



Pantera 256 Q

Thermal Imaging Scope



User Manual

Important Reminder

- 1 All PARD products are exclusively designed for civilian use and strictly prohibited for any military purposes.
- 2 All PARD products are not authorized for export to, including but not limited to Russia, Belarus, Palestine, Israel, Sudan, South Sudan, and other conflict zones.

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Introduction

Thank you for your continued support and for choosing PARD Pantera 256 thermal imaging scope. 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 multi-spectral digital camera and is intended for your reference only.

Please note that PARD reserves the right to update this manual without prior individual notifications. For the latest information and updates, we recommend you to visit our official website. Additionally, PARD reserves the final right of interpretation of this manual.

Precautions

- Please remove the insulating tape on the battery before first use. It is recommended to use a fully charged lithium-ion battery with a rated voltage of 3.7V.
- Please turn off the device and remove the battery when it's not in use for more than 10 days, and store the device & battery in a dry and safe place.
- Be extra cautious and handle the device with care during use or transportation. It is recommended to use the original packaging during transportation.
- Do not use the device to focus directly on strong sources of light such as the sun or electric welding. The detector may be damaged and it will void the warranty.
- Avoid lens scratches and damage caused by oil or chemical contamination of the lens. Keep the lens cap on when not in use.

- The device should be placed in a cool, dry, and ventilated environment without strong electromagnetic fields, and the storage environment temperature should not be lower than (-30°C/-22°F) or higher than (55°C/131°F).
- Please charge the device within a temperature range of 0°C to 45°C (32°F to 113°F).
- 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.
- **Attention!** All PARD night-vision and thermal imaging devices require a license when exported to outside your country.

Package Contents

Icon	Contents	Quantity
1	Thermal Imaging Device	1
2	3.7V 18650 Rechargeable Lithium-Ion Battery	1
3	Protective Case	1
4	Type-C Cable	1
5	Mount Rings	2
6	Allen Wrench	2
7	Lens Cleaner	2
8	Rubber Eye Cup	1
9	User's Manual	1
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Description & Key Features

The Pantera 256 is a compact, lightweight multifunctional thermal imaging device. The 12 μ m, NETD $\leq$ 25mK thermal imaging sensor can detect subtle differences in temperature giving you higher image solution and clarity. The device can be used during the day or night and is commonly used in nature observation, outdoor hunting, outdoor exploration, security and theft prevention, marine operations and night patrols. Moreover, equipped with a 1024*768 OLED screen this scope offers you exceptional optical clarity.

Key Features

- NETD $\leq$ 25mK
- Upgraded UI design
- Infrared Image Enhancement Algorithm (IREA)
- Intuitive control knob
- Recoil-activated recording
- WiFi
- IP67 rating
- 6000J recoil resistance

