

Pard NV008SP2-850/70/F

PARD NV008SP2-LRF Night Vision Scope User Manual

Model: NV008SP2-850/70/F

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation, setup, and maintenance of your PARD NV008SP2-LRF Night Vision Scope. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

PRODUCT OVERVIEW

Components

The PARD NV008SP2-LRF Night Vision Scope is a compact and versatile device designed for hunting and observation in various light conditions. It integrates advanced night vision capabilities with a precise laser rangefinder and ballistic calculator.



Image: The PARD NV008SP2-LRF Night Vision Scope, showcasing its compact design and integrated components.

Key Functions and Controls

Familiarize yourself with the main controls and their functions:

Key Function

OK / Recording / LRF/Ballistic Calculation button

IR/ Mode switch / (-) button

Zoom (+) / Play button

Menu / Red dot button

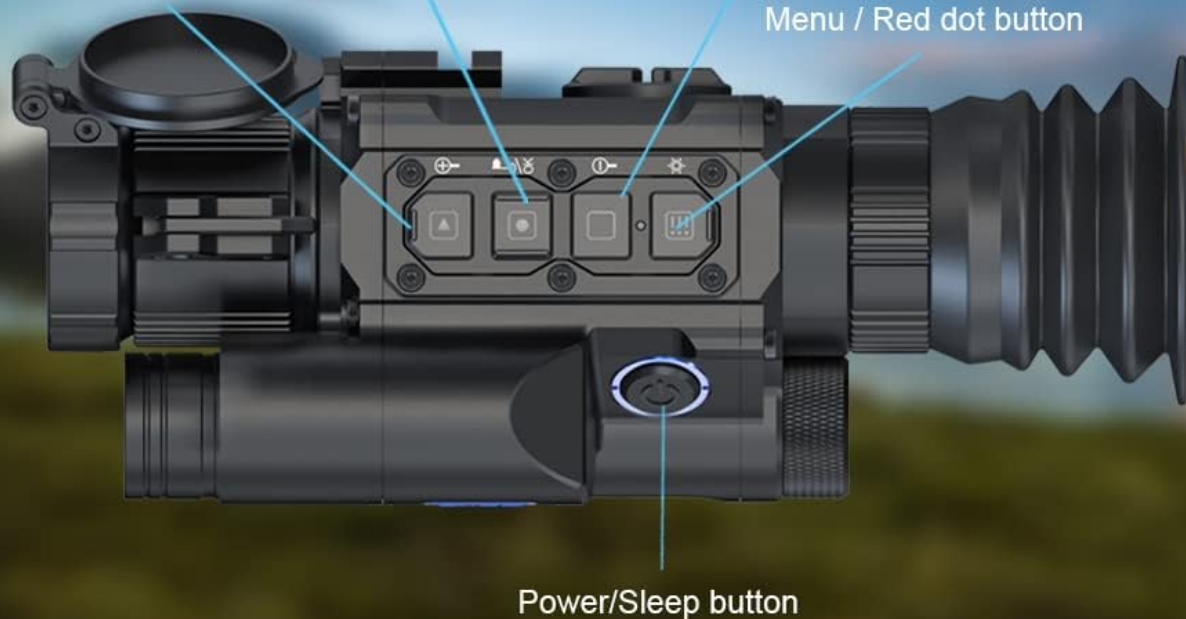


Image: Diagram illustrating the key function buttons on the PARD NV008SP2-LRF scope, including OK/Recording/LRF/Ballistic Calculation, Zoom (+)/Play, IR/Mode switch (-), Menu/Red dot, and Power/Sleep buttons.

- **OK / Recording / LRF / Ballistic Calculation button:** Confirms selections, starts/stops video recording, activates the laser rangefinder, and initiates ballistic calculations.
- **Zoom (+) / Play button:** Increases magnification and plays recorded videos.
- **IR / Mode switch (-) button:** Adjusts IR illuminator levels and switches between day/night modes.
- **Menu / Red dot button:** Accesses the main menu and toggles the red dot reticle.
- **Power / Sleep button:** Turns the device on/off and activates sleep mode.

