

6TT78U9509R4JS257596N8

Generic 4K Digital Night Vision Binoculars User Manual

Model: 6TT78U9509R4JS257596N8

1. INTRODUCTION

Thank you for choosing the Generic 4K Digital Night Vision Binoculars. This device is designed for both day and night use, offering high-resolution imaging and powerful infrared illumination for clear observation in various outdoor conditions. Please read this manual carefully to ensure proper use and maintenance of your device.



Figure 1: Generic 4K Digital Night Vision Binoculars. This image shows the front view of the binoculars, highlighting the large display screen with a clear image of a deer, and the ergonomic design of the device.

2. PRODUCT FEATURES

- **Day and Night Use:** Versatile functionality for observation in various lighting conditions.

- **High-Resolution Imaging:** Capture 40MP photos and record 2.5K UHD videos.
- **3.0-inch IPS Display:** Built-in screen for comfortable viewing and menu navigation.
- **Powerful Infrared Illumination:** 3W 850nm IR LED with 7 adjustable levels for clear vision up to 300 meters in complete darkness.
- **Zoom Capabilities:** Features 10x optical zoom and 8x digital zoom for detailed observation.
- **Ergonomic and Durable Design:** TPU parts provide a comfortable grip and resistance to impacts.
- **Backlit Silicone Buttons:** Easy operation even in low-light or dark environments.
- **Multi-language Menu:** Supports 11 languages for user convenience.
- **Rechargeable Battery:** Powered by an included 2500mAh lithium battery.
- **Versatile Applications:** Suitable for hunting, night fishing, camping, hiking, and surveillance.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Generic 4K Digital Night Vision Binoculars
- 1 x 2500mAh Lithium Battery (pre-installed or separate)
- 1 x USB Type-C Cable
- 1 x User Manual
- 1 x Cleaning Cloth (may vary)

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment cover, usually on the bottom or side of the device.
2. Open the cover and insert the 2500mAh lithium battery, ensuring correct polarity.
3. Close the battery compartment cover securely.

4.2 Charging the Battery

1. Connect the included USB Type-C cable to the device's USB port.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer USB port.
3. The charging indicator will illuminate. Allow the battery to fully charge before first use.

4.3 Inserting a Memory Card

The device supports a maximum of 32GB memory card (not included).

1. Locate the memory card slot, typically on the side of the device.
2. Insert a compatible microSD card into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.
3. To remove, gently push the card until it springs out.

5. OPERATING INSTRUCTIONS



Figure 2: Control Buttons Layout. This image displays the top and back of the binoculars, clearly showing the power button, mode button, IR adjustment, zoom controls, and OK button.

5.1 Power On/Off

- To power on, press and hold the **Power button** () for a few seconds until the screen illuminates.
- To power off, press and hold the **Power button** again until the screen turns off.

5.2 Mode Selection

- Press the **Mode button (M)** to switch between Photo Mode, Video Mode, and Playback Mode.

5.3 Adjusting Zoom

- Use the **Up/Down buttons** (usually marked with arrows or zoom icons) to adjust the digital zoom level (up to 8x).
- The device also features 10x optical zoom.

5.4 Infrared (IR) Adjustment

- In low light or darkness, press the **IR button** (often marked with a sun or light icon) to activate the infrared illuminator.
- Repeatedly press the **IR button** to cycle through 7 levels of IR brightness.



Figure 3: Infrared Sensitivity and Levels. This image illustrates the difference between day and night vision, showing how the 8-adjustable IR levels (though specs say 7) enhance visibility in darkness, with an owl as an example.

5.5 Focusing

- Rotate the **focusing wheel** (located between the eyepieces) to achieve a clear image of your subject. Adjust until the image on the display is sharp.

By adjusting the focusing wheel

Can be clearly seen from far and near
Optical lenses create clear colors for imaging



Figure 4: Adjusting the Focusing Wheel. This image demonstrates how to rotate the focusing wheel to bring distant and near objects into clear view, emphasizing the optical lenses' role in creating clear colors for imaging.

5.6 Menu Navigation and Settings

- Press the **Menu button (M)** to access the settings menu.
- Use the **Up/Down buttons** to navigate through menu options.
- Press the **OK button** to select an option or confirm a setting.
- Settings include language, date/time stamp, resolution, and more.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, lint-free cloth to clean the lenses and display screen. For stubborn smudges, a specialized lens cleaning solution can be used sparingly.
- Wipe the body of the binoculars with a dry or slightly damp cloth. Avoid harsh chemicals or abrasive materials.

6.2 Storage

- When not in use, store the binoculars in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, remove the battery to prevent leakage.

7. TROUBLESHOOTING

- **Device does not power on:** Ensure the battery is correctly installed and fully charged.
- **Image is blurry:** Adjust the focusing wheel until the image is sharp. Check if the lenses are clean.
- **Poor night vision performance:** Increase the IR brightness level. Ensure there are no obstructions blocking the IR illuminator.
- **Cannot save photos/videos:** Ensure a compatible memory card is inserted and has sufficient free space. The card may need to be formatted (refer to menu settings).
- **Buttons are unresponsive:** Power off the device and restart it. If the issue persists, ensure the battery is charged.

8. SPECIFICATIONS



Figure 5: Product Dimensions. This image shows the physical dimensions of the binoculars: 13.7 cm length, 13.1 cm width, and 6.0 cm height.

Feature	Detail
Product Name	Digital Night Vision Binoculars
Model Number	6TT78U9509R4JS257596N8
Material	Plastic
Dimensions (L x W x H)	13.7 x 13.1 x 6.0 cm
Weight	Approx. 354 g
Photo Resolution	40M, 30M, 25M, 20M, 10M, 8M, 5M
Video Resolution	2.5K UHD, 1080FHD, 1080P, 720P
Aperture	F 1.2 f = 25 mm, Automatic IR Filter
Lens Angle	FOV = 10°, Diameter 43 mm
Display Screen	3.0 inch (7.6 cm) 640x360 IPS
USB Interface	Type C
Storage Media	Max 32 GB (MicroSD card not included)
Infrared Light	3W 850nm Strong IR Spotlight, 7-level adjustable
Digital Zoom	8X
Optical Zoom	10X
Viewing Distance in Darkness	250-300 meters
Viewing Distance in Low Light	Meters to infinity
Power Supply	2500mAh Lithium Battery
Date Stamper	Supports date and time setting
Modes	Photo Mode, Video Mode, Playback Mode
Supported Languages	English, Japanese, French, Spanish, Portuguese, German, Korean, Italian, Chinese, Russian, Arabic

9. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact your retailer.

For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact the seller or manufacturer directly. Keep your purchase receipt or order number handy for faster service.

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