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› Vtiisamao CZ086 4K Night Vision Goggles User Manual

Vtiisamao CZ086

Vtiisamao CZ086 4K Night Vision Goggles

User Manual

INTRODUCTION

Thank you for choosing the Vtiisamao CZ086 4K Night Vision Goggles. This manual provides essential information for the proper setup, operation, and maintenance of your device. Please read these instructions carefully before use to ensure optimal performance and longevity of your night vision goggles.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Vtiisamao CZ086 4K Full Color Night Vision Goggles
- 1 x 64GB Memory Card
- 1 x Exquisite Gift Box (for storage)
- 1 x Neck Strap
- 1 x USB Type-C Cable
- 1 x User Manual (this document)
- 1 x Cleaning Cloth

PRODUCT OVERVIEW

The Vtiisamao CZ086 Night Vision Goggles are designed for clear observation in low-light and total darkness conditions. Key features include a 3.99-inch HD screen, a 10000mAh rechargeable battery, 8x digital zoom, and 3 levels of infrared regulation.

Professional Grade 4K Night Vision



3.99"
HD Screen



10000mAh
Battery



8x
Digital Zoom



Level 3
IR Regulation



Sound
Recording



Play
Back



Illuminated
Button



64GB
Memory Card

Image: Vtiisamao Night Vision Goggles, front view, highlighting the 3.99" HD screen, 10000mAh battery, 8x digital zoom, Level 3 IR regulation, sound recording, playback, illuminated buttons, and 64GB memory card.

The device features an intuitive button layout for easy operation, even in dark environments, with backlit buttons for visibility.

Backlight Button and Flashlight



Image: Close-up of the Vtiisamao Night Vision Goggles, illustrating the backlit control buttons and the integrated tactical flashlight.

SETUP

1. Charging the Battery

The goggles come with a built-in 10000mAh rechargeable battery. Before first use, fully charge the device using the provided USB Type-C cable and a compatible power adapter (not included). The charging port is located on the side of

the device.



Image: Vtiisamao Night Vision Goggles connected to a Type-C charging cable, illustrating the charging process and internal battery components.

2. Inserting the Memory Card

A 64GB memory card is included for storing photos and videos. Locate the memory card slot, typically protected by a rubber cover, and insert the card with the gold contacts facing the correct direction until it clicks into place. The device supports TF cards up to 128GB.

3. Attaching the Neck Strap

Attach the included neck strap to the designated loops on the goggles for secure and convenient carrying during use.

4. Tripod Mounting (Optional)

For stable, hands-free operation, the goggles are compatible with standard 1/4-inch tripods. Locate the tripod mount thread on the bottom of the device and securely attach it to your tripod.



Image: A person wearing the night vision goggles with a neck strap, illustrating the device's portability and the 1/4-inch tripod mounting point.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button (usually marked with a  symbol) to turn the device on or off. The 3.99-inch HD screen will illuminate.

2. Adjusting Focus

To achieve a clear image, rotate the objective lens until the subject appears sharp on the screen. This manual focus adjustment allows for precise clarity at various distances.

3. Night Vision Mode and IR Adjustment

In low light or total darkness, activate the night vision mode. The device uses a 3W 850nm infrared light. Adjust the infrared (IR) intensity using the dedicated IR buttons (IR+ / IR-) to one of the three available levels to suit ambient light conditions and viewing distance. The goggles also feature 8x digital zoom to bring distant objects closer.

8X Digital Zoom



Level 3 IR Regulation



Image: Illustration of the 8x digital zoom capability and the three adjustable levels of infrared illumination for varying darkness conditions.

4. Capturing Photos and Videos

Use the dedicated buttons to switch between photo and video modes. Press the shutter/record button to capture images or start/stop video recording. The built-in microphone records HD videos with synchronized sound.

5. Playback

Access the playback menu to review your captured photos and videos directly on the 3.99-inch HD screen.

6. Using the Tactical Light/SOS Function

The integrated tactical light can be used as an illumination source or an emergency signaling device. Refer to the device's menu or specific buttons for activating this feature.

MAINTENANCE

1. Cleaning

Use the provided cleaning cloth to gently wipe the lenses and screen. Avoid using abrasive materials or harsh chemicals that could damage the surfaces. For the body of the device, a soft, damp cloth is sufficient.

2. Storage

When not in use, store the goggles in a dry, cool place, preferably in the exquisite gift box provided, to protect them from dust, moisture, and physical damage.

3. Battery Care

To prolong battery life, avoid fully discharging the battery frequently and store the device with a partial charge if it will not be used for an extended period. Avoid exposing the device to extreme temperatures.

TROUBLESHOOTING

- **Device Not Powering On:** Ensure the battery is fully charged. Connect the device to a power source using the Type-C cable and attempt to power it on after a few minutes of charging.
- **"Please Insert Memory Card" Error:** Verify that the memory card is correctly inserted into its slot. If the issue persists, try reinserting the card or using a different compatible TF card (up to 128GB).
- **Unclear or Blurry Image:** Rotate the objective lens to adjust the focus until the image on the screen is sharp. Ensure the IR level is appropriately set for the ambient light conditions.
- **No Sound in Recorded Video:** Check the device's settings to ensure audio recording is enabled. Confirm that the built-in microphone is not obstructed.
- **Short Battery Life:** Ensure the device is fully charged before use. Operating in extreme cold or with high IR intensity can reduce battery performance.

SPECIFICATIONS

Feature	Specification
Model Name	CZ086
Screen Size	3.99" HD Screen
Battery Capacity	10000mAh (Built-in)
Recording Time	Up to 16 hours
Digital Zoom	8x
Infrared Light	3W 850nm

Feature	Specification
Viewing Distance (Darkness)	Up to 1968ft (600 yards)
Memory Card Support	64GB TF Card (included), Max 128GB
Waterproof Rating	IP65
Objective Lens Diameter	28 Millimeters
Material	Acrylonitrile Butadiene Styrene (ABS)
Parcel Dimensions	26 x 23.1 x 11.4 cm
Weight	1.18 kg
Country of Origin	China

WARRANTY AND SUPPORT

Warranty Information

This Vtiisamao product is covered by a 2-Year Manufacturer Warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Manufacturer Contact

For technical support, warranty service, or inquiries, please contact the manufacturer:

SHENZHEN Z.T. DIGITAL CO., LTD

Please refer to the contact information provided on the product packaging or the official Vtiisamao website for the most current support details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question