PARD NV007 Night Vision

Operation Manual

PARD
NV007
Full HD 1080p

NVO
NIGHT VISION ONLINE

⚠ CAUTION
CLASS **3R** LASER PRODUCT
NEVER AIM AT AIRCRAFT - IT IS UNSAFE AND ILLEGAL   LaserSafety.info/3R

Important Notes

- Please do not stare directly at the IR light emitted from the LED torch.

- The **IR laser pointer** of this device carries high energy. Do not aim at any objects at close proximity, this could cause a fire in rare circumstances, **do not stare at this beam**. Please turn off the light or enter into sleep mode when not in use.

- This device requires a rifle scope that is parallax adjustable, either front adjustable or side adjustable for focusing at various ranges.

- Due to some rifle scope optical paths having different focal lengths, scopes that parallax under 50m and ideally 10m are required.

Contents

Included with the PARD NV007 Night Vision unit,

1x - 45mm short mount scope ring;

1x - 18650 rechargeable battery;

1x – USB data cable;

2x – Allen keys;

Micro SD storage card is **not** included. This is required for recording of video and images.

Product description

1. **Power/Sleep**

2. **IR Power Level / Color or BW mode**

3. **Zoom in / Activate**

Laser 4.Menu / Playback

5.OK/Photo/Recording

6.Zoom out / WiFi

7.Eyepiece Dioptric adjustment ring

8.Objective lens Focusing adjustment ring

9.Sleeve lock

10. TF slot/ USB /AV / HDMI

11. **Indicator adjustment**

PARD NV007 NIGHT VISION DETAILS

12. **Red laser pointer emitter**
13. **Focusable IR LED fill light**
14. **Battery compartment cap**
15. **Rifle scope ring mount attachment lock**

Battery installation

Power is supplied via a 3.7V 18650 Lithium rechargeable. Remove the battery compartment cap and make sure the **positive polarity end is inward with the negative end touching the cap**, Put the cap back and screw it until snug tight (If cap is not tight could result in intermittent operation of unit).

Operation

- Power up the unit then adjust diopter at eye piece (7) until the menu icons become sharp when looking through eye display, then lock in screw with small lock thumbscrew. (This process does not need to go with a clear image in your view.)

- Fit scope ring mount to the rifle scope, the mount fits scopes with a maximum eyepiece outer diameter of 45mm, if the eye piece is under this diameter use the supplied tape to increase your eye piece diameter to ensure a snug fit scope ring fit.

- Fit the unit to the scope ring adaptor and ensure its locked in place, look through the unit and adjust the barrel focus ring so you get pin sharp image of your scope reticule, rotate the scope ring adaptor to align the the reticule so it is perfectly aligned to your shooting style and mounting position (may require the ring mount to be slackened off the eye piece slightly to adjust). Then re-tighten scope ring mount once complete.

- With the unit fitted to your scope and, dipotre and reticule in focus, finally use the scopes front or side parallax adjustment to focus on your subject or target point, this will adjusting for various distances.

Instructions

1. Turn On/Off：

Press and hold the power button (about 1 second) to turn on/off.

The power indicator light will be on/off.

2. Sleep / Wake-up mode：

To activate sleep mode press the power button once quickly, this turns off the eye display, press once quickly again to reactivate and power on the unit.

3. The eyepiece adjustment

The eyepiece focusing or dioptric adjustment is designed to help users with different vision see a clear view. This is setup once and the thumbscrew tightened and should not need further adjustment unless another user operates the unit. Turn the eyepiece dioptric adjustment ring till menu icons on the screen become sharp.

(Please note the image obtained now may be breezing before doing objective lens adjustments.)

4. The objective lens focusing

Please finish eyepiece adjustment before doing the objective lens adjustment. Aim at your target, turn objective lens ring until you've achieved a stable and well focused image.

In general, set the position of OA to the point of infinity

5. IR Power Control

In black and white mode, repeatedly press the IR fill light brilliance control button to adjust IR light power among range of 3 power levels (set IR1-3 or off). The IR light also has a zoom head so this can be pulled out to enable a tighter further reaching beam.

6、 Laser ranging

Press and hold zoom in/red laser switch button to turn on/off laser ranging. The laser windage and elevation can be adjusted via the small allen key screws either side of the laser emitter.

7. Shortcuts

On the user interface,

- Press and hold IR power/ Color/ BW mode button to switch between color / BW mode

- Press and hold the WiFi button to turn on/off WiFi

- Press playback button to playback video clips stored in SD card

- Press OK/Photo/Recording button to make photo and video recording mode switch;

- Press +/- to zoom in or zoom out.

