

PARD Digital Night Vision

NV019



User Manual

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Notes

1. Do not look at the IR infrared light directly, or it will damage your eyes!
2. Massive power will be gathered when the infrared light is turned on. Do not aim at flammable items at a close range, otherwise it may cause fire. Please turn the infrared light off or enter sleep mode after use.
3. Please use a rechargeable battery with a rated voltage of 3.7V!
4. Attempts to disassemble or repair the device without authorization will void the warranty. Please contact with the maintenance point in time if there's any needs.

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Turn on the device after installing battery. At first to make sure if you can see the letters or icons on the screen clearly (put the diopter lens to the slot in front of the eyepiece if the user has presbyopia); Then adjust the optical zoom ring and focus ring until the view of your target is clear and sharp; Switch between color mode and black & white mode; Test the function of IR illuminator under the black & white mode only.

Instructions

1. Turn On/Off:

To Turn On the device press and hold the Power button (about 1 second) until you see the PARD splash screen.

To Turn Off the device press and hold the Power button about 1 second.

2. Optical Zoom Adjustment:

Rotate the Optical Zoom Adjustment Ring clockwise and counter- clockwise until you see your target clearly. If not, re-adjust the Objective Lens Adjustment Ring.

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Package Contents

This box contains a night vision optics with.

1* NV019; 1* Micro USB cable; 1* User manual; 1* Diopter lens

Storage card is not included. Please prepare a TF card (128g maximum) for data storage.

Installation

1. Battery Installation:

Please use Lithium chargeable 3.7V flat battery 18650. Remove battery compartment cap and make sure setting the positive polar towards to the direction inward. Put the cap back and screw it until tight. (Fail to do so may result in restarting).

2. Adjustments:

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3. The Objective Lens Adjustment:

Make sure you can see the letters or icons in the screen clearly before the objective lens adjustment. Aim at your target ,rotate objective adjustment ring until you've achieved an stable and well focused image.

4. IR Fill Light Brilliance Control:

In black and white mode, repeatedly press the IR fill light brilliance control button to adjust IR light brilliance among range of 3 gears(set IR1-3 or off). The fill light is also stretchable so that it can be pulled and pushed to fill light.

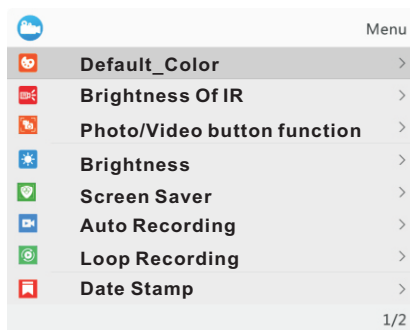
5. Menu Operation:

Enter the menu with a short press of the Menu button. Press +/- button to select options. Enter a submenu with a short press of Menu/OK button. Exit the menu with a short press of the Power button.

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1>Default_Color

Enter the menu with a short press of the Menu button; Enter the submenu “Default Color” with a short press of the Menu button; Select “Color” or “Black & White” mode with +/- button; Confirm your selection with a short press of the Menu/OK button; A restart is required in order to finish setting up the device.



2>Brightness of IR

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6>Auto Recording

Enter the menu with a short press of the Menu button. Enter the submenu “Auto Recording” with a short press of the Menu button; Select “On” or “Off” with +/- button. Confirm your selection with a short press of the Menu/OK button.

A restart is required in order to finish setting up the device.

7>Loop Recording

Enter the menu with a short press of the Menu button. Enter the submenu “Loop Recording” with a short press of the Menu button; Select “Off, 1 min, 3 min, 5 min” or “10 min” with +/- button. Confirm your selection with a short press of the Menu/OK button. A restart is required in order to finish setting up the device.

8>Date Stamp

Enter the menu with a short press of the Menu button. Enter the submenu “Date Stamp” with a short press of the Menu button. Select “On” or “Off” with +/- button. Confirm your selection with a short press of the Menu/OK button.

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Enter the menu with a short press of the Menu button. Enter the submenu “Brightness of IR” with a short press of the Menu button. Select “Off, 1, 2, 3” with +/- button. Confirm your selection with a short press of the Menu/OK button.

A restart is required in order to finish setting up the device.

3>Photo/Video button function

Select “Photo/ Video button function”, press “OK” to enter. Select “Still” to enter photo mode, select “Video Record” to enter video mode.

4>Brightness

Enter the menu with a short press of the Menu button. Enter the submenu “Brightness of IR” with a short press of the Menu button. Select “Level 0, Level 1, Level 2, Level 3” or “Level 4” with +/- button. Confirm your selection with a short press of the Menu/OK button.

5>Screen Saver

Select “Screen Saver”, press “OK” to enter. Select “Off” “1 Minute” “5 Minutes” “10 Minutes” or “15 Minutes” to enter sleep mode.

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9>Record Audio

Enter the menu with a short press of the Menu button. Enter the submenu “Audio Recording” with a short press of the Menu button; Select “On” or “Off” with +/- button. Confirm your selection with a short press of the Menu/OK button.

