

Pard Night Stalker Mini

Pard USA Night Stalker Mini Digital Night Vision Scope Instruction Manual

Model: Night Stalker Mini

1. INTRODUCTION

The Pard USA Night Stalker Mini Digital Night Vision Scope is an advanced optical device designed for enhanced visibility in low-light and nighttime conditions. Featuring a 35mm objective lens, 3x optical magnification, and 2x digital zoom, it provides clear imaging through its 2560x1440 CMOS sensor with 0.001 lux sensitivity. The device includes a 800x800 circular IPS display with 100mm eye relief for comfortable viewing and offers various advanced features for optimal performance.

2. WHAT'S IN THE BOX

Upon unboxing your Night Stalker Mini, verify that all components are present:

- Pard Night Stalker Mini Digital Night Vision Scope
- Picatinny Rail Mount
- USB-C Cable
- Two 18650 Flat Top Rechargeable Batteries (3200mAh)
- Torx Key and additional screws
- Cleaning Cloth
- User Manual (brief literature)

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Video Description: An overview of the Pard Night Stalker Mini, including unboxing contents, physical features, and basic operation. This video demonstrates the scope's compact size, button layout, battery compartment, and accessories like the USB-C cable and Picatinny mount. It also briefly touches on the IR illuminator and digital magnification capabilities.

3. SETUP

3.1 Battery Installation

To install the 18650 battery:

1. Unscrew the battery cover located at the rear of the unit.
2. Insert the 18650 battery with the positive (+) end first.
3. Securely screw the battery cover back into place.

Note: The threads for the battery compartment are precisely cut, ensuring a smooth fit. However, the compartment is not O-ring sealed, so exercise caution in wet conditions.

3.2 Mounting to a Picatinny Rail

The Night Stalker Mini is designed for Picatinny rail mounting and includes the necessary adapter.

1. Install the included mount to the bottom of the Night Vision optic using the provided screws.
2. Place the unit onto your firearm's Picatinny rail.
3. Tighten the mount to 25 lb/in for secure attachment.



Image Description: A man aiming a rifle equipped with the Pard Night Stalker Mini digital night vision scope. The scope is mounted on a Picatinny rail, demonstrating its intended use as a weapon-mounted optic. The image highlights the compact and ergonomic design of the

scope in a field setting.

3.3 Getting a Sharp Image

To achieve the sharpest possible image:

1. Adjust the **focus ring** (located in the middle of the unit) to bring the target into clear view.
2. Adjust the **diopter adjustment handwheel** (at the eyepiece) to fine-tune the image clarity for your individual eyesight.
3. Once adjusted, tighten the **locking ring** on the diopter to secure the setting.



Image Description: A detailed diagram of the Pard Night Stalker Mini digital night vision scope, highlighting its key components. Labels point to the 35mm objective lens, quick function buttons, menu/adjustment dial, lithium-ion 18650 battery compartments, power button, innovative side focus, and the optional IR light module. This image serves as a visual guide for identifying the various parts of the device.

4. OPERATING INSTRUCTIONS

4.1 Controls Overview

The Night Stalker Mini features an intuitive control panel for easy operation:

- **Power Button:** Press and hold for 1.5 seconds to turn the unit on/off.
- **Menu/Adjustment Dial:** Accesses the main menu for settings adjustments.
- **Quick Function Buttons:** Provides quick access to frequently used features.
- **IR Illuminator Button:** Toggles the infrared illuminator on/off and adjusts brightness levels (short press for on/off, long press to cycle brightness).
- **Video Recording Button:** Initiates and stops video recording.
- **Still Shot Button:** Captures a single image.
- **OK/Enter Button:** Confirms selections within the menu.
- **Up/Down/Left/Right Arrows:** Navigates menu options and adjusts settings.

4.2 IR Illuminator

The integrated 5-watt IR illuminator provides visibility up to 300 meters. Use the dedicated IR button to activate and adjust its intensity. For optimal performance in extreme darkness or at longer ranges, an auxiliary IR illuminator (such as the TL3U IR light module, sold separately) can be added.

4.3 Digital Magnification

The device offers 2x digital magnification in addition to its 3x optical magnification. Use the Up/Down arrow buttons to adjust the digital zoom level. Be aware that increasing digital magnification may reduce image crispness.

4.4 Reticle Adjustment

The Night Stalker Mini supports multiple reticle styles and colors. To change the reticle:

1. Press the **Crosshair button** to activate the reticle display.
2. Use the Up/Down arrows to cycle through the available reticle designs.
3. Press the **OK button** to confirm your selection.

