



产品使用说明
PRODUCT INSTRUCTION

深圳市普雷德科技有限公司
Shenzhen Pard Technology Co.,Ltd

重要注意事项

1. 请勿近距离直视IR红外补光灯，否则会对眼睛产生伤害！
2. 本产品红外灯开启状态会聚焦大量能量，严禁近距离对准可燃物体，否则可能会引起火灾，不使用时请关闭IR红外补光灯，或进入休眠状态！
3. 本产品需适配带有调焦功能（AO调焦或侧调焦）的光学望远镜，否则可能无法使用！
4. 因为光路设计的原因，个别光学望远镜可能无法适配本产品！

PARD
数码夜视仪
NV007V



操作手册

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3.卡环安装

1.将夜视仪连接好卡套，套入光学望远镜目镜直到底部，观察卡套与光学望远镜目镜的间隙。建议卡套与光学望远镜目镜的间隙小于0.1mm，卡套适用于小于45mm的目镜，不足的可用电工胶缠绕直至间隙小于0.1mm。通过旋转夜视仪物镜调焦轮看清光学望远镜十字线，转动夜视仪使光学望远镜十字线水平，再用内六角固定卡套螺丝即可。

2.从夜视仪上将卡环活动开关向后拨到底，逆时针旋转夜视仪即可分离卡套。

夜视仪左倾斜约30度，轻轻插入卡套，顺时针旋转夜视仪听到“卡嗒”入槽声即可完成安装。

使用说明

1.开/关机：

长按电源键(约1秒)即可开/关机，开机状态电源指示灯长亮。

2.休眠：

开机状态下单次点击休眠键进入休眠/唤醒，休眠模式电源指示灯常亮。

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开箱说明

打开包装盒内含夜视仪主机一台(含卡套),数据线一条.六角扳手两个,包装软包一个.本产品不包含内存卡，若要使用拍照录像等功能需自行准备一张TF卡(最大支持128G)！

安装说明

1.电池安装

拧开电池盖使用额定电压为3.7v的平头18650锂离子充电电池一节正极朝内安装好，保证电池盖拧紧。

2.调试

安装好电池开机后，首先调节屈光度。旋转夜视仪目镜屈光度，调节轮直到看清屏幕上的四角文字图标(无需看清图像)即可。

接下来调夜视仪物镜调焦轮，直到看清想要看清的目标。如果适配光学望远镜使用，则装上卡套并固定在光学望远镜后面。通过旋转夜视仪物镜调焦轮，看清光学望远镜十字线完成基本调节。

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3.目镜调焦：

目镜调焦又称屈光度调节，目的是为了不同视力的用户都能清晰地看清显示内容。转动调焦轮使眼睛能看清屏幕上四角的文字图标为准。

请注意并不是调节后清晰地看到图像，只要保证清晰的看到显示屏上的四角图标即可(在物镜没有调焦好的时候看到的图像可能不清晰)，同一个人一只眼睛只需要调节一次。

4.物镜对焦

在物镜对焦之前请确认目镜调焦(屈光度调节)已经完成。对准想要看到的目标，调节物镜调焦轮，使自己清晰的看到目标图像为止。

5.补光调节

在黑白模式下,单次点击IR调档键即可调节补光档位(设IR1-3关闭档),可通过旋转拉伸补光灯外壳调节对焦补光。

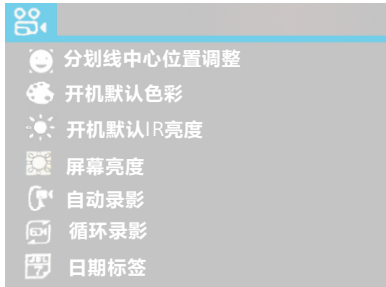
6.红点指示调节

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短按红点指示键即可打开/关闭红点指示灯，通过内六角扳手在红点指示调节口进行调节红点灯位置。

