

PARD



Digital Night Vision  
DS3x Series  
User Manual





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## TO USERS

Thank you for your continued support and for choosing PARD DS3x series night vision device. Please read this manual carefully before using the device for the first time. Please follow the instructions in this manual to avoid any damage caused by improper use and to ensure that your device operates properly.

After reading, please keep this manual in a safe place, for future reference. This manual provides step-by-step instructions on how to use your night vision device and is intended for your reference only.











PARD reserves the right to amend this manual at any time without prior notice to individual users. For the most up-to-date information, we recommend visiting PARD's official website. PARD reserves the final right of interpretation of this manual.

## PRECAUTIONS

- Please remove the insulating tape before using the battery for the first time. It is recommended to use a fully charged lithium-ion battery with a rated voltage of 3.7V.
- When not in use, always turn off the device. If you are not going to use the device for more than 10 days, please remove the battery and store it in a safe place.
- Use extreme caution and care when using or transporting the device. It is recommended that original packaging be used during transportation.
- To avoid eye damage, avoid staring directly into the infrared fill light from a close distance!
- When this product's IR infrared light is turned on, it will use a large amount of energy. Aiming at flammable objects up close is absolutely prohibited because doing so could start a fire. Please go into sleep mode or turn off the IR infrared fill light when not in use.
- Avoid scratches and damage to the lens caused by oil or chemical contamination. When not in use, keep the lens cap on.
- The device should be stored in a cool, dry, ventilated environment free of strong electromagnetic fields, with temperatures no lower than (-5°F/-20°C) and no higher than (120°F/50°C).

- Do not disassemble the device without authorization. If you encounter any problems, please contact our after-sales team and report them on our official website. Failure to do so will render the warranty service null and void.

## PACKAGE CONTENTS

Icon	Contents	Quantity
	Night vision device	1
	3.7V 18650 Rechargeable lithium-ion battery	1
	Protective case	1
	Type-C cable	1
	30mm Standard mount rings	2
	Allen wrench	3
•	IR replacement screw (IR version only)	1
	Cloth	2
	Rubber eye cup	1
	Quick start guide/User's manual	1
	After sales card	1

## DESCRIPTION & KEY FEATURES

The DS3x has a traditional day scope exterior, but it is a multifunctional day and night scope with cutting-edge technology. DS3x stays one step ahead of the competition by being the first to use a new 800 x 800 Circular LTPS display. This results in higher picture resolution when combined with a highly sensitive CMOS 0.001 low lux image sensor. Users can select a resolution of 2560 x 1440 (2K) or 1920 x 1080. With a ballistic calculator and a 1200yds LRF, users can improve their accuracy and hunt smarter with smart technology.

### Key features

- 1 800\*800 Circular LTPS display, first in the world
- 2 Image shift zero
- 3 Ballistic calculator
- 4 Patented focus-free lens cap
- 5 Long eye-relief display system (LEDS)
- 6 350m Adjustable IR fill light
- 7 1200yds laser rangefinder
- 8 Self-activated recording
- 9 Completely new UI
- 10 4 Image modes (color, black and white, green and yellow)
- 11 Multi-functional control knob
- 12 50/70mm Optional objective lens
- 13 WiFi
- 14 IP67 Waterproof
- 15 6000J Recoil resistance

# SPECIFICATIONS

Model	DS33	DS35
<b>Sensor</b>		
Resolution(px)	1920*1080	2560*1440
Pixel size(um)	2.9	2.9
Sensitivity(lux)	0.001	0.001
Frame rate(fps)	30	30
Image engine	PARD VLEA	PARD VLEA
<b>Optics</b>		
Objective lens	50mm F2.4 / 70mm F2.4	50mm F2.4 / 70mm F2.4
Optical magnification(x)	5/7	4/5.6
Digital zoom(x)	2	2
Field of view (HxV) Horizontal	3.6°/2.6°	4.8°/3.4°
Field of view (HxV) Vertical	3.6°/2.6°	4.8°/3.4°
Field of view (HxV) Diagonal	5.1°/3.6°	6.8°/4.8°



