

PARD

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

PARD
数码夜视仪

NV008S



标准版

—1—

PARD
数码夜视仪
NV008S-LRF



测距版

—2—

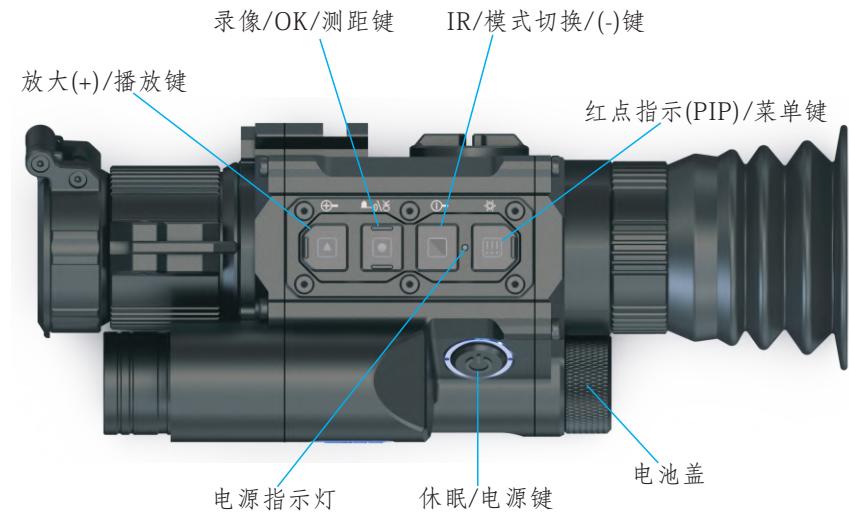
重要注意事项

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. 请使用额定电压为3.7V锂离子充电电池!
4. 切勿擅自打开机壳，如发生故障请及时与厂方联系，否则将视为放弃保修服务。

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开箱说明

打开包装盒，内含夜视仪主机一台，双钉夹、六角扳手、18650 3.7V可充电锂电池各一个，以及数据线一条。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能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；切换不同的模式并测试红外补光灯以及红点指示灯，测距版进行测距测试。

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3.夹具安装

夜视仪下方有5个螺丝孔，根据需要使用六角扳手固定好夹具，夹具位置可以通过固定螺丝适当调整位置，双钉夹适用多种类型的导轨。

使用说明

1.开/关机：

单次按击电源键即可开机，长按电源键关机，开机/休眠状态电源指示灯长亮。

2.休眠：

开机状态下单次按击休眠键进入休眠/唤醒，休眠模式电源指示灯常亮。

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。

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1>弹道计算

按"OK"键进入子菜单,按"+/-"键选定子菜单弹道计算参数/打开/关闭弹道计算功能选项,按OK键确认。

在进入弹道计算参数设置后,按菜单键/OK键上下移动选定子选项;按"+/-"键调整对应项的值(设备可支持保存5组弹道数据,在选定设置A-E组子弹资料后,依次在下方调整子弹初速、子弹重量、子弹口径、海拔高度、温度、枪瞄高和归零距离的对应值);长按菜单键保存并返回到观察界面。

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注意并不是调节后清晰地看到图像,只要保证清晰地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),同一只眼睛只需要调整一次。

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,单次按击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

在红点快捷模式下,长按红点指示键即可打开/关闭红点指示灯,通过内六角扳手红点指示调节口进行红点指示灯位置的调节。

7.菜单操作

短按菜单键即可呼出菜单栏,通过"+/-"号键选择子菜单,OK键进入/切换/选择/确定。

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子弹资料	A
子弹初速(fps)	263
子弹重量(gr)	46
子弹口径	0.465
海拔高度(ft)	4350
温度(F)	50
枪瞄高(inch)	276
归零距离(yds)	42

2>测距单位选择

光标选中"测距单位选择"后按OK键呼出子菜单。在子菜单上选择"米"或"码",按OK键确认后实现测距显示单位的变更。

3>画中画

按OK键进入子菜单,按"+/-"选定打开或关闭画中画功能;也可以选定关闭或打开画中画快捷键,按OK键确认并返回至上一层。(打开画中画快捷键后,红点指示快捷键替换成画中画快捷键。)