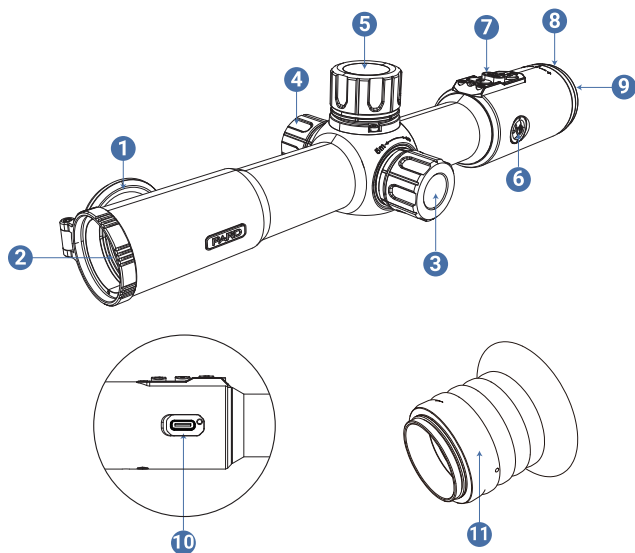
Specifications

Model		Pantera 256 Q
Classification		Thermal Imaging Scope
Sensor		
Type		Uncooled VOx(vanadium oxide)
Resolution(pixel)		256*192
Pixel size(μm)		12*12
NETD(mK)		≤25mK (0.025℃)
Frame rate(Hz)		50
Detection distance(m)		1200
Optics		
Objective Lens(mm)		25
Optical Magnification(x)		3.6
Digital Zoom(x)		2/4/6/8
Field of view	Horizontal	7°
	Vertical	5.3°
	Diagonal	8.8°
Field of view (m@100m)	Horizontal	12.3
	Vertical	9.2
Focus Range		5m-∞
Eye Relief(mm)		50
Diopter Adjustment(D)		-5~+5
Display		
Type		OLED
Resolution(pixel)		1024*768

Reticle Style	5
Reticle Color	Red/White/Yellow/Green
Scene Mode	City/Rain/Forest
Image mode	WT-HOT/BK-HOT/RD-HOT/ IN-HOT/SKY
Photo / Video	
Photo Resolution(pixel)	1024*768
Photo Format	.JPG
Video Resolution(pixel)	1024*768
Video Format	.mp4
Storage(GB)	Built-in EMMC (32GB)
Image Engine	Pard IREA
Main Function	
LRF	No
Ballistic Calculator	No
PIP	Yes
Hot Track	Yes
Gyroscope	Yes
Recoil-activated recording	Yes
Loop Recording	Yes
E-compass	Yes
Shutter	Mechanical Shutter
Microphone	Yes
Firmware Upgrade	Yes

Connections	
USB Tpye-C	Yes
HDMI Output	No
WiFi	Yes
Supported Apps	PardVision2
Power Supply	
Battery Type	Lithium Ion 18650*1
Output Voltage(V)	3.7
Operating Time(h)	≤6
External power supply(V)	Type-C
Environmental characteristic	
Degree of protection	IP67
Operating Temp(°C/°F)	-30 ~ +55 / -22 ~ +131
Recoil Resistance(J)	6000
Material	
Housing	Aluminum Alloy
Objective Lens	All-glass multi-coated lens
Measurement	
Product Dimension(L * W * H, mm)	295*82*70
N.W/pcs(with battery, g)	490

Components



No.	Name	No.	Name
1	Lens Cap	7	Keypad
2	Objective Lens	8	Diopter Adjustment Ring
3	Objective Focus ring	9	Eyepiece Lens
4	Battery cap	10	Type-C charging Port
5	Control knob	11	Rubber Eyepiece
6	Power/Sleep Button		

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.

2. Battery installation and startup

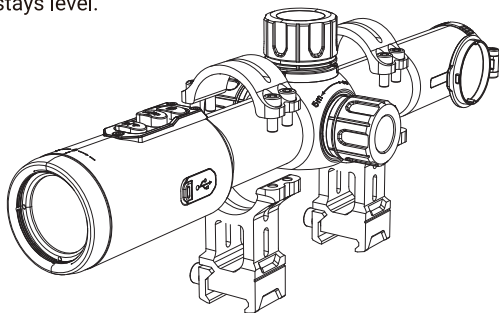
The battery installation steps are as follows:

- (1) Unscrew the battery cap button until it opens and remove the battery.
- (2) Remove the insulating tape.
- (3) Insert the battery, ensuring the correct positioning of the battery's positive and negative terminals and tighten the battery cap.
- (4) To turn on the device, press and hold the power button for about 3 seconds. (When the power light illuminates and the PARD Logo appears on the screen, the device is ready for use.)

3. Mount installation

To ensure optimal performance and user experience, we highly recommend using our original mount provided in the product packaging.