10>WiFi

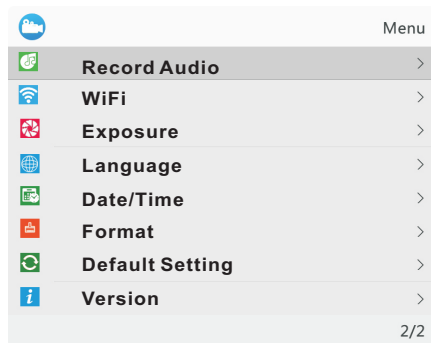
Enter the menu with a short press of the Menu button. Enter the submenu “WiFi” with a short press of the Menu button. Select “On” or “Off” with +/- button. Confirm your selection with a short press of the Menu/OK button. Turn WiFi off with a long press of + button during operation.

The default user name and password of WiFi are PARD and 12345678. You need to download the corresponding software in the official website.

11>Exposure

Enter the menu with a short press of the Menu button. Enter the submenu “Exposure” with a short press of the Menu button. Select one with +/- button. Confirm your selection with a short press of the Menu/OK button.

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12>Language

Select “language” and press “OK” for language setting. Options include “English, Français, Español, Português, Deutsch, Italiano, ไทย, Polski, Русский” and “日本語”. Confirm your selection with a short press of the Menu/OK button.

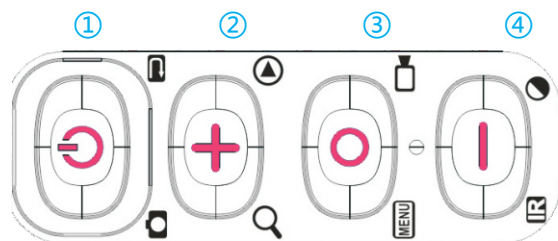
13>Date/Time

Enter the menu with a short press of the Menu button. Enter the submenu

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8.Shortcuts

The buttons correspond to a variety of operating functions, and the corresponding functions are different in different interfaces. The booting interface can realize the shortcut function of the buttons.



①.Power/ Sleep button

To realize sleep/ wake up function by a single click of Sleep button in observation interface.

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“Date/Time” with a short press of the Menu button. Select one of the options with the Menu button. Select the correct values for the year, month and date with a short press of +/- button.

Select “YY/MM/DD”, “MM/DD/YY” or “DD/MM/YY” as your date format with a short press of +/- button. Save selected date and exit the submenu with two short press of the Power button.

14>Format

Enter the menu with a short press of the Menu button. Enter the submenu “Format” with a short press of the Menu button. Select “Memory” or “TF card” with +/- button. Confirm your selection with a short press of the Menu/OK button.

15>Default Setting

Enter the menu with a short press of the Menu button. Enter the submenu “Default Setting” with a short press of the Menu button. Select “Cancel” or “OK” with +/- button. Confirm your selection with a short press of the Menu/OK button.

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②.Zoom (+) / play button

Press the zoom button on the observation interface to quickly realize the digital zoom function. Long press + button to enter the video files. You can browse and manage the photos and videos. Press the photo button on the interface could play the recorded video, long press + button to exit the interface.

③.Menu/ OK/ Video button

Enter menu interface by click Menu button, hold and press menu button to exit the menu interface; To realize photo/ video record function by long press this button, do it again to exit. (Can only realize one of the functions, enter menu interface to set up.)

④.IR/ mode switch (-) button

In the observation interface, Long press mode switch button to switch between black & white and color mode. Press the IR button in black & white mode to switch the fill light “off, IR1, IR2, IR3”; in the menu, the - button can be used to switch the optional functions.

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Specifications

Model No.	NV 019	Battery	18650x1	Dimension	202*89*63
Magnifying power	1x-20x	IR wave length	850nm	IR power	5w
Output type	AVI	Storage type	T F Card	Battery life	> 10h
Voltage	3.7V	Focusing	3cm-∞	Transmission method	WiFi
Video resolution	1920*1080	Weight	371g	IR illuminate distance	400m
Eyepiece resolution	800*480	Frame rate	30fps		

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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 :

Do not disassemble the night vision device by yourself. If there is any trouble, please contact the factory in time. If the repair, modification or product seal sticker is not approved by the company, it will not be covered by the warranty.

All damage caused by human factors or accidental product damage, including use in abnormal working conditions, damage caused by failure to follow the instructions and installation, is not covered by the warranty.

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Warranty card

Product model:

Product code:

Date of purchase:

Warranty period:

User Name:

User's phone:

User address:

Warranty records:

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网址 : www.puleide.com

联系电话 : 400-099-2599

Telephone : +86-0755-29484438

Website : www.pard-tech.com

地址 : 深圳市宝安区宝石东路328号A栋

Address: No. 328 Baoshi East Road, Shiyuan, Bao'an District, Shenzhen, China