Model	DS33	DS35
Focus range	5m-∞	5m-∞
Eye relief(mm)	100	100
Exit pupil(mm)	10	10
<b>IR Illuminator</b>		
IR type	VCSEL	VCSEL
IR power(W)	5	5
IR illuminating level	3 levels	3 levels
IR distance(m)	350	350
IR wavelength(nm)	850/940	850/940
<b>Display</b>		
Type	IPS LCD	IPS LCD
Resolution(px)	800*800	800*800
Reticle style	6	6
Reticle color	white/yellow/green	white/yellow/green
Color mode	Color/Mono BW/Mono Green/Mono Yellow	Color/Mono BW/Mono Green/Mono Yellow

Model	DS33	DS35
<b>Photo / Video</b>		
Photo resolution(px)	1920*1080	2560*1440
Photo format	JPG	JPG
Video resolution(px)	1920*1080	1920*1080
Video format	MP4	MP4
Storage	TF card(128GB)	TF card(128GB)
<b>Main Function</b>		
LRF detection range	5-1200yds(LRF version)	5-1200yds(LRF version)
<b>Power Supply</b>		
Battery type	Lithium Ion18650	Lithium Ion18650
Output voltage(V)	3.7	3.7
Operating time(h,max)	8	8
External power supply(V)	USB Type-C	USB Type-C
<b>Environmental Characteristic</b>		

Model	DS33	DS35
Degree of protection	IP67	IP67
Operating temp(°C/°F)	-20°C – 50°C ~ -5°F-120°F	-20°C – 50°C ~ -5°F-120°F
Recoil power(J)	6000	6000
Material		
Housing	Aluminium Alloy	Aluminium Alloy
Measurement		
Product dimension (L x W x H, mm)	350*88*95(w/o long eyepiece) 410*88*95(w/ long eyepiece)	350*88*95(w/o long eyepiece) 410*88*95(w/ long eyepiece)
N.W/pcs (with/without battery, g)	680(w/o battery) 725(w/ battery)	680(w/o battery) 725(w/ battery)

# COMPONENTS & CONTROLS



NO.	Name	No.	Name	No.	Name
①	Lens cap	⑦	Battery compartment	⑬	Type-C charging port
②	Objective lens	⑧	Control knob	⑭	HDMI port
③	Focus lever	⑨	Power/Sleep button	⑮	TF card slot
④	Laser rangefinder (only for LRF version)	⑩	Diopter adjustment ring	⑯	Focus-free lens cap switch
⑤	IR light (only for IR light version)	⑪	Button panel	⑰	Power indicator
⑥	Battery cap	⑫	Eyepiece lens	⑱	Rubber eyepiece

## INSTALLATION

### 1. Unboxing

Before using this device, please do the following:

- ① Open the box and remove the device.
- ② Check to ensure that the package contents listed above are all included in the box.
- ③ Check the device for any damage to the display, body, lens, buttons, etc.
- ④ Make sure that the objective lens and eyepiece are clean & functioning properly.

**Note:** If any accessories are missing or damaged, please contact our after sales service at once.

### 2. Battery installation and startup

The battery installation steps are as follows:

2.1 Unscrew the battery cap counterclockwise and remove the battery.



2.2 Remove the insulating tape.



2.3 Insert the battery, ensuring that the positive (+) side goes in first and tighten the battery cap clockwise.



2.4 To turn on the device, press and hold the power button for about 3 seconds. (When the power light illuminates and the PARO Logo appears on the screen, the device is ready for use.)



#### Note:

- 1 Please use a single 18650 rechargeable lithium-ion battery rated 3.7V voltage.
- 2 Do not put battery into fire.
- 3 Do not put device into water when the battery cap is open.
- 4 Do not disassemble the device without authorization.
- 5 Do not pierce the device with sharp objects.
- 6 Battery should be kept out of reach of children, and the positive and negative terminals of the battery should be installed correctly.

### 3. Mount installation

To ensure the best user experience, we highly recommend using our original mount included in the product packaging.



- 1 Take out the night vision device, two scope rings and an Allen wrench out of the box.
- 2 Use the Allen wrench to unscrew the ring tops, and loosen the screws on the bottom half of the mount.
- 3 Attach the bottom half of your rings to the rail.
- 4 Tighten the screw on the rear mount to your rail to the desired position.
- 5 Place the scope in the scope rings. The scope should slide with minimum resistance.
- 6 Install the ring tops and tighten down the screws and make sure the scope stays level.

## 4. Diopter focusing

Diopter focusing is used to adjust users with different levels of corrected vision to clearly see the content displayed on the screen as shown in picture 1.