- (1) Open the box and take the thermal imaging scope, 2 mount and 1 Allen wrench;
- (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

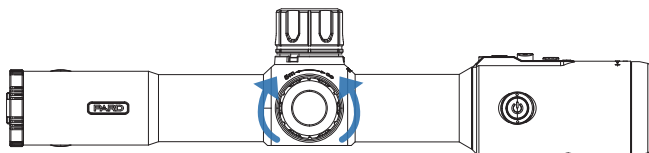
Diopter focusing is used to adjust users with different levels of corrected vision to clearly see the content displayed on the screen.

- (1) After power on the device, rotate the diopter focusing wheel until you can see the screen clearly.

- (2) Please note that the image may not be clearly visible before objective lens focus adjusted, only the wording and symbols on the display screen are clearly visible at this stage.

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 rotate the objective focusing knob until you can see the target image clearly.



Note: Focus range is 5m-∞. Rotate the objective focusing wheel clockwise to view distant targets and counterclockwise to view close targets.

6. Compass calibration

Users need to tilt and move the device in a figure 8 motion until the compass is calibrated.

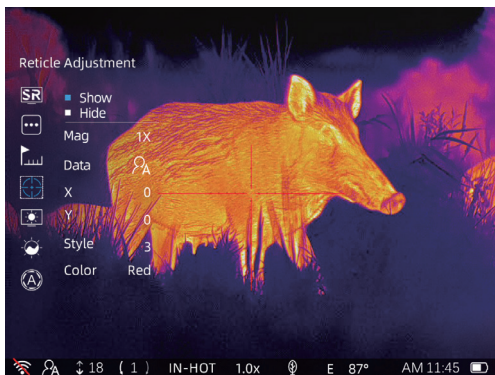


7. Zeroing (Retical Adjustment)

Reticle adjustment refers to aligning the reticle with the point of impact at a specific zeroing distance, ensuring that the aiming point corresponds accurately with the point of impact of the bullet.

Note: Press key 1 to enter the reticle adjustment setting option.

7.1. Interface Explanation

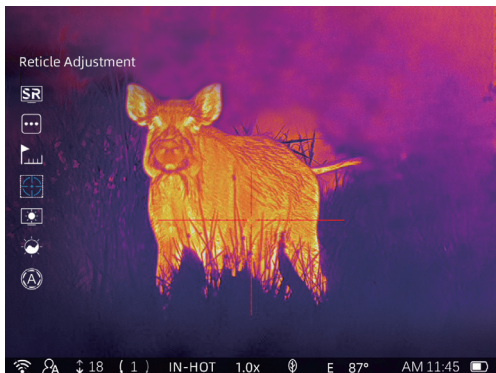


- “Show” and “Hide” key represents whether the cross line should be displayed or not.
- “Mag” represents the magnification rate.
- “Data” represents the saved “zero” setting, there are five profiles A-E.
- “X” represents the X axis of the cross line.
- “Y” represents the Y axis of the cross line.
- Style corresponds to the crosshair type (6 options available).
- Color corresponds to the color of the cross line (red/white/yellow/green).

7.2. Zeroing steps

1. Set the target: Set the target at the zeroing distance and ensure that the device can obtain a good image.

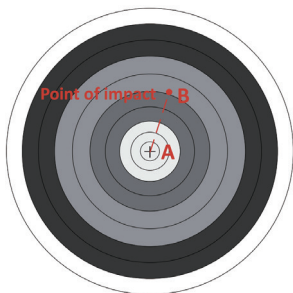
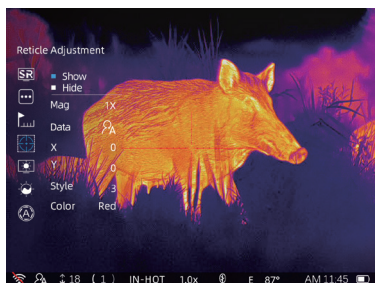
2. Enter to reticle adjustment (Zeroing page): In the home screen mode, press [Key 1] to enter the menu mode, and rotate the [knob] counterclockwise to move the cursor to the reticle adjustment setting option. Press [Key 1] to enter the sub-menu interface.