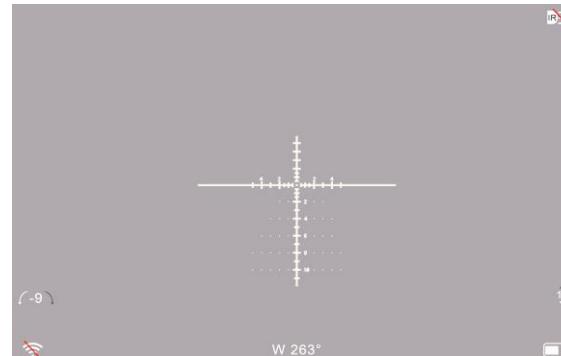
—11—

4>十字线归零校准

按OK键进入子页面后，按OK/菜单键切换选项；按"+"/"-键调整对应项的值。6.5x代表当前倍率,A-E代表储存类型,XY代表十字线坐标,Style对应十字线的类型（5种类型供选择）,Color对应十字线的颜色（黄/白色供选择）,在Save项按"+"/"-选择Yes/No进行保存或取消,按OK键确认并返回观察界面。

6.5x A X:0 Y:0 Style Color Save

5>陀螺仪



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9>屏幕亮度

选中"屏幕亮度"后按OK键呼出子菜单,在子菜单上选择"超暗"、"暗"、"微暗"、"正常"、"微亮"、"亮"、"超亮"七个档位调节显示屏亮度。



10>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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按OK键进入子页面,按"+/-"选择显示或校准。选择"显示"项后按OK键即可进入子页面,选择开/关陀螺仪。选择“校准”后按OK键即可进入校准状态。校准：**水平静置约8秒即可自动完成校准。**

6>开机默认倍率

按"OK"键进入子页面,按"+/-"选择开机默认倍率6.5X/13X,按OK键确认并返回。

7>开机默认色彩

按OK键进入子菜单,按"+/-"键可在彩色模式和黑白模式之间切换。选择完毕后按OK键即可确定下次开机的模式，并且机器切换到该模式。

8>开机默认IR亮度

按OK键呼出子菜单,子菜单有"关/1/2/3"四个选项,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。选中相应选项后按OK键确定并保存。**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。**

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11>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",按OK键确认后实现下次开机后是否循环录影。

12>射击预录

光标选中"射击预录"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自动后台录影，每20秒为一个录像片段，系统将识别射击时刻并将所在录像片段自动保存在储存卡中。

13>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。

14>录音音频

光标选中"录音音频"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。

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15>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。

16>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",确认后即可开启WiFi并退出菜单,长按菜单键关闭WiFi(在使用WiFi时菜单页面无法呼出)。

WiFi账号以PARD开头,密码是12345678,需到官网下载对应的软件。



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21>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,确认后会恢复到出厂默认设置状态,请谨慎操作。

22>版本

光标选中"版本"选项后按OK键可查看当前设备版本号。

8.快捷键操作

按键对应多种操作功能,按击或长按可以实现不同的快捷操作。

① 休眠/电源键

按下电源键即可实现夜视仪的开机,在开机状态下长按电源键即可关机。在开机状态下按击休眠键可以使夜视仪休眠待机/唤醒。



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17>曝光补偿

选中"曝光补偿"后按"OK"键呼出子菜单。子菜单可选"+2.0","+5/3","+4/3","+1.0","+2/3","+1/3","+0.0","-1/3""-2/3","-1.0","-4/3","-5/3","-2.0",确认后实现相应的曝光补偿。

18>语言

按"+或"-键移动光标到语言菜单选项,按菜单键选择系统语言,选择好后按OK键保存后退出。

19>日期/时间

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"-键调整年份后按OK键确定并跳转到月份设置,按照上述操作,依次对月份、日期、小时、分钟、秒数、日期显示格式进行修改,确认后按菜单键退出。

20>格式化

选中"格式化"后按OK键呼出子菜单。子菜单可选择"取消"或"确认",确认后提示将删除所有数据,请谨慎选择确认,删除后数据无法恢复!

