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CIGMAN CNV00

CIGMAN 4K Night Vision Goggles CNV00 User Manual

Model: CNV00 | Brand: CIGMAN

INTRODUCTION

Thank you for choosing the CIGMAN 4K Night Vision Goggles. This device is engineered to provide superior clarity and extended visibility in low-light and complete darkness conditions, making it ideal for various outdoor activities such as hunting, wildlife observation, and security monitoring. This manual will guide you through the setup, operation, and maintenance of your new night vision goggles to ensure optimal performance and longevity.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Night Vision Binoculars
- 1 x Neck Strap
- 1 x Type-C Cable
- 1 x 32GB TF Card
- 1 x Lens Cleaning Cloth
- 1 x Cloth Bag
- 1 x Portable Bag
- 1 x Compass
- 1 x User Manual



Image: CIGMAN 4K Night Vision Goggles with all included accessories, including the device, neck strap, cables, memory card, cleaning cloth, bags, compass, and user manual.

KEY FEATURES

- Superior Clarity:** Capture sharp, detailed images with a 58MP photo sensor that delivers Full HD resolution, day or night. The versatile video resolutions (4K, 1080P, 720P) cater to a range of practical needs, while the 5x digital zoom allows for enhanced detail in both photos and videos.

3.99" LARGE SCREEN



4K
ULTRA HD

58
MP

Image: The 3.99-inch large display screen highlighting 4K Ultra HD video and 58MP image capture capabilities.



INFRARED NIGHT VISION SEE IN TOTAL DARKNESS



Backlight
Buttons



5000mAh
Battery



3.99-inch



Up to
1968ft/600M



Image: Visual comparison demonstrating increased image clarity and detail from 10MP to 58MP resolution.

3
Levels IR

5X Digital
Zoom

Max 512GB
IP65 Level of
Protection



3.99" LARGE SCREEN



Image: Graphic illustrating the effect of 5X digital zoom, bringing distant objects into clearer view.

- Extended Range:** Powered by a starlight-level sensor and a high-intensity infrared spotlight, the CNV00 night vision goggles offer crisp, clear visibility up to 1968ft/600m, even in low-light environments. With the largest 3.99" high-definition display available on the market and an impressive f/1.0 aperture, it guarantees exceptional light capture for unparalleled clarity.

SEE CLEARLY IN TOTAL DARKNESS



1/4"-20
Mounting
thread



1968ft/600M



FOV13.5°



Image: Night vision goggles mounted on a tripod, demonstrating clear visibility of sheep in total darkness up to 1968ft/600m.



NIGHT VISION ULTRA HD 4K

With **5x** digital zoom and a starlight-grade CMoS sensor with infrared illumination, it ensures outstanding visibility and clarity.

Image: Exploded view diagram of the night vision lens system, highlighting components for Ultra HD 4K clarity and light capture.

- **Versatile Multi-functionality:** This night vision scope is designed for a wide range of applications, featuring a built-in tactical light for illumination and outdoor rescue operations. It also includes an integrated microphone and speaker for smooth recording and playback, along with a dedicated backlight button for easy use during nighttime activities. With 3 adjustable IR levels, you can tailor the infrared light intensity for optimal visibility, even in complete darkness.