7.菜单操作

按菜单键即可呼出菜单栏,通过+/-号键选择子菜单，确定键进行进入/选择/确定。



1>开机默认色彩

按菜单键呼出菜单栏，按“-”键将光标选中“色彩”，然后按“OK”式。键确定即可弹

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4>循环录影

光标选中“循环录影”后按“OK”键呼出子菜单。可选择“关”“3分钟”“5分钟”“10分钟”，确认后实现下次开机后是否循环录影。

5>日期标签

光标选中“日期标签”后按“OK”键呼出子菜单。在子菜单上选择“开”或“关”，确认后实现录影是否显示日期标签。

6>录影音频

光标选中“录影音频”后按“OK”键呼出子菜单。在子菜单上选择“开”或“关”，确认后实现录影是否带语音音频录入。

7>按键声音

光标选中“按键声音”后按“OK”键呼出子菜单。在子菜单上选择“开”或“关”，确认后实现录影是否带按键声音录入。

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出子菜单，按“+”“-”键可移动光标进行选择色彩模。

子菜单“色彩”代表彩色模式，黑白代表黑白模式。选择完毕后按“OK”键即可实现模式的确定,并且机器切换到该模式。

2>开机默认IR亮度

光标选中“IR亮度调节”后按“OK”键呼出子菜单。子菜单有“关”“1”“2”“3”三个选择，关代表关闭IR补光灯，1、2、3分别是补光灯补光强度的三个档位。光标选中相应选项后按确定即可保存。

注意,调节保存后是下次开机默认的IR补光灯状态！并不是即时调节IR补光灯状态,若要即时调节IR补光灯状态请在黑白模式按IR补光灯亮度调节键进行调节。

3>自动录影

光标选中“自动录影”后按“OK”键呼出子菜单。在子菜单上选择“开”或“关”，确认后实现下次开机后是否自动录影。

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8>WiFi

光标选中“WiFi”后按“OK”键呼出子菜单。在子菜单上选择“开”或“关”，确认后实现WiFi的开关。WiFi账号以NVT/PARD开头，密码是12345678，需要到官网下载对应的软件。

注意:WiFi打开后无法呼出菜单，请长按“WiFi”键关闭WiFi。



9>曝光补偿

光标选中“曝光补偿”后按“OK”键呼出子菜单。子菜单可选择“+2/3”“+1/3”“+0.0”“-1/3”，确认后实现相应的曝光补偿。

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10>语言

光标选中"语言设置"后按"OK"键呼出子菜单。子菜单有"English""Français""Español""Português""Deutsch""Italiano""简体中文""Русский""日本語""Cesky"等十种语言可以选择,确认后实现相应的语言文字切换。

11>日期/时间

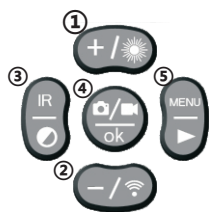
光标选中"日期/时间"后按"OK"键呼出子菜单。光标首选在年份位置,按"+"或"-键调整年份确定后按"OK"键,光标跳到月份;按"+"或"-键调整月年份确定。后按"OK"键,光标跳到日期;按"+"或"-键调整日期确定后按"OK"键,光标跳到小时;按"+"或"-键调整小时确定后按"OK"键,光标跳到分钟;按"+"或"-键调整分钟确定后按"OK"键,光标跳到秒数。

按"+"或"-键调整秒数确定后按"OK"键,光标跳到日期显示格式;按"+"或"-键可选择"YY/MM/DD""MM/DD/YY""DD/MM/YY"三种日期显示格式。确认后按菜单键退出。

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Ⓚ 休眠/电源键

长按实现夜视仪的开/关机,开机后单次按击实现夜视仪的待机/唤醒。



①.红点指示(+)键

单次按击实现红点指示开/关。

②.缩放(-)/WiFi键

单次按击实现缩小放大,长按实现WiFi的开/关。

③. IR补光灯亮度调节/彩色黑白模式切换键

黑白模式下单次按击实现补光灯开关及档位调节,长按实现黑白/彩色模式的切换。

④.确定/拍照/录像键

单次按击实现选择确定,长按实现拍照录像功能。

⑤.菜单/播放键

在使用画面单次按击可以呼出菜单,菜单页面单次按击实现退出,长按实现打开录像。

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12>格式化

光标选中"格式化"后按"OK"键呼出子菜单。子菜单可选择"内存"或"SD卡"确认后提示"格式化记忆体将删除所有数据",请谨慎选择确认!删除后数据无法恢复!