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①.放大(+)/播放键

单次按击实现放大变倍,长按打开内存卡内的视频文件,在视频目录界面按"+或"-切换视频,按OK键播放视频文件;在播放时按"+或"-实现视频的快进或快退;长按播放键即可退出到观察界面。

②.录像/OK/测距键

在运行界面按下测距键即可开启/关闭测距功能,长按录像键即可开启/关闭录像,在菜单模式下按OK键进行选择确认。(测距时请勿挡住测距模块)

③.IR/模式切换/(-)键

长按IR键实现黑白/彩色模式的切换,黑白模式下按IR键实现补光灯"关闭、IR1、IR2、IR3"的切换。

④.菜单/红点指示(PIP)键

单次按击菜单键可呼出菜单界面,再次按击即退出菜单界面;长按红点指示键即可实现红点指示灯的开关(当设置了打开PIP快捷键模式时,长按即实现开启或关闭画中画功能),

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技术参数

型号	NV008S	测距范围	/	尺寸 (mm)	182*70*53.5
	NV008S-LRF		3.5-1200m		182*71.5*53.5
重量	415g	红外波长	850nm	红外功率	5w
	445g				
录像格式	AVI	存储类型	TF 卡	使用时长	8h(max)
电压	3.7V	调焦范围	3cm-∞	传输方式	WiFi
录像分辨率	1920*1080	放大倍率	6.5x-13x	红外射程	350m
目镜分辨率	1024*768	帧 频	30fps	电 池	18650x1

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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

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。

声明：我司为用户获得最佳使用体验，已为该系列产品配备原装夹具，建议使用我司原装夹具与您的器械进行搭配。若搭配其他夹具，可能在调整机器归零时存在些许偏差，我司也已在产品包装中提供了2块小金属板，供用户安装在导轨上作为调节。如果您在安装设备时遇到任何问题，请咨询我司售后。