EQUIPPED WITH FLASHLIGHT, COMPASS

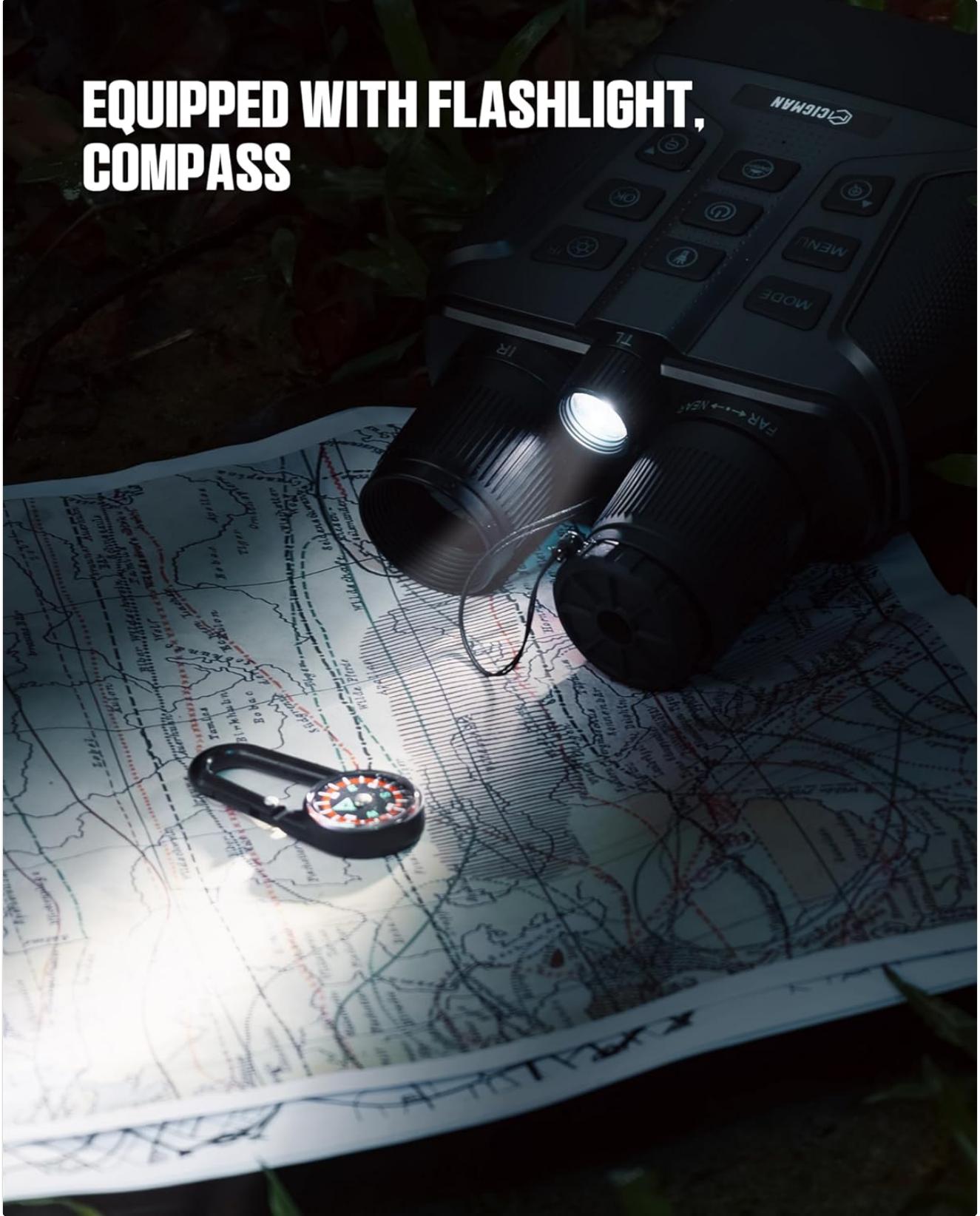


Image: The night vision goggles with their built-in flashlight illuminated, placed next to a compass on a map, demonstrating utility for navigation and illumination.

3 ADJUSTABLE LEVEL IR

Crystal-clear vision in darkness



Image: Display showing the effect of three adjustable infrared (IR) levels on night vision clarity, from IR 1 to IR 3.

- **Environmental Adaptability:** With an IP65 rating, these night vision goggles are durable and reliable in wet conditions, perfect for outdoor adventures and tactical operations. Tripod compatibility provides extra stability for extended use, while their portability makes them ideal for camping, hiking, and wildlife observation.



Image: The night vision goggles covered in water droplets, illustrating their IP65 protection level for use in rainy environments.

SETUP GUIDE

1. Charging the Battery

The CIGMAN Night Vision Goggles are equipped with a powerful 5000mAh built-in lithium battery. Before first use, ensure the device is fully charged using the provided Type-C cable. Connect the cable to the device's Type-C port and a suitable power source. The charging indicator will show the charging status.

5000mAh



5000mAh
Lithium Battery



18H
Usage Time

Image: The night vision goggles connected to a charging cable, illustrating the 5000mAh lithium battery and its 18-hour usage time.

2. Inserting the TF Card

A 32GB TF (MicroSD) card is included for storing photos and videos. Locate the TF card slot on the device, insert the card gently until it clicks into place. Ensure the card is inserted correctly to avoid damage.

3. Attaching the Neck Strap

Attach the provided neck strap to the designated attachment points on the goggles. This will help prevent accidental drops

and provide comfort during extended use.

4. Initial Power On and Focus Adjustment

Press and hold the Power On/Off button to turn on the device. Once powered on, adjust the Focus Ring on the lenses to achieve a clear image. Turn the ring towards 'FAR' for distant objects and 'NEAR' for closer objects.