3. Magnification setting: After entering the zeroing page, rotate “Mag” item to choose the magnification from 1.0/2.0/4.0/6.0/8.0

4. Profile setting: Rotate “Data” items from A-E to create a new zeroing profile or edit an existing one.

5. Shoot: Fire a 1st shot at the center of the target, ensuring that you can see a clear point of impact on the screen after the shot has been taken.

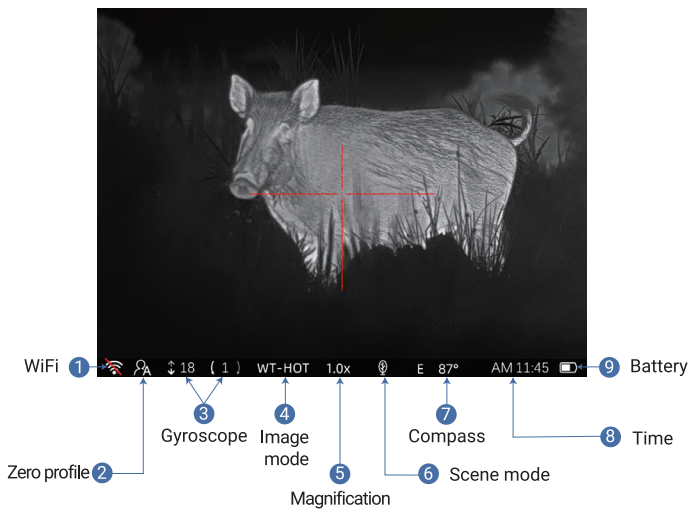


6. Adjust zero value: Keep the scope steady after shooting, and then press the [knob] to move the cursor to the "X" and "Y" items. Rotate the [knob] to freeze the screen and adjust the values of "X" and "Y" until the reticle center point aligns with the impact point on display.

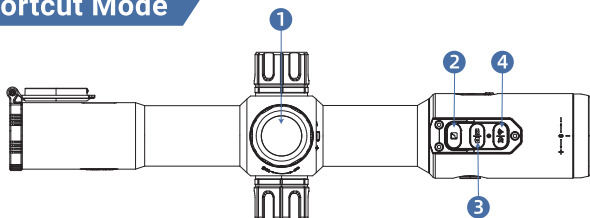
7. Save and exit: Once the setting is completed, press and hold [knob] to save and exit. The actual point of impact will be shifted to the center point of the reticle. (The reticle is always at the center of the screen, which can maximize the use of the whole observation field.)

Note: For the horizontal direction, you can align the center of the reticle with the point of impact by adjusting X value. This will shift the background image and the reticle is always horizontally centered after zeroing. For the vertical direction, you can adjust Y value to move the position of the reticle on the Y axis to align the center of the reticle with the point of impact).

Operation Instruction



Shortcut Mode



Keypad	Rotate Counterclockwise	Rotate clockwise	
Knob (key 1)	Down/-/zoom out	Up/+ /Zoom in	-
	Single press	Press and hold	Double press
	Menu/Ok key	OK	PIP
	Single press	Press and hold	Double press
Key 2	Image Mode	Switch Scenes	-
Key 3	Take a Photo	Record Video	Files
Key 4	Back	WiFi	Shutter Correction

Explanation:

Key 1

1. Single Press:

- ① **Home screen mode:** press [Key 1] to enter the menu;
- ② **Menu mode:** press [Key 1] means confirm;

2.Double press:

Home screen mode: double press [Key 1] to open/close the PIP function;

3. Rotate counterclockwise:

- ① **Home screen mode:** rotate the [knob] counterclockwise to zoom out;
- ② **Menu mode:** rotate the [knob] counterclockwise to scroll down between menu options. In the parameter setting interface under the sub menu, rotate the [knob] counterclockwise to decrease the values;

4. Rotate counterclockwise :

- ① **Home screen mode:** rotate the [knob] clockwise to zoom in;
- 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 the [knob] clockwise to increase the values.

