



DNV-31(G4)/DNV-31S USER MANUAL

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SPECIFICATIONS

Display Screen	Square 0.5 inch OLED
Display Resolution	1920×1080 - 60Hz - 15ms latency.
Image Sensor	SONY IMX385
Infrared Illuminator	940nm infrared auxiliary lighting
Wide Field of View (FOV)	40° field of view
Waterproof	Rated IP66
Battery Life (Operating)	4 +- 1 Hours.
Power Source	3.7V 14500 Battery (Single) + An external battery pack (built-in rechargeable)
Operating Temperature Range	-15°C to 65°C



OPERATING INSTRUCTIONS



1 - Power Port: Connect to the external battery pack/Power Bank (DC Plug/ 3.7-5V).

2 - Power Button: Push and hold 3 Seconds to power ON/OFF the device, rotate right to gain the brightness, rotate left to change the screen color.

3 - Internal Power Supply: Support 1 x 14500 3.7V rechargeable battery (**DO NOT USE AA BATTERY**).

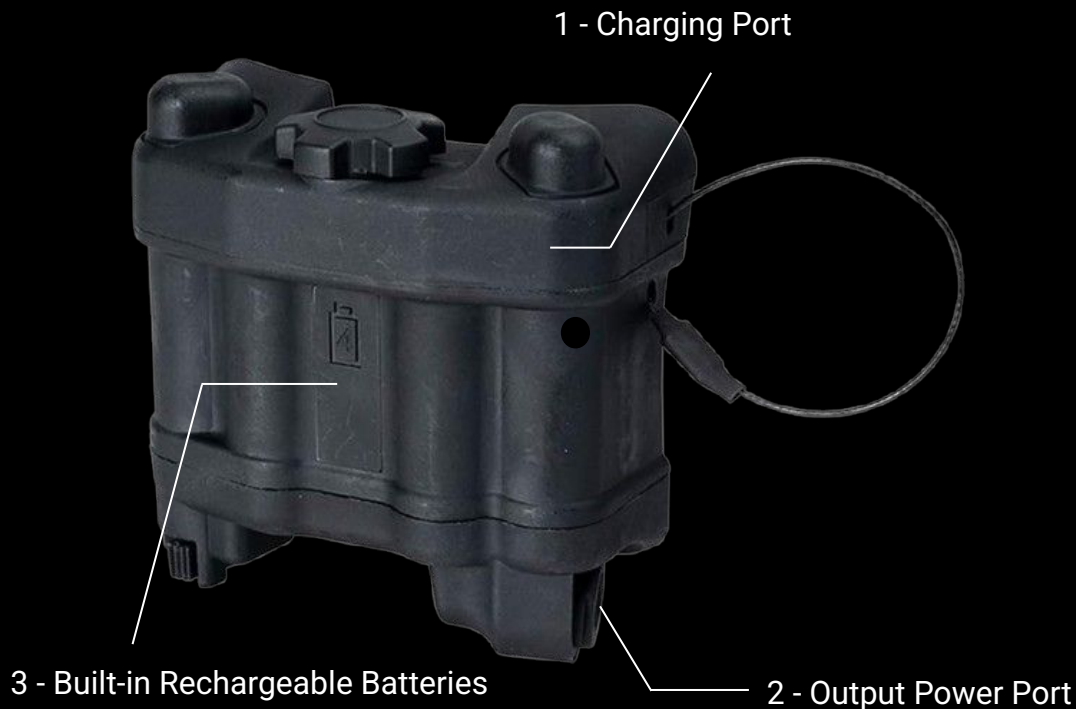
4 - Eyepiece Lens: You can remove the lens to clean or to install the circular adapter to create the "Round View".

5 - IR Light: Double-push the Power Button (2) to turn ON/OFF the IR light.

6 - Image Sensor Lens: Rotate left or right (<45 Degrees) to adjust the focus.



BATTERY PACK INSTRUCTIONS



1. USB-C Charging Port:

- Type: USB-C
- Input Requirement: Standard 5V/1A (5W) charger only

Important: Do not use fast chargers or high-wattage adapters, this may damage the charging circuit.

- Charging Indicator:

- Red Light: Charging
- Blue Light: Fully Charged

2. Output Power Port

- Type: DC Output Port
- Output Voltage: 3.7V

3. Built-in Rechargeable Batteries

- Configuration: 3 x Lithium 14500 3.7V Rechargeable Batteries (built into the battery pack).



TROUBLESHOOTING

1. Device Will Not Power On:

- Ensure the battery pack is fully charged before use.
- If the device does not turn on, try powering it with the internal battery (1x 14500 3.7V Lithium Battery). This helps identify whether the issue lies with the main device or the external battery pack.
- Check for any loose or improper connections between the battery pack and the device.

2. Blue Screen or Flickering Display

- A blue screen or flickering typically indicates low or depleted battery power.
- Please recharge the battery pack or replace the internal battery if applicable.

3. Battery Not Charging

- Try using a different charger and USB-C cable.
- Ensure the charger provides an output of 5V/1A (5W).
- Avoid using fast chargers or low-quality cables, which may cause charging issues.
- Check that all ports are clean and free from dust or moisture.



THANK YOU FOR CHOOSING OUR PRODUCT

We hope you enjoy using your Digital Night Vision Device and that it enhances your outdoor adventures, surveillance tasks, or nighttime exploration.

To ensure optimal performance and longevity, please follow the instructions and safety precautions provided in this manual.

If you have any questions, encounter technical issues, or need further assistance, don't hesitate to reach out to us.

Customer Support

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