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PRODUCT INSTRUCTION

Shenzhen Pard Technology Co.,Ltd

PARD
Digital night vision

NV008S



Standard Version

—1—

PARD
Digital night vision

NV008S-LRF



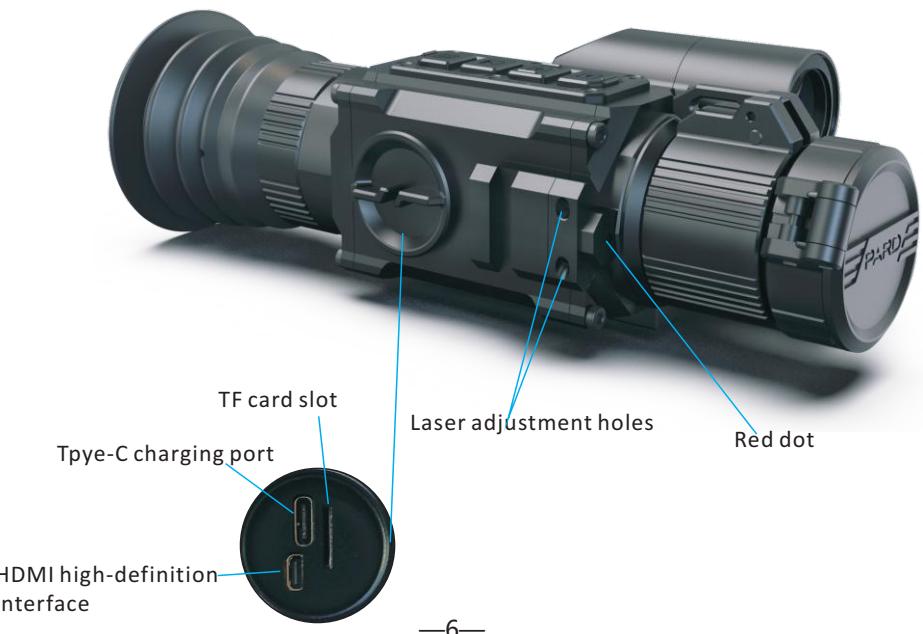
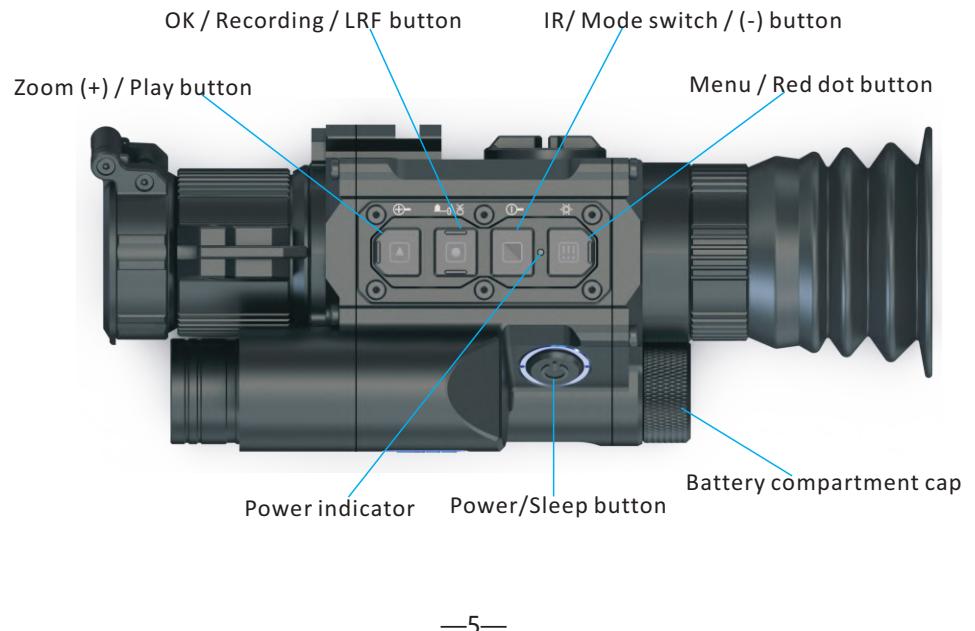
Rangefinder Version

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Notes

1. Don't 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. Don't 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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Package Contents

The packaging contains a night vision optics with the following:

- | | |
|---------------------------|---------------|
| NV008S/NV008S-LRF; | Type-C cable; |
| Hex-nut wrenches; | Mount; |
| 18650 3.7V Li-ion battery | carrying box |

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

Installation

1. Battery installation

Remove battery compartment cap and insert a 18650 3.7V Li-ion battery with its positive polar towards to the direction inward. Then put the cap back and screw it tightly. (Fail to do so may result in restarting!)

2.Adjustments

Rotate and adjust the eyepiece dioptre adjustment ring until you can see the four-character icon on the screen (there's no need to see a clear image), then rotate the Objective lens adjustment ring until you can see the target clearly. Next, switch to different modes, test IR, Red dot and Rangefinder to check the function of the device.

3. Mount Installation

There are five mounting holes in the base of the device. Attach the mount to the base of the device by using a hex-nut wrench and screws. The mount can be installed in multiple rails.

Instructions

1.Turn On/Off:

Turn on the device with a short press of Power button.Turn off the device with

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rotate and adjust the objective lens ring until you get a clear and well-focused image.

5.IR Fill Light Control

Turn on the device, enter black and white mode with a long press of IR button. Switch to IR level 1-3 or off with a short press of IR button. The part of fill light is stretchable which can be twisted out or back to make an quick adjustment.

6.Red Dot Adjustment

Turn on the device, then turn the laser on/off with a long press of Laser/Menu button. The position of laser can be adjusted on the laser adjustment holes by a hex-nut wrench.

7.Menu operation

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

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a long press of Power button. Power indicator will keep light when the device is turned on.