SETUP

Battery Installation

The device uses a single battery for both the scope and IR illuminator. Ensure the battery is inserted with correct polarity.

Mounting the Scope

The PARD NV008SP2-LRF is designed for Weaver Mount systems. Securely attach the scope to your rifle's rail, ensuring proper eye relief and alignment.

Initial Power On and Focus Adjustment

Press and hold the Power/Sleep button to turn on the device. Adjust the objective lens focus ring and the diopter adjustment for a clear image. Note that refocusing may be required when switching between day and night modes.

OPERATING INSTRUCTIONS

Day and Night Mode Operation

Switch between day (color) and night (monochrome) modes using the IR/Mode switch button. The device features a Visible Light Enhancement Algorithm (VLEA) for improved image clarity in various conditions.

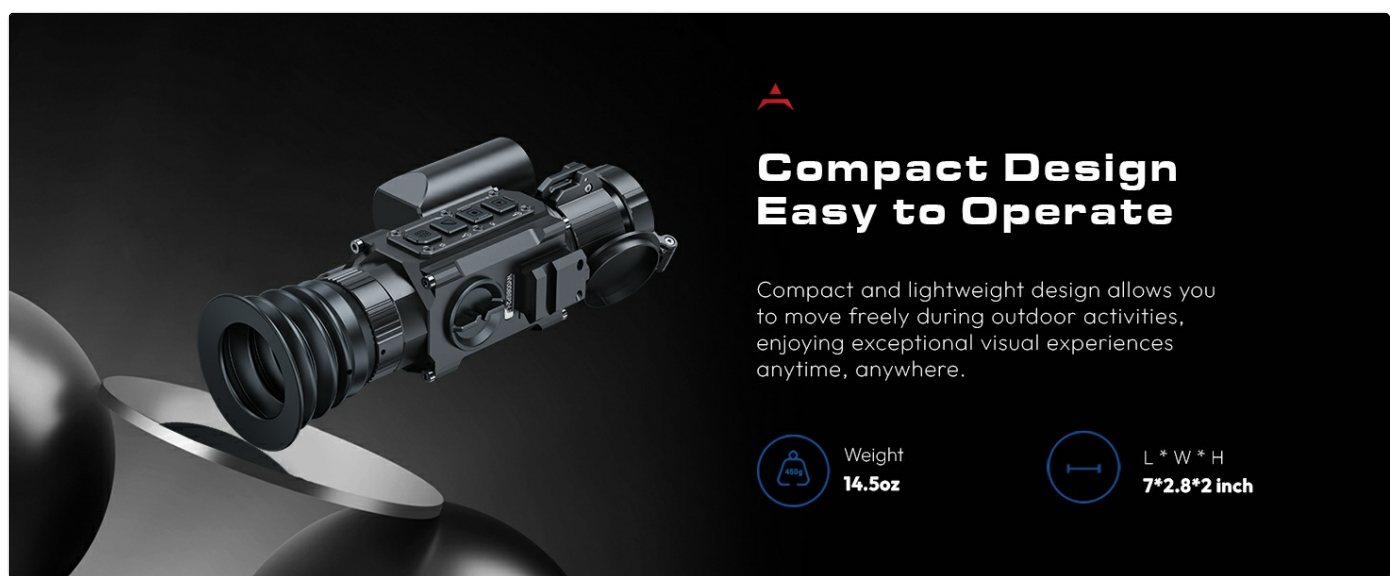


Image: Comparison of day and night vision modes through the PARD NV008SP2-LRF scope, demonstrating its versatility.

IR Illuminator Usage

The integrated 850nm IR illuminator provides clear visibility up to 350m in darkness. Adjust the three levels of IR fill light using the IR/Mode switch button. The 850nm IR is optimal for longer distances and detailed observation.