Key 2

1. Single press :

Home screen mode: press [Key 2] to switch between image mode: WT-HOT/BK-HOT/RD-HOT/IN-HOT/SKY;

2. Press and hold :

Home screen mode: press and hold [Key 2] to switch between city/forest/rain scene modes.

Key 3

1. Single press :

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

2. Press and hold :

Home screen mode: press and hold [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.

- a) Rotate the [Knob] to switch between files.
- b) Press [Knob] to play/pause the saved videos.
- c) When playing videos, rotate the [Knob] to fast forward or rewind 2x/4x times.

d) 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:

- 2 seconds
- 5 seconds
- 8 seconds

e) Press [Key 4] again to return to the files interface, then press and hold [Key 4] to return to the home screen.

Key 4

1. Single press:

Menu mode: press [Key 4] to return to the previous page;

2. Press and hold:

Home screen mode: turn on/off the Wi-Fi function;

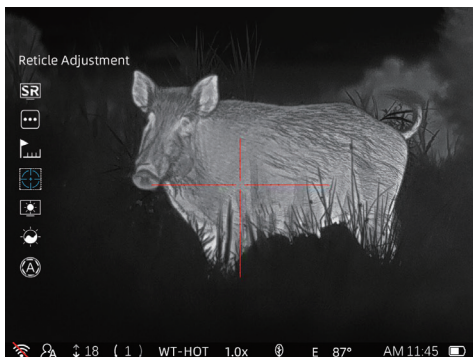
Note: When the WiFi is turned on, you cannot access the menu. Press and hold [Key 4] to turn off the Wi-Fi and then enter the menu interface;

3. Double press:

Home screen mode: double press [Key 4] to start the shutter correction function (To use this short cut key function, you must first enable the auto shutter in the menu).

Menu Mode

Home screen mode: press [Key 1] to enter the menu mode. (the shortcut key function is invalid at this time).



1. Range Unit Selection

Users can choose "meter" or "yard" as the unit of measurement for the device according to habits.

- Press [Key 1] to enter the menu, rotate the [knob] to move the cursor to range unit selection option, press [Key 1] to enter the sub-menu.
- Rotate the [knob] to choose among "m", "yd" and "off".
- Long press [Key 1] to save and return to menu.
- Single press [Key 4] to return to the home page.

2. Reticle Adjustment

Reticle adjustment refers to aligning the reticle with the impact point at a specific zeroing distance, ensuring the aiming point corresponds accurately with the impact point of the bullet.

- Press [Key 1] to enter the menu, rotate the [knob] to move the cursor to reticle adjustment option, press [Key 1] to enter the sub-menu.
- Rotate the [knob] to move the reticle among "Show", "Hide", "Mag", "Date", "X", "Y", "Style" and "Color". Single press [Key 1] to choose the option and rotate the [knob] to adjust relative values, single press [Key 1] to save the settings and return to the previous option.
- Long press [Key 1] to save and return to menu.
- Single press [Key 4] to return to the home page.

3. Brightness of Display

Users can adjust the display brightness of the display to adapt to different surroundings.

- Press [Key 1] to enter the menu, rotate the [knob] to move the cursor to the brightness of display, press [Key 1] to enter the sub-menu.
- Rotate the [knob] to move the cursor to select "0/1/2/3/4/5/6" options.
- Long press [Key 1] to save and return to menu.
- Single press [Key 4] to return to the home page.

4. Image Setting

Users can adjust the image contrast, brightness, detail, sharpness and mode under this setting. And users can store 5 groups file: A/B/C/D/E.