- 1 After powering the device, rotate the diopter focusing wheel so that you can see the screen clearly.
- 2 As long as you can clearly see the crosshair and text on the display, the diopter focusing setting has been completed.

Note: The image may not seem clear after diopter adjustment, as the objective lens still needs to be focused.



Picture 1



Picture 2

## 5. Objective lens focusing

- 1 Before you focus the objective lens, ensure that the diopter focusing has been completed.
- 2 Aim at the target and adjust the objective focusing wheel until you can see the target image clearly as shown in picture 2.



## 6. Compass calibration

After the eyepiece is focused, please use the "figure 8 pattern method" to calibrate the electronic compass. Users are required to tilt and move the device in a figure 8 motion until the compass is calibrated as shown below in picture 3.



Picture 3

## 7. Image shift zero

- 1 Set the target at the zeroing distance so that the device can obtain a good image as shown.
- 2 Select the zero setting submenu - please refer to the reticle adjustment option in the menu operation mode for specific steps.
- 3 Fire a 1st shot after focusing on the image, ensuring that you can see a clear point of impact on the screen after the shot has been taken.
- 4 Keep the scope in a stable position after shooting, and then press the [knob] to move the cursor to the "X" and "Y" items. Rotate the [knob] to freeze the screen and adjust the values of "X" and "Y" until the point of impact on the display screen is moved to the center point of the reticle.

- 5 To save and exit - set the "Save" item to "Y", after the setting is completed, press and hold [Key 1] to save and exit. The actual point of impact is moved to the center point of the reticle (the reticle is always at the center of the screen, which can maximize the use of the whole observation field).

**Note:** The first item in the sub-menu represents the saved "zero" setting, there are five profiles A-E. The "X" and "Y" values represent the corresponding display positions of the crosshairs. "Style" represents the corresponding reticle type. "Color" represents the corresponding color of the reticle.

## OPERATION INSTRUCTION



## 1. Shortcut Mode



Knob (Key1)	<b>Rotate counterclockwise</b>	<b>Rotate clockwise</b>	
	down/-/hide homescreen icons	up/+/zoom	
	<b>Single press</b>	<b>Press and hold</b>	<b>Double press</b>
	quick menu/ok	full menu	PIP

	<b>Single press</b>	<b>Press and hold</b>	<b>Double press</b>
Key2	IR light adjustment	switch black & white/color mode	-
Key3	take a photo	record video	files
Key4	LRF/ballistic calculator/back	WiFi	-

# Explanation

## Key 1

### 1. Single press:

- ① Home screen mode: press [Key 1] to enter the shortcut menu to access the following functions (ballistic calculator, range unit selection, reticle adjustment, default magnification, default color and display brightness).
- ② Menu mode: press [Key 1] means confirm.

### 2. Press and hold:

Home screen mode: press and hold [Key 1] to enter the full menu.

### 3. Double press:

Home screen mode: double press [Key 1] to turn on/off the picture-in-picture function.

### 4. Rotate counterclockwise:

- ① Home screen mode: turn the [knob] counterclockwise to hide/show homescreen icons.
- ② Menu mode: rotate the [knob] counterclockwise to scroll down between menu options. In the parameter setting interface under the sub menu, rotate [knob] counterclockwise to decrease the values.

### 5. Rotate clockwise:

- ① Home screen mode, rotate [knob] clockwise to switch the magnification.
- ② Rotate the [knob] clockwise in the menu option interface to switch menu options upward. In the parameter setting interface under the sub menu, rotate [knob] clockwise to increase the values.

**Note:** The knob has slow rotate (Step 1)/fast rotate (Step 2).

## Key 2

### 1. Single press:

Home screen mode: press [Key 2] to turn on the first, second and third level of brightness of the IR light (you need to enter the black and white mode before you can perform this operation).

### 2. Press and hold:

Home screen mode: press and hold [Key 2] to switch between black and white/color mode.

## Key 3

### 1. Single press:

Home screen mode: press [Key 3] to take a photo.

### 2. Press and hold:

Home screen mode: press [Key 3] to record a video. Press and hold [Key 3] again to save the video and exit.

### 3. Double press:

Home screen mode: double press [Key 3] to enable the playback function. After entering this interface, the video and picture files in the memory card will be displayed.