Clear visibility up to 350m distance in the dark



IR OFF



IR2 ON



Three Levels IR fill light



850/940nm for option



350M Illumination distance

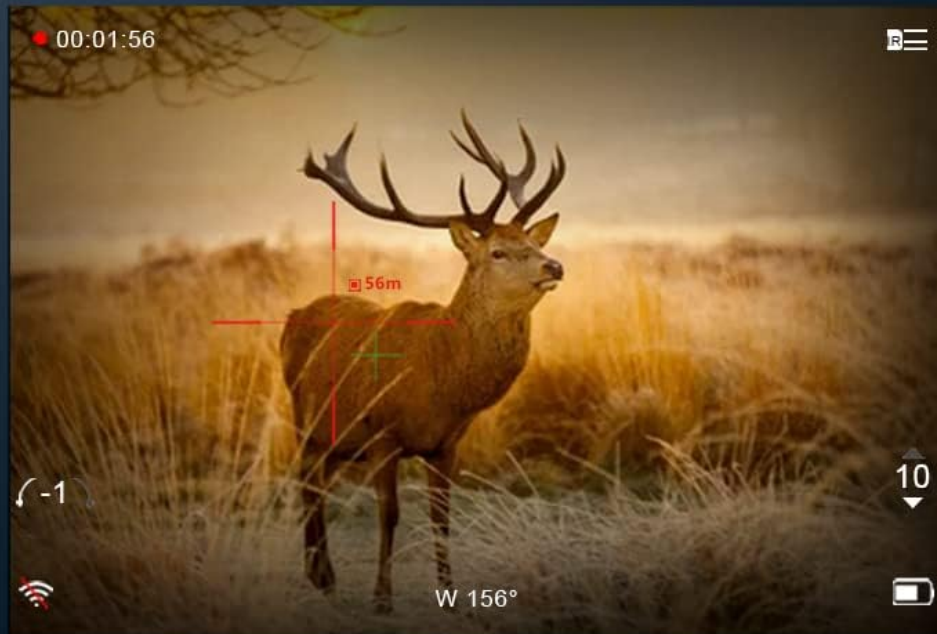
Image: Visual representation of the PARD NV008SP2-LRF's IR illuminator performance, showing clear visibility up to 350m in the dark with IR ON compared to IR OFF.

Rangefinder and Ballistic Calculator

The 1000m long-distance rangefinder allows for quick distance estimation. Utilize the ballistic calculator to account for range, angle, temperature, and humidity, setting up multiple profiles for precise shot placement.