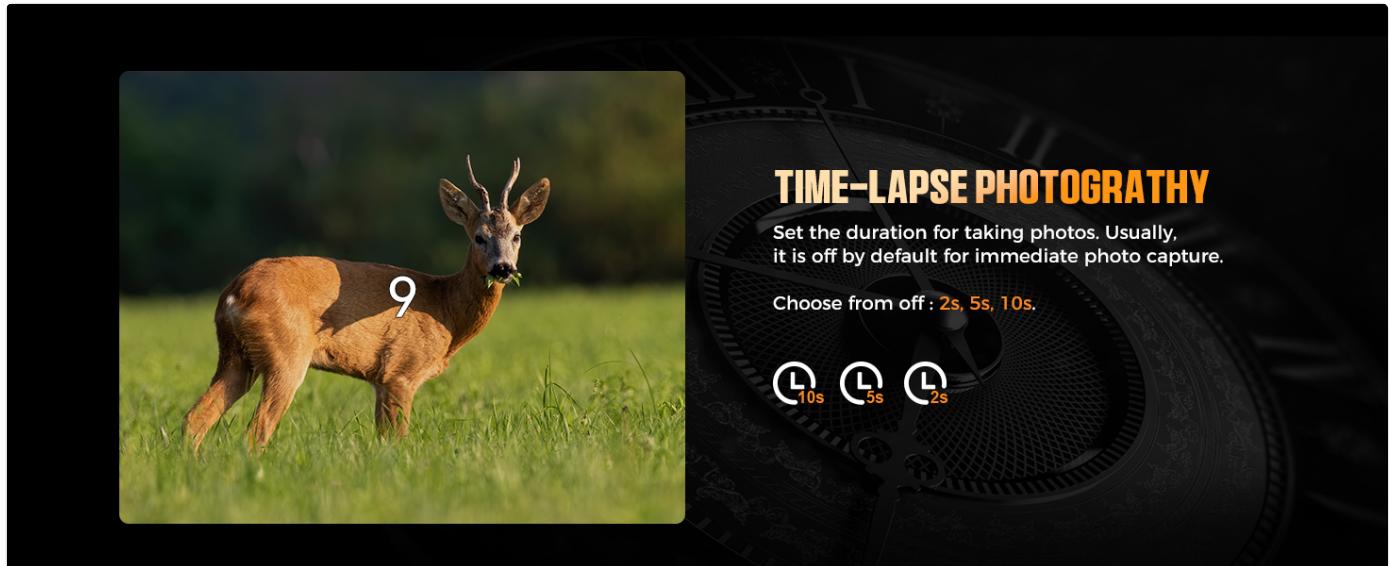


Image: A diagram illustrating the manual focus adjustment mechanism on the night vision goggles, showing how to achieve clear images.

OPERATING INSTRUCTIONS

Controls Overview

4K VIDEO / 58MP IMAGES

Easily Create Beautiful Full HD Videos



Image: The device's user interface, displaying options for capturing 4K video, 58MP photos, and accessing playback mode.

Familiarize yourself with the buttons and their functions:

- **Power On/Off:** Long press to turn the device on or off.
- **Menu (M):** Access the main menu for settings and options.
- **OK Button:** Confirm selections within the menu.
- **Zoom In/Up:** Increase digital zoom or navigate up in menus.

- **Zoom Out/Down:** Decrease digital zoom or navigate down in menus.
- **Tactical Light Switch (TL):** Activate the built-in tactical flashlight.
- **Infrared Light Switch (IR):** Adjust the infrared illumination levels.
- **Backlight Switch:** Turn on/off the backlight for buttons for use in dark conditions.

Photo and Video Capture

To capture media:

1. Press the **Mode** button to switch between Photo, Video, and Playback modes.
2. In Photo or Video mode, press the **OK** button to capture an image or start/stop video recording.
3. Utilize the **Zoom In/Up** and **Zoom Out/Down** buttons to adjust the 5x digital zoom for closer views.

Adjusting Infrared (IR) Levels

The device features 3 adjustable IR levels to optimize visibility in varying degrees of darkness:

1. Press the **IR** button to cycle through the 3 infrared intensity levels.
2. Select the level that provides the clearest image without overexposure.

Special Features

- **Time-Lapse Photography:** Set intervals (2s, 5s, 10s) for automatic photo capture. Access this setting via the Menu.
- **Continuous Shooting:** Capture multiple images in quick succession.
- **Anti-Shake:** This feature helps stabilize images and videos, reducing blur from hand movements.



TIME-LAPSE PHOTOGRAPHY



CONTINUOUS SHOOTING

Capture the Moment



ANTI SHAKE

Make your images more stable and smooth

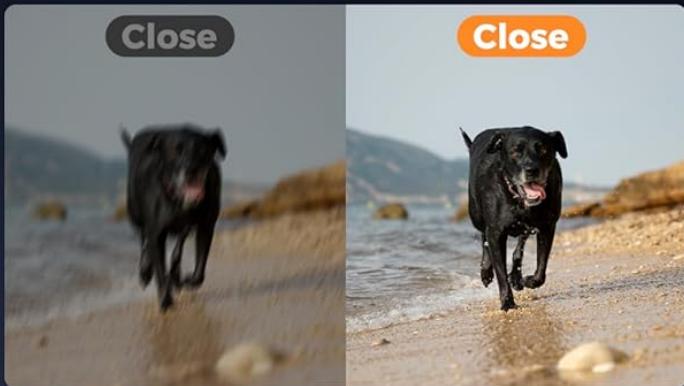


Image: Visual representation of Time-Lapse Photography options (10s, 5s, 2s), Continuous Shooting, and the Anti-Shake function for stable images.