13>默认设置

光标选中"默认设置"后按"OK"键呼出子菜单。在子菜单上选择"确认"或"取消"恢复默认设置,确认后恢复出厂默认设置状态,请谨慎操作。

14>分划线中心位置调整

按"OK"键进入子页面,按"+"或"-调整Y值;按IR件菜单键调整X值,即可将光学望远镜中的分划线调整到显示屏的中心位置。按"OK"键即可保存退出。

8.快捷键操作

按键对应多种操作功能,分割线/"前面标识功能按击一次即可实现,后面的标识功能长按即可实现。

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技术参数

型号	NV 007V	电池	18650x1	尺寸	106*97*47 (不含眼罩)
放大倍率	4x-14x	红外波长	850/940nm	红外功率	5w
拍照分辨率	2608*1944	存储类型	TF卡	使用时长	> 8h
卡环尺寸	< 45mm	调焦范围	3cm-∞	传输方式	WiFi
录像分辨率	1920*1080	重量	250g	红外射程	300m
目镜分辨率	1024*768	帧频	30fps	录像格式	MP4
电压	3.7V				

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产品保修卡

产品型号:

产品编码:

购买日期:

质保期限:

用户姓名:

用户电话:

用户地址:

保修记录:

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保修说明

感谢您购买本产品,在保修期内我们将遵照此保修条款为您提供最高品质的服务。

一：保修政策

普雷德科技向本产品用户保证，在遵循下述条件下，可得到有效保修。

(1)保修时需同时提供本保修卡。

(2)在质保期内非人为因素引起的故障，免费维修，免费更换配件。

二：保修限制

下列原因造成产品损坏不能正常使用，不在保修范围内。

(1)请勿自行拆卸夜视仪，如发生故障请及时与厂方联系，未经本公司认可的维修，改装或产品封口贴纸破裂者，都不在保修范围内。

(2)一切人为因素损坏或意外造成的产品损坏，包括非正常工作环境下的使用，未按照说明书使用及安装造成的损坏等，不在保修范围内。

(3)本公司保留对以上条款的修改权和解释权。

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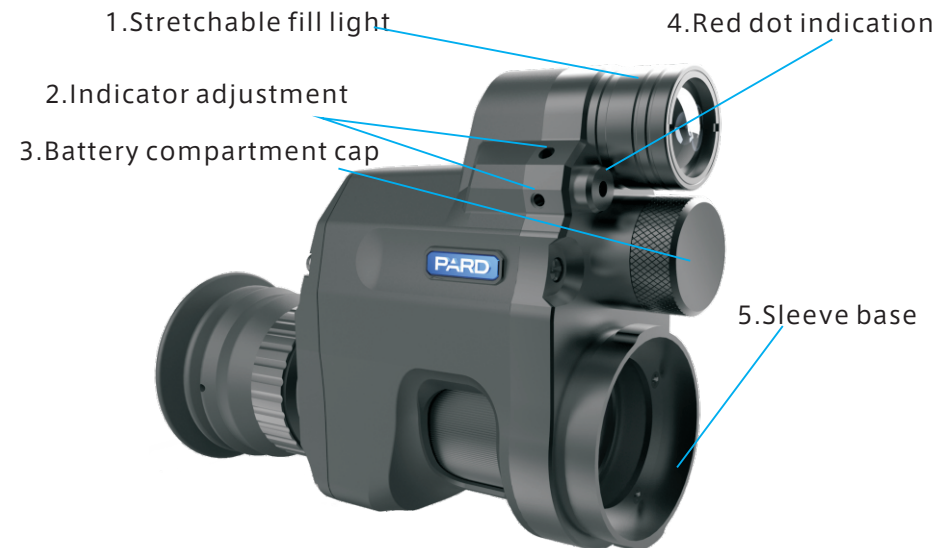
Important note