- ① Rotate the [knob] to switch between files.
- ② Press [Key 1] to play/pause the saved videos.
- ③ When playing videos, rotate the [knob] to fast forward or rewind 2x/4x/8x times.
- ④ Press [Key 4] to access the following settings.

#### 1)Delete:

- Delete Current
- Delete All

## 2)File Protection:

- Lock Current
- Unlock Current
- Lock All
- Unlock All

## 3)Slide Show:

- Two seconds
- Five seconds
- Eight seconds

⑤ Press and hold the [Key 4] to return.

## Key 4

### 1. Single press:

① Home screen mode:

- Press [Key 4] to start the range detection function (For LRF version, the distance will be measured and displayed automatically. For non LRF version, the distance is not measured automatically and will display "[0]m or [0]yds". You need to manually input the target distance value by rotating the knob).
- Press [Key 4] a second time to turn on the ballistic indicator (when the ballistic calculator is turned off, the range indicator is turned off).
- Press [Key 4] a third time to turn off the ballistic indicator; (when the ballistic calculator is turned on) .

② In menu mode, press [key 4] to return to the previous page.

### 2. Press and hold :

Home screen mode, press and hold [Key 4] to turn on/off the WiFi function.

Please note: When the WiFi is turned on, you cannot access the menu. Press and hold the [Key 4] to turn off the WiFi and then enter the menu interface.

## 2. Menu Mode

Home screen mode: press [Key 1] to enter the shortcut menu mode and press and hold [Key 1] to enter the full menu setting mode to set various function options(the shortcut key function is invalid at this time).



Picture 5



Picture 6



Picture 7



Picture 8



## 1. Ballistic calculator:

The ballistic algorithm can quickly calculate quick bullet trajectories and give you a precise aiming point enabling you to accurately place your shot. The device supports five profiles allowing you to use the scope on multiple rifles.

- ① Rotate the [knob] to move the cursor to the ballistic calculator setting option, press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select "parameters" or "on/off" and then press [Key 1] to save or enter.
- ③ After entering the ballistic calculator parameters sub-menu, press [Key 1] to scroll up or down and select the parameters option you want to change.
- ④ Rotate the [knob] to adjust the value of the corresponding parameter.

### Parameter settings guide:

- **Ballistic data:** There are 5 sets of ballistic data profiles (A-E) that can be saved.
- **Velocity:** is the measurement of bullet travel speed after it is fired from your rifle, expressed in "meters per second" (m/s) or "feet per second" (f/s), which can be measured by using professional testing equipment.
- **Bullet Wt:** refers to the weight of the bullet, expressed in "grams" (g) or "grains" (gr), which can be obtained from the manufacturer's specifications of the bullets purchased.
- **Bullet ballistic coefficient:** is a measure of the bullet's ability to overcome air resistance in flight. Data can be obtained from the manufacturer's specifications of the bullets purchased.
- **Altitude:** refers to the altitude of the location, expressed in "meters" (m) or "feet" (ft), which is one of the important indicators affecting air density in ballistic calculation, which can be measured by using professional testing equipment.
- **Temperature:** refers to the local temperature, expressed in "Celsius" (°C) or "Fahrenheit" (°F), which is also one of the important indicators affecting air density in ballistic calculation, which can be measured by using professional testing equipment.

- Scope Ht: refers to the height difference between the optical axis of the sight and the barrel, expressed in "millimeters" (mm) or "inches" (inch), which can be measured by using professional testing equipment.
  - Zero range: refers to the unit distance expressed in "meter" (m) or "yard" (yard), usually set to 100m or 100yds, users can adjust according to their own preferences.
  - Point Shape and Color: rotate the [knob] clockwise to enter the shape and color setting interface. Press [Key 1] to switch between shape options and color sub-options. Rotate the [knob] to select the desired shape and color. There are three shape options as well as yellow/green/blue color options. Press [Key 4] to confirm and return to the previous page.
- ⑤ After adjusting your preferred settings, press and hold [Key 1] to save and return to the home screen. Press and hold [Key 4] to exit without saving.

**Note:** By setting the "meter" or "yard" in the range unit selection sub-menu, the metric or imperial units of the parameters related to the ballistic calculator will be updated automatically.

## 2. Range unit selection :

Users can switch between "meter" or "yard" and the range unit can be updated instantly to meet the user's preference.