2.Sleep Mode:

Enter sleep mode with a short press of Power/Sleep button when the device is on. Power indicator will keep light when the device enters sleep mode.

3.The Eyepiece Dioptre Adjustment

The purpose of dioptre adjustment is to get a clear image for users with different vision. Rotate and adjust the dioptre adjustment ring until you get a clear view of the four-character icon on the screen. One adjustment only for each eye.

(Please note that the image is not clear normally without the adjustment of objective lens.)

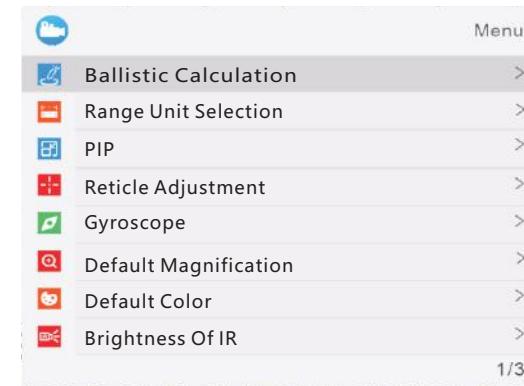
4.The Objective Lens Adjustment

Make sure the eyepiece dioptre adjustment is finished. Aiming at your target,

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1>BC Setting (Ballistic Calculation)

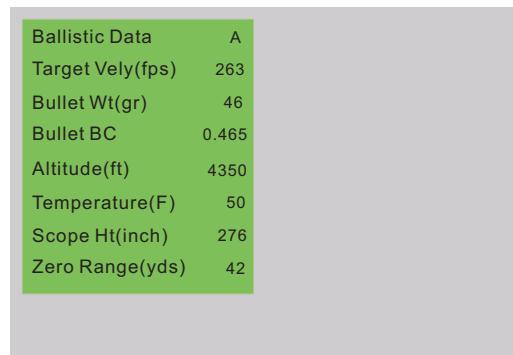
Enter the BC Setting by a press of OK button, then press "+" or "-" button to switch among ballistic calculation Parameters/ON/Off options. Confirm your selection with a short press of OK button.



After entering the ballistic calculation parameter setting, press the menu/ok button to move up and down to select sub-options and +/- button to adjust the

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value of them. (support to save 5 groups of ballistic data in this devices. After selecting A-E bullet data, adjust the values of Target Vely, Bullet weight, Bullet BC, Altitude, Temperature, Scope Ht and Zero Range accordingly). To save and return to the observation interface by a long press of the menu button.

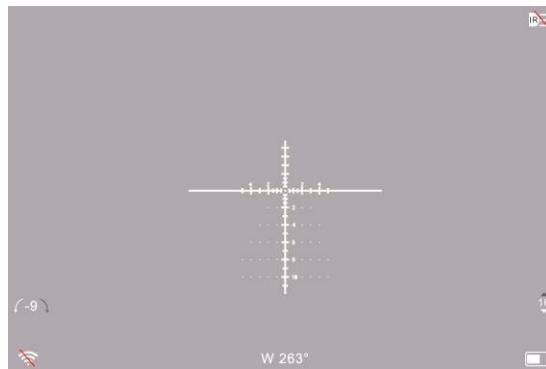


2>Range Unit Selection

Enter the submenu range unit selection with a short press of OK button. Select "Meter" or "Yard" with a short press of +/- button. Confirm your selection with a short press of OK button.

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"Calibration". Enter "Calibration" by a short press of OK button. Keep the machine level and stand still for about 8 seconds to complete the calibration.



6>Default Magnification

Enter the submenu Default Magnification with a short press of OK button. Select "6.5x" or "13x" as default magnification and confirm your selection with a short press of OK button.

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3>PIP (Picture-in-Picture)

Enter the submenu PIP mode with a short press of OK button. Select "off, on, shortcut key off or shortcut key on" with +/- button. Confirm your selection with a short press of OK button.

