excellent resistance to dust and moisture. Combined with an operating range of -20°C to +50°C, the TA32 LRF remains operational in a wide range of field conditions.

FAQ

What is the range of the integrated laser rangefinder?

The PARD TA32 LRF laser rangefinder allows you to measure distances up to 1000 meters depending on the conditions of use.

What is the detection range offered by the TA32 LRF?

The TA32 LRF thermal monocular can detect a heat source up to approximately 1800 meters away thanks to its thermal sensor and 35mm objective lens.

What thermal display modes are available?

The device offers several thermal palettes including White Hot, Black Hot, Red Hot, Fusion 1, Fusion 2, Iron Red 1 and Iron Red 2 in order to adapt the display to the viewing conditions.

Can the TA32 LRF record photos and videos?

Yes. The monocular allows recording JPG photos and MP4 videos onto SD cards up to 128GB.

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