Accurate Calculation

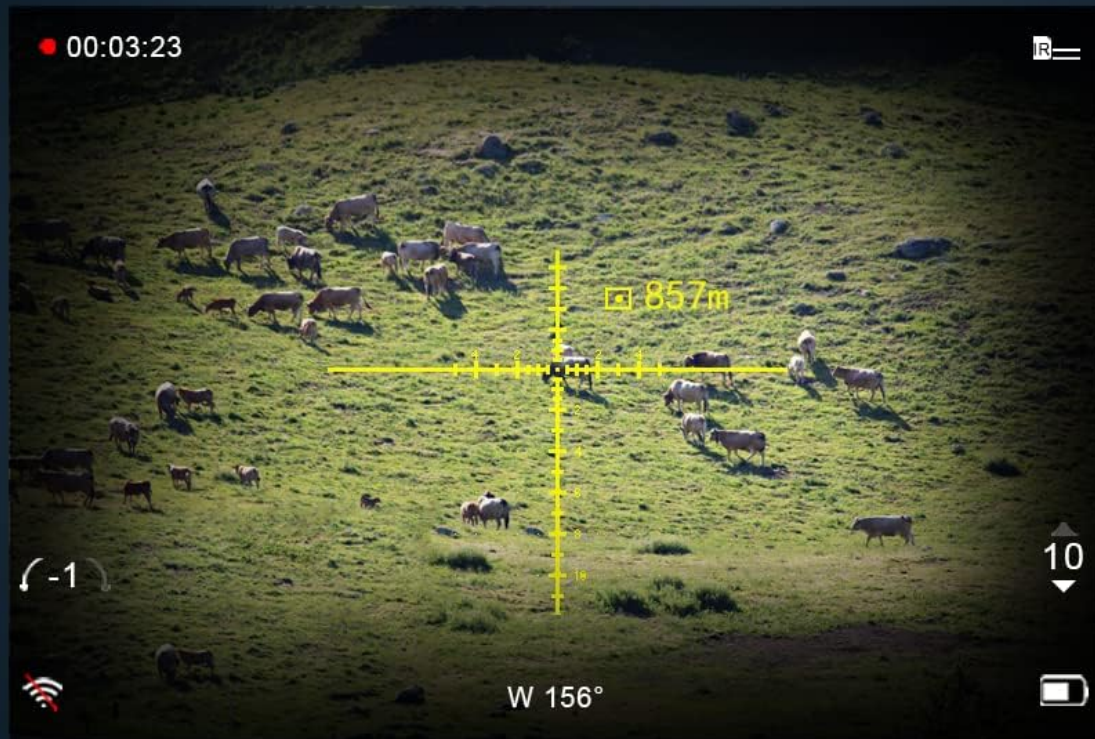


**Every trajectory calculated algorithmically,
offer a preciser experience.**

Image: Screen view from the PARD NV008SP2-LRF scope demonstrating the ballistic calculation feature, showing target distance and environmental factors.