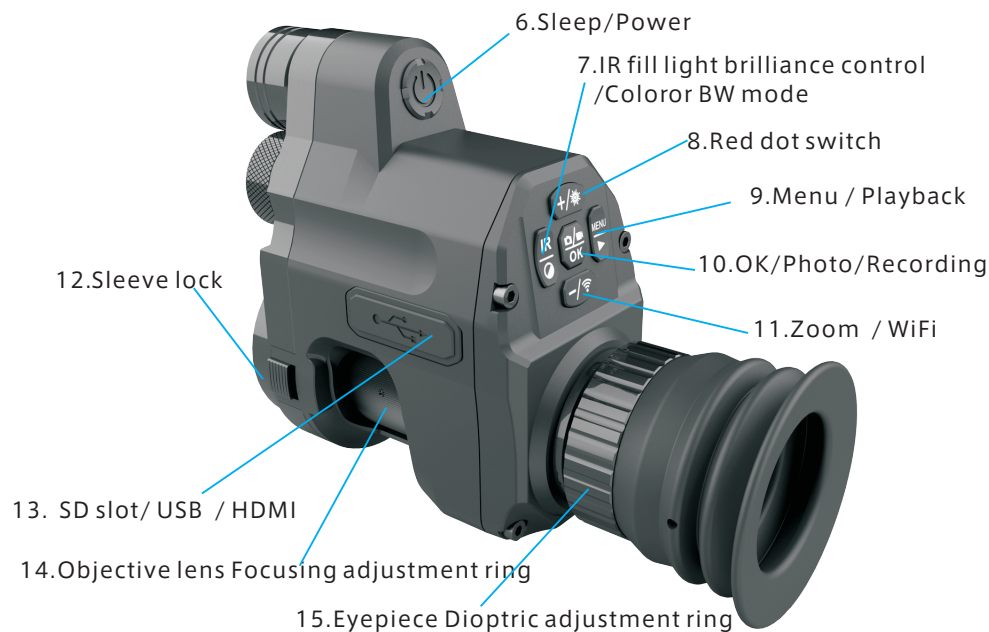
- 1) Please do not look directly into the infrared light from the IR Torch as this may result in permanent eye damage.
- 2) Due to the power of the Infrared light, DO NOT project the beam onto any flammable object as this may result in a fire. When not in use, switch off the device or place it in sleep mode.
- 3) This product can be used with any rifle scope that is parallax adjustable however to get the best performance from this product use a rifle scope that can parallax below 50m.
- 4) Caution –Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation

PARD
Digital night vision
NV007V



Operation Manual





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2. Operational instruction

- Turn on the power and wait for the menu to appear in the image screen. After the menu is present adjust the diopter to ensure you can clearly view the screen and the information and icons contained on it.

- To adjust the diopter first adjust the eyepiece diopter adjustment ring until the menu and icon characters appearance become sharp in the screen. (N.B this part of the start-up process does not mean you will have a clear long range image in your view.)

- Ensure that the rifle is unloaded and pointed in a safe direction.

- Fit the NV007V to your rifle scope. Insert the unit into a bayonet of the correct size for your rifle scope, rotating clockwise and ensuring the sleeve lock clicks into place. Adjust the packing / shim on the rifle scope so that the bayonet is a tight sliding fit. Slide the whole assembly onto the eyepiece of the rifle scope. Adjust the barrel focus of the NV007V so that the reticule is in sharp focus. Move the assembly forwards and backwards

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Contents Includes:

This box contains a night vision optics with,

1x Pard 007V;	1x Hexagon wrenches;
1x USB Data Cable;	1x Software package.

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

Installation

1. Battery Installation

The unit is supplied with 3.7V 18650 Lithium re-chargeable flat batteries.

To Load the battery remove the battery compartment cap, slide the battery (positive + polar end first) into the battery compartment. Replace the cap and tighten firmly to ensure the battery is fully contained and both ends of the battery are in contact with the battery terminals. Failure to do so may result in intermittent fault.

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to obtain a full image of the rifle scope view on the display. The object is to get a satisfactory field of view with pushed as far forward as possible. Align the assembly so that the reticule is centered and level within the display of the NV007V. Tighten the bayonet clamp bolts while checking that the alignment is still centered and level. It is worth spending some time to get this as perfect as possible as it only needs doing once.

- Place the eye piece of the rifle scope into the QR sleeve. Ensure you slide the QR over the eye piece and lock it in place tightly. Adjust the connection angel if necessary and once the rifle scope and Pard unit are aligned perfectly to your personal requirements, tighten the fastening screw on the QR ring for a strong and stable connection.

- Now that the Pard unit is locked on to your rifle optic then please turn the rifle scopes objective lens focusing adjustment ring until a crystal clear image of your cross hairs appears in the center of the screen.

- To disconnect the unit from your rifle optic turn the Pard unit through a half turn and the unit will disconnect from the rifle scope.

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- Daytime use: Use the rifle scope side wheel or adjustable objective to bring the target into sharp focus.

- Night-time use: Set your rifle scope to its lowest magnification, switch to night mode. Adjust the beam angle of the IR so that the beam just fills the field of view. Focus the reticule with the barrel adjuster on the NV007V and then use the rifle scopes side wheel or adjustable objective to bring the target into sharp.

Instructions for use

1.Turn On/Off :

Press and hold the power button (about 1 second) to turn on/off. The Sleep/power indicator light will be either illuminated constantly which is when the unit is powered on or if non illuminated then the unit is off.