- ① Rotate the [knob] counterclockwise to move the cursor range unit selection option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to choose between "meter" or "yard", then press [Key 1] to save and return to the previous page.

## 3. Picture in picture :

The top center of the display can show a 2x magnified picture to improve aiming visibility, allowing you to see magnified target details without losing the field of view.

- ① Rotate the [knob] counterclockwise to move the cursor to the PIP setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select “PIP OFF” or “PIP ON”.
- ③ Press [Key 1] to save and return to the previous page.

## 4. Reticle adjustment :

- ① Reticle Adjustment refers to aligning the reticle with the point of impact at a zeroing distance, so that the position of the aiming point at this specific distance corresponds with the point of impact of the bullet.
- ② Rotate the [knob] counterclockwise to move the cursor to the reticle adjustment setting option. Press [Key 1] to enter the sub-menu interface.

Press [Key 1] to switch sub-menu options. Rotate the [knob] to adjust the value of the corresponding item.

- The first letter represents the crosshair storage type (there are 5 profiles A-E).
  - X represents the x axis of the cross line.
  - Y represents the y axis of the cross line.
  - Style corresponds to the crosshair type (6 options available).
  - Color corresponds to the color of the cross line (red/white/yellow/green).
  - Under the Save option, "Y" means to SAVE, and "N" means DO NOT SAVE.
- ③ After selecting your preferred settings, press and hold [Key 1] to confirm, save and return to the home screen.

## 5. Gyroscope :

This function measures the orientation of the device so that the yaw and pitch angles of the device can be displayed and calibrated.

- ① Rotate the [knob] counterclockwise to move the cursor to the gyroscope setting option, and press [Key 1] to enter the sub-menu.

- ② Rotate the [knob] to select "Display" or "Calibration", and then press [Key 1] to enter.
- ③ "Display" indicates whether (or not) to display the yaw and pitch angle of the device on the home screen. Rotate the [knob] to select "Off" or "On", and press [Key 1] to save and return to the menu.
- ④ "Calibrate" means to enter the calibration state. After selecting, please place the device on a horizontal plane surface, and press [Key 1] to perform automatic calibration. After calibration, the device will automatically return to the home screen.

## 6. Default magnification :

After turning on the device, users can use this function to select the default magnification ratio.

- ① Rotate the [knob] counterclockwise to move the cursor to the default magnification setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select the default magnification you want, and then press [Key 1] to save and return to the previous page.

## 7. Default color :

There are 4 built-in color modes, "Color"/ "Black & White"/ "Yellow" and "Green". Users can choose their preferred color settings.

- ① Rotate the [knob] counterclockwise to move the cursor to default color setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select "Color"/ "Black & White"/ "Yellow" and "Green", and then press [Key 1] to save and return to the previous page.

## 8. Brightness of IR :

Users can choose the level of brightness of IR settings.

- ① Rotate the [knob] counterclockwise to move the cursor to the brightness or IR setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select "Off", "1", "2", "3" and then press [Key 1] to save and return to the previous page.

## 9. Display brightness:

Users can choose their preferred brightness settings.

- ① Rotate the [knob] counterclockwise to move the cursor to brightness setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select from "Level 0" to "Level 6", and then press [Key 1] to save and return to the previous page.

## 10. Auto power off:

The auto power off function allows the device to automatically power down after being idle. This setting will still be enabled after the next startup.

- ① Rotate the [knob] counterclockwise to move the cursor to select the auto power off setting, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select "Off", "One minute", "Ten minutes" or "Thirty minutes" duration options. After selection, press [Key 1] to confirm and save, and return to the previous page.

**Note:** After selecting your preferred time duration, the device will sense the last point of operation before beginning the shutdown. Shutdown will not start immediately after imputing the time, but will start after the device has been idle then it automatically triggers the shutdown command.

## 11. Auto recording:

After auto recording is on, device will start recording and continue to record after the next startup.

- ① Rotate the [knob] counterclockwise to move the cursor to the auto recording setting option and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select "Off" or "On" options, press [Key 1] to save and return to the previous page.

## 12. Loop recording:

Users can customize the segment recording duration. This can be set up under loop recording. When the capacity of the memory card is full, the new recording will automatically overwrite the previous saved files. When you select "Off" the recording will stop when the memory card is full, and the oldest video file will not be overwritten.