1200M Long Distance Rangefinder

Smaller Size. Stronger Capability



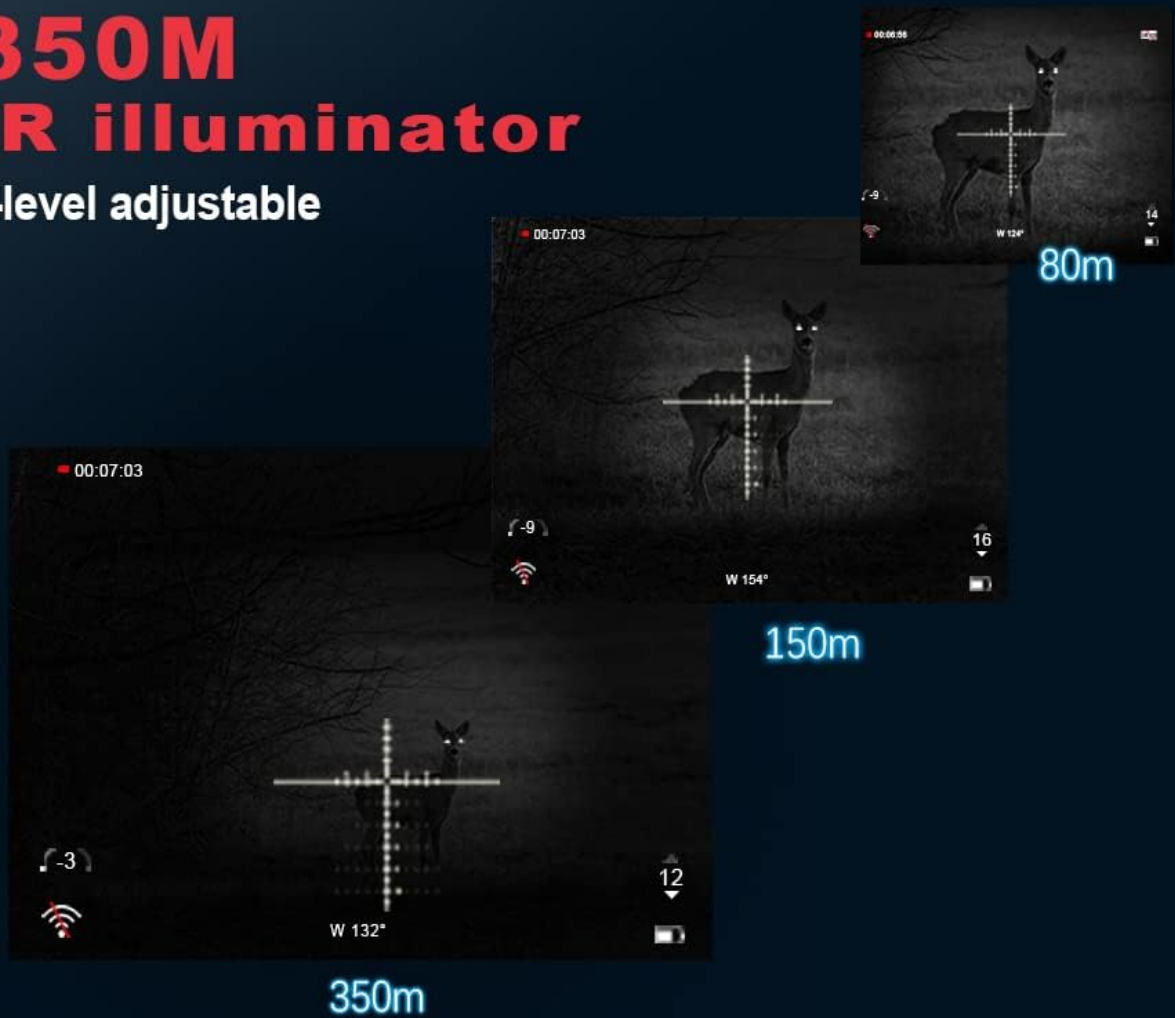
New ranging module with 70% smaller size located at the left side avoids the collision problem when reloading bolt actions and brings comfortable grip and holding.

