PARD IR1 850/940 nm Infrared Illuminator

https://simac.fr/en/produit-4801-PARD-IR1-850-940-nm-Infrared-Illuminator





SKU	Designation	French Law	MSRP
OR5L18500	850 nm	Vente libre	80.00 € incl. tax
OR5L19400	940 nm	Vente libre	80.00 € incl. tax

Optimize the performance of your NV007SP2 4K day and night.

The **PARD IR1 infrared illuminator** , available in **850 nm** and **940 nm** , perfectly complements the **PARD NV007SP2 4K night vision module** . Its adjustable beam, **three power levels** , and range of up to **350 m** provide high-performance IR illumination suitable for any observation situation. Compact, robust, and screwed directly onto the module, it significantly improves image quality while maintaining excellent battery life.

- **Compatibility:** PARD NV007SP2 4K
- **Available versions:** 850 nm or 940 nm
- **Maximum range:** up to 350 m
- **Beam adjustment:** variable zoom
- **Power levels:** 3
- **Mounting:** direct screwing onto the module
- **Construction:** compact and robust

Two versions to meet every need

The **PARD IR1 infrared illuminator** is available in two wavelengths to meet different **digital night vision** applications. The **850 nm** version prioritizes illumination power and offers excellent range. The more discreet **940 nm** version significantly reduces the residual visibility of the infrared LED while maintaining excellent performance in the field. In both cases, the objective remains the same: to fully utilize the capabilities of the **PARD NV007SP2 4K** .

A beam that can be adjusted according to the situation

The integrated zoom allows for precise adjustment of the beam width. In the wide position, the illumination covers a broad area for short- and medium-range observations. In the focused beam position, it maximizes the range to approximately **350 meters** , making it easier to identify distant

details. This is exactly the kind of adjustment you'll appreciate when switching between a panoramic view and a more precise point of reference.

Optimized image quality

Designed specifically for the **NV007SP2 4K** , this illuminator enhances image contrast and definition in total darkness. **Three power levels** allow you to adjust the light intensity according to the viewing distance and ambient conditions, while minimizing energy consumption.

Designed for the terrain

Compact and robust, the IR1 is easy to install by screwing directly onto the compatible night vision module. Its use remains intuitive, even with gloves. Its small size preserves the balance of the optical system, a detail quickly noticed during long observation or stakeout sessions.

850 nm or 940 nm: what's the difference?

The **850 nm** version is generally preferred when maximum illumination is the priority. The **940 nm** version, on the other hand, offers a much more discreet light signature to the human eye while remaining particularly effective with compatible digital night vision devices. The choice therefore depends primarily on the desired level of discretion.

FAQ

Which version should I choose between 850 nm and 940 nm?

The 850 nm version prioritizes lighting power while the 940 nm version offers more discreet use thanks to a less visible infrared emission.

Which devices is this illuminator compatible with?

This model was designed to be used with the PARD NV007SP2 4K digital night vision module, onto which it attaches directly by screwing.

What is the maximum range of the lighting?

Depending on the conditions of use and the version chosen, the lighting range can reach up to 350 meters with a concentrated beam.

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