File Transfer and Playback

To review or transfer your media:

1. In Playback mode, use the navigation buttons to browse through your captured photos and videos.
2. Connect the device to a computer using the Type-C cable to transfer files. The device will appear as a removable

storage device.



Image: The night vision goggles connected to a laptop via a USB-C cable, illustrating the ease of transferring captured photos and videos.

MAINTENANCE

Cleaning

Regular cleaning ensures optimal performance:

- Use the provided lens cleaning cloth to gently wipe the lenses. Avoid using abrasive materials or harsh chemicals.
- Wipe the body of the goggles with a soft, damp cloth.

Storage

When not in use, store the goggles in the portable bag in a cool, dry place, away from direct sunlight and extreme temperatures.

Water Resistance

The device has an IP65 rating, meaning it is protected against dust and low-pressure water jets. While it can withstand wet conditions, avoid submerging it in water.

TROUBLESHOOTING

If you encounter any issues with your CIGMAN Night Vision Goggles, please refer to the following common problems and solutions:

- **Device not powering on:** Ensure the battery is fully charged. If the issue persists, try connecting to a power source and attempting to power on.
- **Blurred image:** Adjust the focus ring on the lenses. Ensure the lenses are clean and free from smudges or debris.
- **Poor night vision performance:** Check the IR level settings and increase if necessary. Ensure there are no obstructions blocking the IR illuminator.
- **Cannot record or save files:** Verify that the TF card is correctly inserted and has sufficient free space. The card may need to be formatted (refer to menu settings for formatting option).

For further assistance, please contact CIGMAN customer support.

SPECIFICATIONS

Feature	Specification
Brand	CIGMAN
Model	CNV00
Package Dimensions	10.28 x 8.23 x 4.02 inches
Item Weight	3.8 pounds
Special Feature	High Magnification, Night Vision, Built-In Flash, Image Stabilization
Mounting Type	Tripod Mount
Binocular Prism Description	Porro Prism
Water Resistance Level	Waterproof (IP65)
Battery	5000mAh built-in lithium battery
Night Viewing Range	Up to 1968ft/600m
Lens Aperture	f/1.0
Screen Size	3.99 inches
Memory Card Support	Max 512GB (32GB included)

SAFETY INFORMATION

Please read and adhere to the following safety guidelines:

- Do not look directly at strong light sources (e.g., sun, laser) through the device, as this can cause permanent eye damage.
- Keep the device away from extreme temperatures, humidity, and dust.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Keep out of reach of children.

WARRANTY AND SUPPORT

CIGMAN products come with a standard manufacturer's warranty. For detailed warranty information, product support, or service inquiries, please visit the official CIGMAN website or contact their customer service department. Please retain your proof of purchase for warranty claims.

 <p>CIGMAN Uživatelská příručka Laserová vodováha Model CM-701 Pls. používejte výrobku a pouze početné servisní</p> <p>CE RoHS FC FDA IC ETSI Kontaktní e-mail: support@cigman.com © Cigman s.r.o., Bratislava</p>	<p>CIGMAN CM-701 Laser Level User Manual</p> <p>User manual for the CIGMAN CM-701 laser level, covering safety instructions, intended use, initial operation, product overview, remote control, operating modes, specifications, troubleshooting, maintenance, and warranty information.</p>
 <p>CIGMAN Uživatelská příručka Laserová vodováha Model CM-701 Pls. používejte výrobku a pouze početné servisní</p> <p>CE RoHS FC FDA IC ETSI Kontaktní e-mail: support@cigman.com © Cigman s.r.o., Bratislava</p>	<p>CIGMAN CM-701 Laserová vodováha - Uživatelská příručka</p> <p>Oficiální uživatelská příručka pro laserovou vodováhu CIGMAN CM-701. Získejte podrobné informace o bezpečném používání, funkcích, specifikacích a údržbě tohoto laserového měřicího přístroje.</p>
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 <p>CIGMAN Uživatelská příručka Laserová vodováha Model CM-720SE Pls. používejte výrobku a pouze početné servisní</p> <p>CE RoHS FC FDA IC ETSI Kontaktní e-mail: support@cigman.com © Cigman s.r.o., Bratislava</p>	<p>CIGMAN CM-720SE Laserová vodováha - Uživatelská příručka</p> <p>Kompletní uživatelská příručka pro laserovou vodováhu CIGMAN CM-720SE. Obsahuje bezpečnostní pokyny, návod k použití, specifikace a řešení problémů.</p>