6 RETICLE STYLES

4 IMAGE MODES

4 RETICLE COLORS

3 SCENE MODES



COLOR MODE



MONO MODE

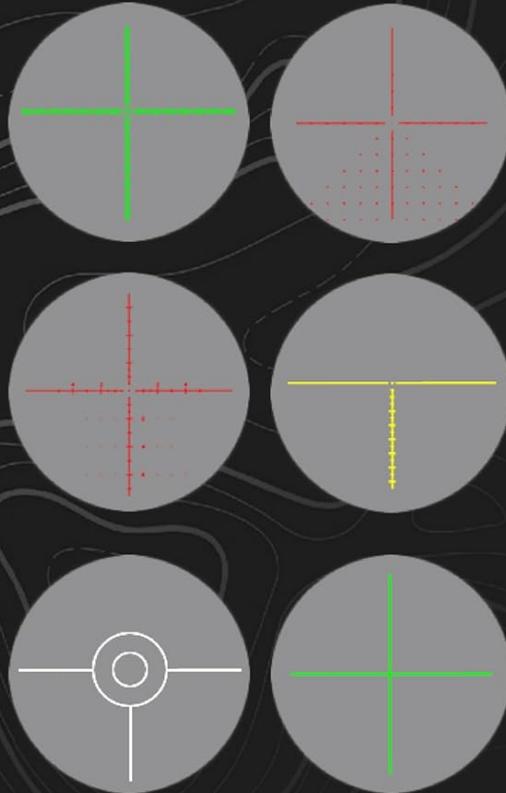


Image Description: A visual representation of the various display options available on the Night Stalker Mini. It illustrates six different reticle styles, four image modes (including color and mono), four reticle colors, and three scene modes, providing users with customization for different viewing conditions.

4.5 Zeroing the Optic

To zero your Night Stalker Mini:

1. Mount the optic securely on your firearm.
2. Take a shot at your desired zeroing distance (100 yards recommended).
3. Identify the bullet impact point on the target.
4. Press and hold the **OK button** until the reticle on the display turns black.
5. Using the Up/Down/Left/Right arrow buttons, move the reticle to align with your bullet's impact point.
6. Once the reticle is aligned, press the **OK button** again to save the zeroing settings. The unit is now zeroed.

4.6 Recording and Playback

The Night Stalker Mini supports video recording and still image capture to a 32GB Micro SD card (included). The unit also

features recoil-activated recording.

- **To Record:** Press the **Video Recording button** to start and stop recording.
- **To Capture a Still Image:** Press the **Still Shot button**.
- **To Playback:** Press and hold the **Menu/Play button** to access stored files. Use the arrow buttons to navigate and the OK button to play/view.
- **Data Transfer:** Files can be transferred by connecting the unit to a computer via the USB-C cable or by removing the Micro SD card and inserting it into a card reader.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Night Stalker Mini.

- **Cleaning:** Use the provided cleaning cloth to gently wipe lenses and the display. For stubborn smudges, use a lens cleaning solution specifically designed for optics. Avoid abrasive materials.
- **Storage:** Store the unit in a dry, cool place away from direct sunlight. Ensure the objective lens cap is in place to protect the lens from dust and scratches.
- **Battery Care:** Remove batteries if the unit will not be used for an extended period. Store batteries in a cool, dry place.

6. TROUBLESHOOTING

If you encounter issues with your Night Stalker Mini, refer to the following common solutions:

- **No Power:** Ensure batteries are correctly installed and fully charged. Check the battery compartment for any debris.
- **Unclear Image:** Adjust the focus ring and diopter for optimal clarity. Ensure lenses are clean.
- **IR Illuminator Not Working:** Check if the IR illuminator is turned on via its dedicated button. Ensure the unit is in night mode if applicable.
- **Recording Issues:** Verify that the Micro SD card is properly inserted and has sufficient storage space. The card may need to be formatted.
- **Connectivity Problems:** If using Wi-Fi, ensure the device is within range of your smartphone and the PardVision2 app is updated.

For further assistance, contact Pard USA customer support.

7. SPECIFICATIONS

Feature	Detail
Objective Lens Diameter	35 Millimeters
Magnification	3x Optical, 2x Digital Zoom
Sensor	2560x1440 CMOS Sensor, 0.001 Lux Sensitivity
Display	800x800 Circular IPS Display
Eye Relief	100 Millimeters
Field of View	9.9 m @100 m (5.7° Horizontal), 8° Diagonal
Weight	1 lb (16 oz) / 2.8 Pounds (packaged)

Dimensions	11.6"L x 3.2"W x 2.8"H (unit) / 14.25"L x 5.25"W x 4.5"H (packaged)
Material	Housing: Aluminum Alloy, Objective Lens: Glass
Connectivity	Wi-Fi, USB-C
Storage	Micro SD Card (up to 32GB included)
Additional Features	PIP mode, Gyroscope, Recoil-activated recording, PardVision2 app support

8. WARRANTY AND SUPPORT

The Pard USA Night Stalker Mini Digital Night Vision Scope comes with a warranty. Please refer to the "Warranty Description: Amazon" in the product specifications for details on coverage. For technical support, service, or warranty claims, please contact the manufacturer, Pard, or refer to the official Pard USA website for contact information.

Manufacturer: Pard