- ① Rotate the [knob] counterclockwise to move the cursor to the loop recording setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select preferred loop time duration "Off", "Three minutes", "Five minutes" or "Ten minutes". After selection, press [Key 1] to save and return to the previous page.

## 13. Self-activated recording:

When the device detects recoil, the whole shooting process will be recorded in 20 second intervals. The incremental 20-second video footage will be saved on the TF card.

- ① Rotate the [knob] counterclockwise to move the cursor to the self-activated recording setting, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select "OFF", "ON" and "Impact Sensitivity" options.
- ③ After selecting "Off" or "On", press [Key 1] to save and return to the previous page.
- ④ After selecting "Impact Sensitivity", press [Key 1] to enter the sub-option menu of sensitivity level. Rotate the [knob] to select "Off", "Low", "Medium" or "High" mode. Press [Key 1] to save and return to the previous page.

## 14. Date stamp:

Users can set whether to display the time stamp in the lower right corner of photos and videos taken.

- ① Rotate the [knob] counterclockwise to move the cursor to the date stamp setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select “Off” or “On” options. After selection, press [Key 1] to save and return to the previous page.

## 15. Record audio:

User can set whether to record audio synchronously in the video.

- ① Rotate the [knob] counterclockwise to move the cursor to the recording audio setting option, press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select “Off” or “On” option, after selection, press [Key 1] to save and return to the previous page.

## 16. Beep sound:

Users can enable or disable the device key sound when an external HDMI display is connected.

- ① Rotate the [knob] counterclockwise to move the cursor to the beep sound setting option, press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select “Off” or “On” option, after selection, press [Key 1] to save and return to the previous page.

## 17. WiFi:

Through the WiFi connection, you can use your phone, PC or tablet as an external viewfinder enabling users to synchronously see the photos and videos on a larger screen.

- ① Rotate the [knob] counterclockwise to move the cursor to the WiFi setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select "On" or "Off" option. Select "Off", and return to the previous page. Select "On" to enable WiFi and return to the home screen.

**Steps to connect to your mobile device:**

- ① Download PardVision app from the Apple App Store or the Google Play Store.
- ② Turn on the WiFi on your device and on your mobile device.
- ③ Search the WiFi on your mobile device (the device WiFi network is a string of characters starting with PARD, which is a unique string of numbers). Please enter the password: 12345678 to connect.
- ④ Enter the application to operate and use.

**Note:** After the WiFi is turned on, you cannot access the menu. Press and hold [Key 4] to disable the WiFi and then enter the menu interface.

## 18. Exposure :

Users can choose their preferred exposure settings.

- ① Rotate the [knob] counterclockwise to move the cursor to the exposure setting and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to select your preferred option. Press [Key 1] to confirm your selection.

## 19. Language :

Users can choose their preferred language.

- ① Rotate the [knob] counterclockwise to move the cursor to the language setting option, press [OK] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select the desired language. After selecting, press [Key 1] to switch the



system language and return to the previous page.

## 20. Date/time :

The user can set the system date and time of the device.

- ① Rotate the [knob] counterclockwise to move the cursor to the date/time setting option, press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to adjust the setting date and time value, press [Key 1] to switch options, press [Key 4] to save and return to the previous page.

## 21. Format :

If users want to reformat the TF Card, it will delete all the data on the TF card permanently. Data cannot be recovered after reformatting. **Please operate with caution!**

- ① Rotate the [knob] counterclockwise to move the cursor to the format setting option, and press [Key 1] to enter the sub-menu.
- ② Rotate the [knob] to move the cursor to select "Cancel" or "OK" option. After selection, press [Key 1] to confirm the relevant operation and return to the previous page.

## 22. Default settings :

If users decide to reset the device, it will restore the device to the device's original operating system and delete all of the user data and all personalized settings in the device will be restored to the factory default settings. **Please operate with caution!**

- ① Rotate the [knob] counterclockwise to move the cursor to restore default setting option, press [Key 1] to enter the sub-menu.

② Rotate the [knob] to move the cursor to select "Cancel" or "OK" option. After selection, press [Key 1] to confirm the relevant operation and return to the previous page.

## 23. Version :

This function displays the device's version.

- ① Rotate the [knob] counterclockwise to move the cursor to the version option, press [Key 1] to enter the sub-menu to view.
- ② Press [Key 1] again to exit and return to the previous page.





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