Image: Screen view from the PARD NV008SP2-LRF scope illustrating the 1200M long-distance rangefinder in action, displaying the measured distance to multiple targets.

Video Recording and Wi-Fi Connectivity

The device supports Recoil Activated Video (RAV), automatically storing recordings to the SD card upon sensing recoil. Wireless firmware updates are available via TF card. Connect via Wi-Fi for wireless transmission and viewing on compatible devices.

Stretchable
350M
IR illuminator
3-level adjustable



850nm provides long detective range with high sensitivity
940nm evades recognition of animal with invisible light

Image: Depiction of the Recoil Activated Video (RAV) feature of the PARD NV008SP2-LRF, showing automatic recording upon recoil.

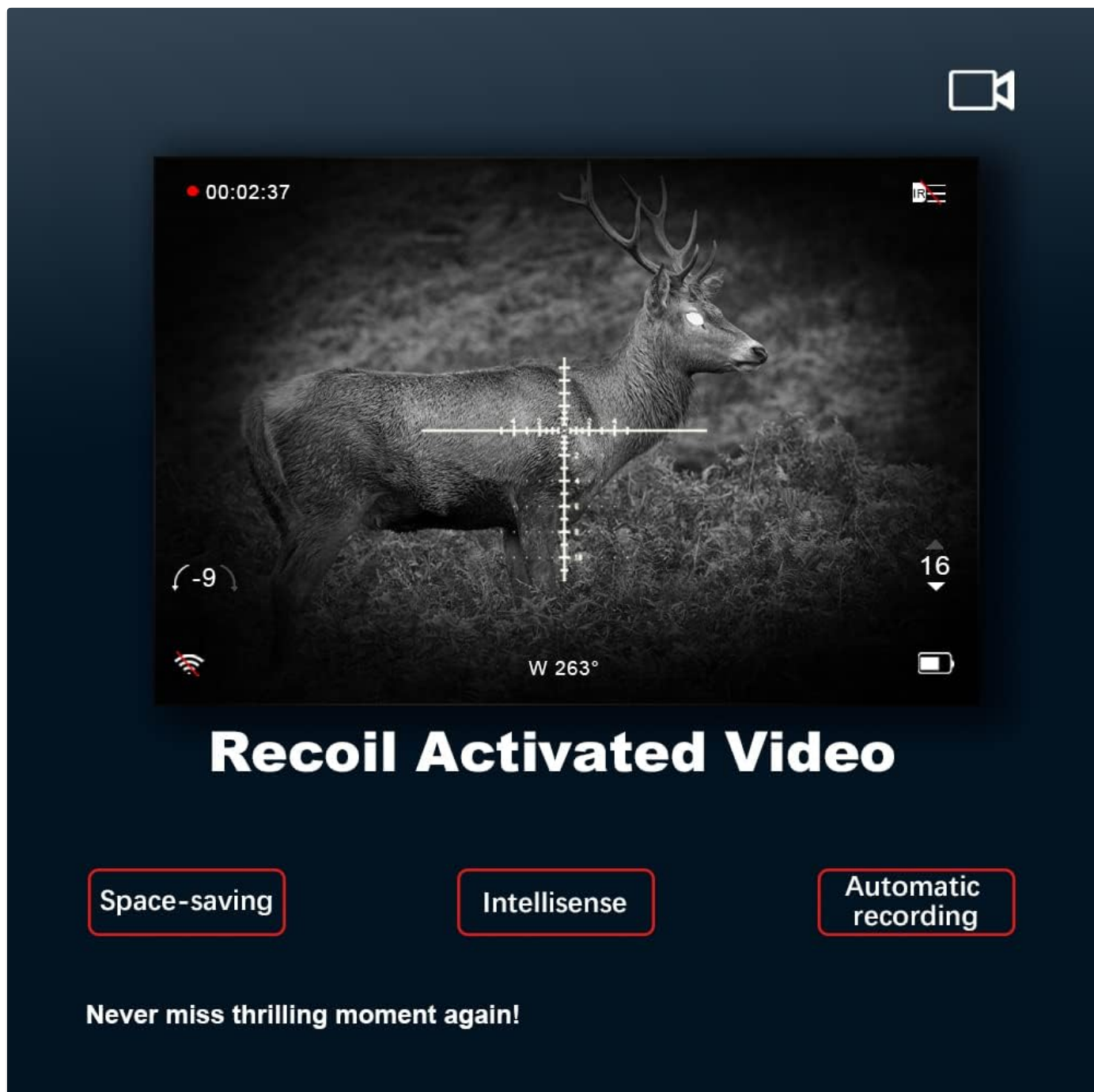


Image: Illustration of the PARD NV008SP2-LRF's Wi-Fi connectivity, allowing wireless transmission to a tablet or smartphone.

MAINTENANCE

Cleaning

Use a soft, lint-free cloth to clean the lenses and exterior surfaces. Avoid abrasive materials or harsh chemicals. The foldable front lens cap protects the objective lens from dust and scratches when not in use.

Storage

Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.

Water Resistance

The device is IP67 water-resistant, offering strong protection in severe environments and enduring rigorous conditions. However, avoid prolonged submersion.

Enjoy wireless transmission via **WiFi** connection



Image: The PARD NV008SP2-LRF scope being splashed with water, illustrating its IP67 water-resistant rating for durability in challenging environments.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or dead battery; incorrect battery insertion.	Charge or replace battery; ensure correct polarity.
Image is blurry.	Improper focus adjustment; dirty lens.	Adjust objective lens and diopter; clean lenses.
IR illuminator not working.	IR setting off; low battery.	Check IR settings in menu; charge battery.
Wi-Fi connection issues.	Incorrect Wi-Fi settings; interference.	Verify Wi-Fi settings; ensure device is within range.

SPECIFICATIONS

Feature	Detail
Model Name	NV008SP2-850/70/F
Style	NV008SP2LRF-850nm
Objective Lens Diameter	70 mm
Magnification Minimum	4.5x
IR Illuminator Wavelength	850nm
IR Illuminator Range	Up to 350m
Rangefinder Distance	Up to 1000m
Sensor Resolution	2688 * 1520
Material	Aluminum
Item Weight	445 Grams
Product Dimensions (L x W x H)	6.88" x 2.75" x 2.16"
Mounting Type	Weaver Mount
Water Resistance	IP67

WARRANTY AND SUPPORT

The PARD NV008SP2-LRF Night Vision Scope comes with a**2-year warranty** from the manufacturer. For technical support, service, or warranty claims, please contact PARD customer service directly. Refer to the official PARD website or your purchase documentation for contact details.

For additional information and resources, visit the official[PARD Store on Amazon](#).