Once the shortcut key of PIP is turned on, enter or exit PIP mode with a long press of Menu button.(Laser function can not work in this situation)

4>Reticle Adjustment

Enter the submenu reticle adjustment with a short press of OK button. Select options with a short press of OK button and adjust value with short press of +/- button.

To confirm your setting by enter "Save" with a short press of "+" button or cancel with a short press of "-" button, then press OK button to confirm and exit.

6.5x A X:0 Y:0 Style Color Save

5>Gyroscope

Enter the submenu Gyroscope with a short press of OK button. Select "Display" or "Calibration" with a short press of +/- button. Select "On" or "Off" to turn on/off the gyroscope after entering "Display". Turn on the gyroscope before you select

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7>Default Color

Enter the submenu Default Color with a short press of OK button. Select "Color" or "Black & White" mode with a short press of +/- button, then confirm your selection with a short press of OK button.

8>Brightness Of IR

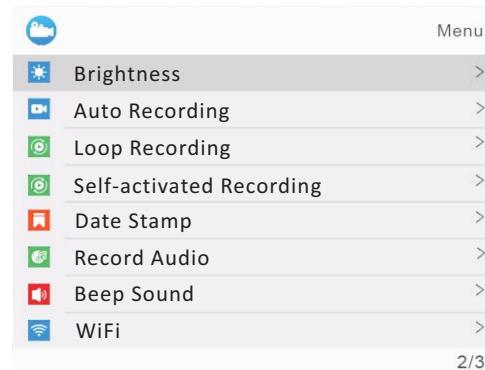
Enter the submenu Brightness of IR with a short press of OK button. Select "Off", "1", "2", or "3" with a short press of +/- button. Confirm your selection with a short press of OK button.

Please note this setting is for the default brightness of IR. Pressing IR button under Black & White mode for instant setting of IR brightness.

9>Brightness

Enter the submenu Brightness with a short press of OK button. Select "LEVEL 0", "LEVEL 1", "LEVEL 2", "LEVEL 3" or "LEVEL 4", "LEVEL 5", "LEVEL 6" with a short press of +/- button. Confirm your selection with a short press of OK button.

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10>Auto Recording

Enter the submenu Auto Recording with a short press of OK button. Select "Off" or "On" with a short press of +/- button. Confirm your selection with a short press of OK button.

11>Loop Recording

Enter the submenu Loop Recording with a short press of OK button. Select

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14>Record Audio

Enter the submenu record audio with a short press of OK button. Select "Off" or "On" with a short press of +/- button. Confirm your selection with a short press of OK button. This setting is to realize an audio or a silent video.

15>Beep sound

Enter the submenu beep sound with a short press of OK button. Select "Off" or "On" with a short press of +/- button. Confirm your selection with a short press of OK button. This setting is to choose whether the keyboard press sound will be recorded into the video or not.

16>WiFi

Enter the submenu WiFi with a short press of OK button. Select "Off" or "On" with a short press of +/- button. Confirm your selection with a short press of OK button. Exit WiFi with a long press of Menu button. (**The Menu page can not be opened while WiFi is turned on**)

The default user name and password of WiFi are PARD and 12345678. The corresponding APP is available on PARD official website(www.pard.com).

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"Off" , "3 minutes", "5 minutes" or "10 minutes" with a short press of +/- button. Confirm your selection with a short press of OK button.

12>Self-activated Recording

Self-activated Recording means device will keep recording at background, every 20 seconds as an interval. Once it "sensed" a rifle shooting, the 20 seconds video where the moment of shooting happens will be automatically saved in TF card.

Enter the submenu Self-activated Recording with a short press of OK button. Select On/Off with a short press of +/- button and confirm your selection with a short press of OK button.

