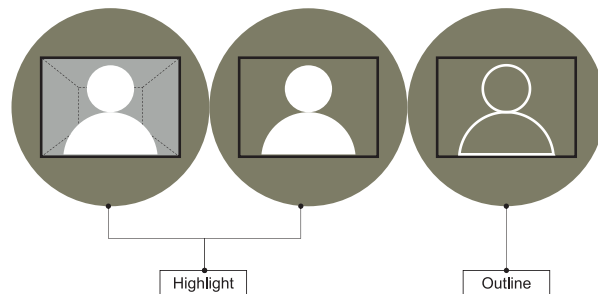**1.Image Mode :** Display the current image mode (highlight, outline).

Highlight: The target is displayed in full infrared, the threshold can be adjusted by100%-10%, and the image will be switched from thermal image to highlight.

Outline: The target is displayed in outline, the threshold can be adjusted by 100%-10%, and the image will change the target details.

(Please adjust the threshold according to the actual use environment to achieve the best use effect)

Highlight

Outline

2.Compass: Display current orientation.

3.Battery: Display current power.

4.Time

5.Quick Adjustment: Adjust parameters for brightness, frequency, and threshold (100% -10%)

   Brightness Adjust the thermal image brightness.

   Frequency When the Breathing mode is started, breathing speed can be adjusted through options.

   Threshold Adjust the threshold function.

6.GNSS: Display current location information.

▼06 STATUS BAR

7.Menu: Adjust menu functions.
(Long Press Button (M) to enter the menu, then short press Button (M) to wrap lines)

Breathing	Turn the breathing function on/off After the function is turned on, the highlight and contour modes will be in the breathing display state, and the speed can be adjusted through frequency adjustment on the main interface
Dormancy	Turn the dormancy function on/off When the Dormancy function is activated, the infrared image will stop outputting and only provide sensor information such as a compass for display
Auto Standby	Turn the Auto Standby function on/off When the function is activated, the device will enter sleep mode if there is no movement for 1 minute, and automatically shut down if there is no movement for 10 minutes
Filp Up And Shut Down	Turn the function on/off When the device detects an upward flip, the device will enter sleep mode; the device will automatically shut down after 10 minutes of upward flip
Auto Brightness	Turn the Auto Brightness function on/off Under this function, the screen brightness will be automatically controlled according to the set value, and it also has a manual adjustment function

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▼06 STATUS BAR

Sensor	Compass	Set the status (including Standard, NO., AC, OFF) Standard: Full display status NO.: Simplified display AC: Compass calibration OFF: Turn off the compass
	Bluetooth	Turn Bluetooth function on/off
	GNSS	Switching between Lat/Lon and MGRS display states
	UTC	Set the current time zone
	EXIT	Save the current settings and exit the previous level
Set	PWR Custom	Set the status (including correction，breathing，dormancy，Auto Brightness)
	Interface	Set the status(3/3，2/3，1/3) The interface can be set with different brightness values to prevent burns

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▼06 STATUS BAR

⚙ Set	Outline Thickness	Set the status(3/3，2/3，1/3) Outline thickness can be set for easy target differentiation
	Calibration	Perform imaging offset calibration
	Pal Out	Turn pal out function on/off
	Auto Correction	Turn the auto-correction function on/off
	Information	Display current product software
	Reset	Reset the settings function
	EXIT	Save the current settings and exit the previous level
EXIT	Save and exit	

▼07 GENERAL TROUBLE SHOOTING

The table below outlines common issues and troubleshooting steps for the RENV-C.

Issue	Possible Causes	Troubleshooting Steps
The device Is not able to turn on	1. Low power 2. The battery cover is not installed properly	1. Confirm that the voltage of the CR123A battery is greater than 2.8V 2. Check if the battery compartment cover is installed properly 3. Check if there are any debris inside the battery cover
Device has no image	1. Check if it is turned on 2. Confirm if the environment is too bright 3. Confirm whether to activate the dormancy function	1.Replace the battery with a new one and install the battery correctly according to the instructions 2.Turn on the main power supply of the battery compartment and confirm that the power supply interface is installed normally

The mounting bracket cannot be tightened	Incorrect adaptation installation not carried out	1.Please install according to the compatibility range supported by the mounting bracket (36.5mm-37.5mm) 2.Please rotate the buckle, adjust the tightness, and adapt to different diameters for installation
Target not fused	Target distance too close	Targets that are too close will not be able to be fused for display. Please use the device to observe targets 30 meters away
Remote control not working	1.Check battery status 2.Check connection status 3.Check usage distance	1.Check the status of the indicator. If there is no prompt light when pressing the power on button, please replace the battery 2.Attempt to reconnect to the host and operate again 3.Pay attention to the distance and it is recommended to use the remote control within a range of 1 meter

The image is fuzzy, not clear, not balanced, or has artifacts	Non-uniformity correction is required	Press PWR for calibration, or turn on automatic Non uniformity correction
The GUI is clear, but the image is fuzzy	There is dust on the interior or exterior optical surfaces of the lens	Wipe the external optical surface with the included microfiber lens cloth

5 YEAR
WARRANTY
Thermal & Fusion Devices