- Press [Key 1] to enter the menu, rotate the [knob] to move the cursor to the image setting option.
- Press [Key 1] to enter the image setting parameter adjustment page.
- Rotate the [knob] to switch among contrast/brightness/ detail/ sharpness/mode options, press [Key 1] to move the cursor to value option, and rotate the [knob] to adjust the relative values.
- Single press [Key 1] to move the cursor back to contrast/brightness/- detail/sharpness/mode options.
- Long press [Key 1] to save and return to the menu.
- Single press [Key 4] to return to the home page.

5. Shutter mode

Shutter mode means users can customize auto shutter correction or manual shutter correction. Whatever which one, it all aims to keep the best imaging effect.

Auto: The system continuously monitors the temperature of the detector chip. When the temperature change exceeds the system's set limit, the shutter will close and pause the image for about 1 second for self-calibration operation.

Manual: The device won't perform auto shutter correction. User need to double press [Key 4] to perform shutter correction.

- Press [Key 1] to enter the menu, rotate the [knob] to move the cursor to the shutter mode option, press [Key 1] to enter it.
- Rotate the [knob] to choose "Auto" or "Manual".
- Long press [Key 1] to save and return to the menu.

6. Scene

Users can choose from "City", "Forest" and "Rain" modes according to different surroundings to achieve the best imaging effect.

- Press [Key 1] to enter the menu, rotate the [knob] to move the cursor to the scene option, press [Key 1] to enter it.
- Rotate the [knob] to move the cursor to select "City", "Forest" or "Rain".
- Long press [Key 1] to save and return to the menu.
- Single press [Key 4] to return to the home page.

7. Super resolution

The PARD super resolution image algorithm has fast processing speed and strong real-time image adaptability, which can effectively improve image detail by correcting image distortion, reducing noise and enhancing contrast.

- Press [Key 1] to enter the menu, rotate the [knob] to move the cursor to the SuperRes option, press [Key 1] to enter it.
- Rotate the [knob] to choose “On” or “Off”.
- Long press [Key 1] to save and return to the menu.

8. Other menus

There are 17 secondary menus under other menus: Gyroscope/ Self-activated Recording/ Auto power off / Video Recording Settings / Date Stamp / WiFi / Language / Date&time / Format the device / Blind Pixel Compensation / Menu Display / Default Setting / Firmware Upgrade / Version / Layout / Picture in Picture / Hot Track.

- Users can press [Key 1] to enter the menu, rotate the [knob] to move the cursor to the other menu option, and press [Key 1] to enter the sub-menu.
- Rotate the [knob] to select the option you want to adjust from the 17 ones.

8.1. Gyroscope

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

- Rotate the [knob] to move the cursor to the gyroscope setting option.
 - Press [Key 1] to enter the long sub-menu, rotate the [knob] to move the cursor among “Show”, “Hide”, “Gyroscope Calibration” or “Compass Calibration”, and single press [Key 1] to choose the option.
- A. Long press [Key 1] to save the “Show” or “Hide” option and exit to the secondary menus.
 - B. Single press [Key 4] to return to the secondary menus directly.
Single press [Key 4] to return to the home page.
- Single press [Key 4] to return to the home page.

Note :

- (1) "Show" indicates to show the yaw and pitch angle of the device on the home screen.
- (2) "Hide" indicates not to show the yaw and pitch angle of the device on the home screen.
- (3) "Gyroscope Calibration" means to enter the calibration state. After selecting, please place the device on a horizontal plane surface, the device will perform automatic calibration.
- (4) "Compass Calibration" means to enter the calibration state. After selecting, please do as prompt, rotate the [knob] to choose between "Done" and "Cancel", and single press [Key 1] to confirm the option and exit.

8.2. Self-activated Recording

Recoil-activated recording provides an ongoing 20-second loop, when recoil is detected, the video is automatically moved to the Micro SD card.