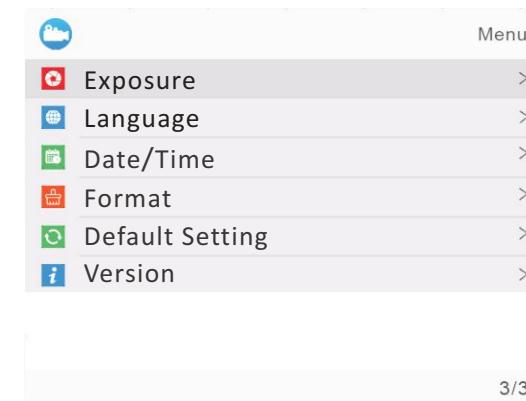
13>Date Stamp

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

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17>Exposure

Enter the submenu exposure with a short press of OK button. Select one of the options with a short press of +/- button. Confirm your selection with a short press of OK button.



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18>Language

Enter the submenu Language with a short press of OK button. Select one of the options with a short press of +/- button. Confirm your selection with a short press of OK button.

19>Date/ Time

Enter the submenu "Date/Time" with a short press of OK button. Select one of the options with OK button. Set value for 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 a short press of Menu button.

20>Format

Enter the submenu "Format" with a short press of OK button. Select "Cancel" or "OK" with a short press of +/- button. Confirm your selection with a short press of OK button.

Please be careful, the data can not be recovered after the device is formatted.

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①.Zoom(+)/ play button

Zoom in or out with a short press of zoom button. Open or close the video file in memory card with a long press of zoom button, select videos by press +/- button, confirm the video by press OK button. Fast forward or rewind the video by press +/- button when the video is playing.

②.OK / Recording / LRF button

Turn on/off rangefinder with a short press of LRF button on running interface. Turn on/off record with a long press of recording button.

③.IR/ Mode switch (-) button

Switch between black and white/color mode with a long press of IR button. Pressing IR button under Black & White mode for instant setting of IR brightness.

④.Menu/ Red dot button

Turn on or off the red dot with a long press of red dot button. (This function will not work under PIP shortcut key mode.) Enter or exit the menu page with a short press of menu button.

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21>Default Setting

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

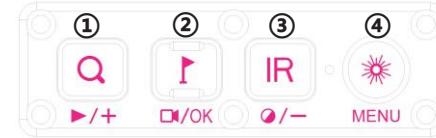
22>Version

Press "OK" after the "Version" option is selected by the cursor to check the current version number of the device.

8.Shortcuts

① Power/Sleep button

Turn on the device with a short press of power button, turn off the device with a long press of power button. Enter or exit sleep mode with a short press of sleep button.



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Specifications

Model	NV008S	Ranging range	/	Dimension (mm)	182*70*53.5
	NV008S-LRF		3.5-1200m		182*71.5*53.5
Magnifying power	6.5x-13x	IR wave length	850nm	Weight	415g
Output type	AVI	Storage type	T F Card	Battery life	8h(max)
Voltage	3.7V	Focusing	3cm-∞	Transmission method	WiFi
Video resolution	1920*1080	IR power	5w	IR illuminate distance	350m
Eyepiece resolution	1024*768	Frame rate	30fps	Battery	18650x1

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Warranty Card

Product model: _____
Product code: _____
Date of purchase: _____
Warranty period: _____
User Name: _____
User's phone: _____
User address: _____
Warranty records: _____

REMARK :

PARD has an original mount included in the NV008S/NV008S-LRF standard package. In order to have the best usage experience, we highly recommended users make use of PARD original mount when apply the device to your rifles.

If users want to use their own mount, there may be some variance when zeroing the machine normally. PARD provides 2 pieces of small metal plates in the product package, for users put at the rail to adjust the horizontal level when mounting SU/SU-LRF on.

PLEASE CONSULT OUR ONLINE CUSTOMER SERVICE IF YOUR HAVE ANY PROBLEM WHEN MOUNTING OUR DEVICES AT YOUR ORIGINAL RIFLE RAIL.

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Warranty

This product is warranted against defects in materials and workmanship for a period of three years from the date of purchase.

Notice::

Attempts to disassemble or repair the device without authorization will void the warranty. Please contact with the factory in time if there is anything wrong.

The warranty does not cover damage caused by human factors, accident, misuse of the product including use in abnormal working conditions, failure to follow the instructions. No warranty is offered for products which have gone beyond the period of warranty.

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