2.Sleep / Wake-up mode :

To activate the sleep/wake up mode: with the power on (the sleep /power light constantly illuminated) press the sleep/wake-up button

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Do not look directly at the IR infrared light as this could cause your eye damage! Switch on the unit. The units display screen will illuminate into black and white mode. In black & White mode press repeatedly the IR fill light control button to 8 increase the IR light levels as required. The unit has 3 power levels 1, 2, 3 and Off. All of which can be adjusted to increase or decrease the focus of the beam as required. Also within the top right hand corner of the screen the letters IR will be visible as another visual warning that the IR is switched on. 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 or off the laser ranging function

7.Menu operation

Press Menu button to call up the menu the option. Press +/- button to select each sub menu. Press OK/photo/ recording to enter the settings :

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once to enter sleep mode then push once again to activate wake-up mode and power up the unit.

3.Eye piece adjustment

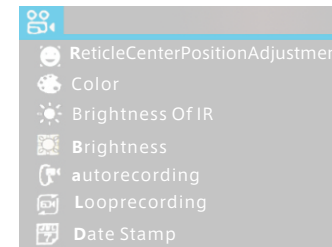
The dioptic adjustment is designed to ensure a clear visual image through the unit for people with varying levels of focused vision. Turn the eyepiece dioptic to bring the menu into sharp focus as you require. The unit once set up is set to your personal needs and no further adjustment should be need.

4.The objective lens focusing

Focus the unit on the intended object and turn the objective lens ring accordingly until you have the object in clear focus. (Please ensure that you have adjusted the dioptic eyepiece before focusing the Objective lens adjustment.)

5.IR power control

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1>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.

2>Brilliance control

Select "IR brilliance 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.**

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Please enter into BW mode and press "IR fill light brilliance control" button for instant brilliance control.

3>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.

4>Circulating recording

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

5>Time stamp

Select "Time stamp" and press "OK" for time stamp setting. Select "on"

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keyboard press sound is also recorded when making recordings.

8>WiFi

Select "WiFi" and press "OK" for WiFi setting. Select "on" or "off" to turn on / off WiFi. Please note you cannot call out menu when WiFi is On. Press and hold "WiFi" button.

9>Exposure compensation

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

10>Languages

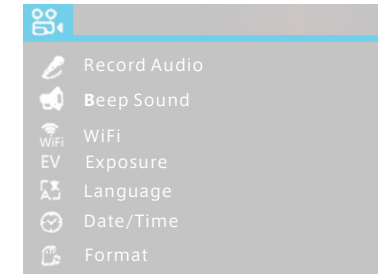
Select "language setting" and press "OK" for language setting. Options include "English", "Francais", "Español", "Portugues", "Deutsch", "Italino", "简体中文", "Pyccknn" and "日本語", "Cesky". Choose your preferred language for your system.

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or "off". Press "OK" to confirm. This determines time stamp is set or not when recording.

6>Audio synchronization

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



7>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

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11>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".

12>Formatting

Select "Formatting" and press "OK" for formatting setting. You can select "Memory" or "SD card". When tend to apply operation system will prompts "all data will be erased!" Please take extreme caution to perform this operation. All data could not be restored if formatted.

13>Factory setting

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

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14>Center Position Adjustment

Press the "OK" button to enter the sub-page, press "+" or "-" to adjust the Y value; press the IR menu button to adjust the X value to adjust the sub-line in the optical telescope to the center of the display. Press "OK" to save and exit.

8.Shortcuts

On the user interface,

Press and hold IR fill light brilliance control / Color or BW mode button to make switch between color / BW mode;

Press and hold 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. Press + to turn on/off Red dot indication.

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After sales support

PARD provides users with after-sales support services for the company's products. If you need after-sales service support, please log on to our official website www.pard-tech.com/support to fill in and submit the information. We will get back to you within one working day.

In order to provide you with better service, we need you to fill in and submit the following information:

1. Where you bought the machine
2. Your country/name/email address/telephone number
3. Machine models that need after-sales support
4. The SN code of the machine
5. Describe the problem encountered

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Specifications

Model No.	NV 007V	Battery	18650x1	Dimension	106*97*47
Magnifying power	4x-14x	IR wave length	850/940nm	IR power	5w
Photo resolution	2608*1944	Storage type	T F Card	Battery life	> 8h
Sleeve size	< 45mm	Focusing	3cm-∞	Transmission method	WiFi
Video resolution	1920*1080	Weight	250g	IR illuminate distance	300m
Eyepiece resolution	1024*768	Frame rate	30fps	Output type	MP4
Voltage	3.7V				

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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 :

Operate this device in daylight or view 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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