- Rotate the [knob] to move the cursor to the Self-activated Recording.
- Press [Key 1] to enter the sub-menu, rotate the [knob] to move the cursor among "On", "Off", "Low", "Medium", "High". Single press [Key 1] to choose the option and long press [Key 1] to save the option and return to the secondary menus directly.
- Single press [Key 4] to return to the home page.

8.3. Auto Power Off

After selecting your preferred time duration, the device will sense the last point of operation before beginning the shutdown. Auto power off will start after the device has been idle then it automatically triggers the auto power off command.

- Rotate the [knob] to move the cursor to the auto power off setting
- Press [Key 1] to enter the sub-menu, rotate the [knob] to move the cursor among "On", "Off", "1 minute", "10 minutes" "30 minutes".
- Single press [Key 1] to choose the option and long press [Key 1] to save the option and return to the secondary menus directly.
- Single press [Key 4] to return to the home page.

8.4. Video Recording Settings

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

- Rotate the [knob] to move the cursor to the auto recording setting option
- Press [Key 1] to enter the long sub-menu, rotate the [knob] to move the cursor among "On", "Off", "All time", "1 minute", "10 minutes", "30 minutes", "Audio".
- Single press [Key 1] to choose the option, long press [Key 1] to save the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

Note :

- (1) "On" and "Off" means whether to record video after the next startup or not.
- (2) "All time" means the device will record video all the time after the next startup if you don't stop recording (Press and hold [Key 1] to save the video and stop recording).
- (3) Loop time means users can customize the device's video recording time to 1 minute or 10 minutes or 30 minutes.
- (4) "Audio" means users can customize whether to record audio when recording video.

8.5. Date Stamp

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

- Rotate the [knob] to move the cursor to the date stamp setting option. Single press [Key 1] to enter the sub-menu.
- Rotate the [knob] to move the cursor to select “Off” or “On” options.
- After selection, long press [Key 1] to save and return to the secondary menus.
- Single press [Key 4] to return to the home page.

8.6. WiFi

Through the WiFi connection, you can use your phone as an external viewfinder enabling users to see the photos and videos by screen.

- Rotate the [knob] to move the cursor to the WiFi setting option.
- Press [Key 1] to enter the sub-menu.
- Rotate the [knob] to move the cursor to select “On” or “Off” option.
- Long press [Key 1] to save the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

Steps to connect to your mobile phone:

- Download “PardVision2” from the Apple App Store or the Google Play Store.
- Turn on the WiFi on your device.
- Search the WiFi on your mobile device (the device WiFi network is a string of characters starting with PARD, which is a string of numbers). The password: 12345678.
- Enter the PardVision2 application to operate and use.

8.7. Language

Users can choose the preferred language.

- Rotate the [knob] to move the cursor to the language setting option.
- Press [Key 1] to enter the sub-menu.
- Rotate the [knob] to move the cursor to select the desired language.
- Long press [Key 1] to save the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

8.8. Date/Time

Users can set the system date and time of the device.

- Rotate the [knob] to move the cursor to the date/time setting option.
- Press [Key 1] to enter the sub-menu to adjust the date and time value and to choose YYYY/MM/DD or /MM/DD/YYYY or DD/MM/YYYY.
- Rotate the [knob] to switch options, single press [Key 1] to confirm the option, then rotate the [knob] to adjust the relative values.
- Long press [Key 1] to save and return to the secondary menus.
- Single press [Key 4] to return to the home page.

8.9. Format the device

If users want to format the device, it will delete all the data permanently.

Please operate with caution!

- Rotate the [knob] to move the cursor to the format the device setting option.
- Press [Key 1] to enter the sub-menu.
- Rotate the [knob] to move the cursor to select "Cancel" or "OK" option.
- Long press [Key 1] to confirm the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

Note:

If you choose the "OK" option, the device will delete all the data permanently and restart automatically.

8.10. Blind Pixel Compensation

The blind pixel compensation algorithm enables effective compensation for blind spots that didn't respond to temperature and reduces image distortion.