8. Menu operation

Press Menu button to call out menu. Press +/- button to select each sub-menu. Press OK/ Photo/ Recording to enter the settings.

- 1 Reticle Center Position Adjustment

Select "Reticle Center Position Adjustment" then press OK to enter adjust menu. Press "+/-" to adjust Y value Up/Down. Press "IR/MENU" to adjust X value Left/Right. When the reticle position is adjusted where you want, press OK to save and exist.

(**This is an extra function and not required for scope mounting the unit**)

- 2 Color

Press "+/-" button repeatedly and select "Color" in roll-up menu. Press "OK " to enter setting. Press "+/-" repeatedly to select color or BW mode in turn. Press "OK" to set.

- 3 IR Power Control

Select "IR power control" and press "OK" to enter. Press "+/-" repeatedly to make switch among "off, 1,2,3". Press "OK" to set.

Please note that the setting you've made will only take effect in your next starting up. This is **_Not_** for your instant setting.

Please enter into BW mode and press "IR power control" button for instant power control.

- 4 Auto Recording

Select "Auto Recording" and press "OK" for auto recording setting. Select "on" or "off". This setting determines auto recording is on or not in your next starting up.

- 5 Circulating recording

Select "Circulating recording" and press "OK" for circulating recording setting. Select "off", "1min", "3 min" "5 min" or "10 min". Press "OK" to confirm. This setting determines if circulating recording is on or not in your next start up.

6 Time Stamp

Select "Time stamp" and press "OK" for time stamp setting. Select "on" or "off". Press "OK" to confirm. This determines time stamp is set or not when recording.

7 Audio Synchronization

Select "Synchronized audio video" and press "OK". Select "on" or "off". Press "OK" to confirm. This allows audio synchronization when recording.

8 Keyboard press sound

Select "Keyboard press sound" and press "OK" for keyboard press setting. Select "on " or "off". Press "OK" to confirm. This setting allows keyboard press sound is also recorded when making recordings.

9 WiFi

Select "WiFi" and press "OK" for WiFi setting. Select "on " or "off " to turn on / off WiFi.

Note: When WiFi is on menu will be disabled. To enable menu please long press WiFi key to disable WiFi

WiFi Connection: Download App Roadcam, then run the App and search for hotpots starting with "NVT", then enter password 12345678 to connect.

10 Exposure compensation

Select "Exposure compensation" and press "OK" for exposure compensation setting. Options "+2/3"、"+1/3"、"+0.0"、"-1/3"are available.

11 Languages

Select "language setting"and press "OK" for language setting. Options include"English""Francais"、"Espanol"、"Portugurs"、"Deutsch"、"Italino"、"简体中←文""繁体中←文""Pyccknn"and"√ 日本语". Choose your preferred language for your system.

12 Date/Time

Select "Date/Time" and press "OK" to set up date and time. Select respectively "Year", "Month", "date", "Hour". "Minute" and "Second", and press "+/-" for designated value. Press "OK" to save change.

Also select "Date display format", press "+/-" for preferred date display format among "YY/MM/DD"、" MM/DD/YY"、"DD/MM/YY".

Formatting

Select "Formatting" and press "OK" to format. You can select "Memory" or "SD card". When carrying out this operation system prompts " all data will be erased!" Please take extreme caution carrying out this operation. All data could be erased if formatted. ONLY select SD Card.

Factory setting

Select "Factory setting" and press "OK" for factory setting. Select "OK" or "Cancel" to restore the factory settings or not. Please take extreme caution to perform this setting.

Specifications

Model No.	1080P BNV	Sleeve size	< 45mm
Magnifying power	4x-28x	Video resolution	1920*1080
Photo resolution	2680*1944	Eyepiece resolution	800*600
Transmission Method	WiFi	Focusing	3cm-∞
IR power	5w	Storage type	TF Card
IR wave length	850nm	Output type	AVI
IR illuminate distance	200m	Battery	18650 x1
Voltage	3.7V	Battery life	> 8h with No IR
Frame rate	30fps	Dimension	106*97*47
Weight	250g		

Warranty

This product is warranted against defects in materials and workmanship for a period of one year from the date of purchase

This warranty is for the original purchaser only.

Notice：
Operation of this device in daylight or viewing any strong radiation source like the sun, electric welding and laser directly may cause permanent damage to internal parts of this device and this is **not** covered by the Warranty.

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