- Rotate the [knob] to move the cursor to the blind pixel compensation option.
- Press [Key 1] to enter it and you will see a prompt:
 - ① Please put on lens cap;
 - ② Short press the MENU key to switch X/Y, rotate the [knob] to move the cursor;
 - ③ Long press the OK key to confirm the elimination;
- Rotate the [knob] to move the cursor to select "Cancel" or "OK" option, single press [Key 1] to confirm the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

Note:

If you choose "OK" option, you will enter the following interface:



- Then please do as the prompts to perform blind pixel compensation. After operation, please long press [Key 1] to return to the the secondary menus, Single press [Key 4] to return to the home page.

8.11. Menu Display

- Rotate the [knob] to move the cursor to the menu display option.
- Press [Key 1] to enter it.
- Rotate the [knob] to move the cursor to select among "On", "30s", "1Min ", "3 Min", "5 Min", or "10 Min" option.
- Long press [Key 1] to save the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

8.12. Default Settings

If users decide to reset the device, it will restore the device to the factory default settings and all of the user data and personalized settings will be deleted. **Please operate with caution!**

- Rotate the [knob] to move the cursor to default setting option, press [Key 1] to enter it.
- Rotate the [knob] to move the cursor to select "Cancel" or "OK" option.
- Single press [Key 1] to confirm the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

Note:

If you choose the "OK" option, the device will delete all the data permanently and restart automatically.

8.13. Firmware Upgrade

System firmware can be updated to maintain an optimized current version.

- Rotate the [knob] to move the cursor to the firmware upgrade option.
- Single press [Key 1] to enter it. You will see an important reminder: Upgrading firmware may cause damage to the equipment, please operate with caution!
- Rotate the [knob] to move the cursor to select "Cancel" or "OK" option.
- Single press [Key 1] to confirm the option and return to the secondary menus.
- Single press [Key 4] to return to the home page.

Note:

1. If users choose to single press the "ok" option, the device will automatically restart.
2. When performing this operation, please load the device with type-C power supply.

8.14. Version

This function is to display the device's version.

- Rotate the [knob] to move the cursor to the version option.
- Single press [Key 1] to enter the sub-menu to view the version.
- Single press [Key 1] to exit and return to the secondary menus.
- Single press [Key 4] to return to the home page.

8.15. Layout

Users can customize the location and content of icons on the home screen.

- Rotate the [knob] to move the cursor to Layout option.
- Press [Key 1] to enter the sub-menu, rotate the [knob] to move the cursor among "Data", "Date", "bottom", "top", "right", "WiFi", "Gyroscope", "Compass" and "Time".
- Single press [Key 1] to confirm and long press [Key 1] to save the option and exit to the secondary menus.
- Single press [Key 4] to return to the home page.

Note:

Info Bar means users can choose the position of the icons on the home screen: top/bottom/right.

Info Disp means users can choose whether to display the following content on the main page:WiFi/Gyroscope/ Compass/Time.

8.16. Picture in Picture

The PIP mode displays a 2x magnified center area in the top of the screen, allowing you to see magnified target details without losing the field of view.

- Rotate the [knob] to move the cursor to the PIP setting option. Press [Key 1] to enter it.
- Rotate the [knob] to move the cursor to select “Off” or “On”.
- Long press [Key 1] to save the option and exit to the secondary menus.
- Single press [Key 4] to return to the home page.

8.17. Hot Track

The device can detect and display the highest temperature point on the screen, and automatically track this target heat source.

- Rotate the [knob] to move the cursor to the hot track setting option. Press [Key 1] to enter it.
- Rotate the [knob] to move the cursor to select “Off” or “On”.
- Long press [Key 1] to save the option and exit to the secondary menus.
- Single press [Key 4] to return to the home page.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment. The device has been evaluated to meet general RF exposure requirement. This equipment complies with FCC's RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna(s) must not be co-located or in conjunction with any other antenna or transmitter.

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