

[Manuals.plus](#) /

› [TKWSER](#) /

› TKWSER 4K UHD Night Vision Binoculars User Manual

TKWSER B0D56PK5PK

TKWSER 4K UHD Night Vision Binoculars User Manual

Model: B0D56PK5PK

INTRODUCTION

Thank you for choosing the TKWSER 4K UHD Night Vision Binoculars. This device is designed for clear observation in both daytime and complete darkness, featuring 4K video recording, 36MP photo capture, and an impressive 600-meter (2000ft) night vision range. Please read this manual carefully to ensure proper use and optimal performance of your device.

PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- 1 x TKWSER Night Vision Binoculars
- 1 x Protective Case
- 1 x Neck Strap
- 1 x 32GB TF Card
- 1 x USB Cable
- 1 x Cleaning Cloth
- 1 x User Manual

PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your night vision binoculars.



Figure 1: Main view of the TKWSER 4K UHD Night Vision Binoculars, showing the objective lenses, display screen, and control buttons.

Key Features:

- **4K Ultra HD Effect:** Experience clear visual impressions day and night.
- **600m (2000ft) Night Vision Range:** Observe objects clearly in complete darkness.
- **8X Digital Zoom:** Easily adjust and quickly focus on distant subjects.
- **5000mAh Rechargeable Battery:** Provides up to 16 hours of daytime use or 8-10 hours of continuous infrared use.
- **4K Video & 36MP Photos:** Capture high-resolution videos and still images with anti-shake functionality.
- **3-inch HD Display:** Large screen for comfortable viewing.
- **IP65 Waterproof Rating:** Durable design for various outdoor conditions.
- **Integrated Tactical Flashlight:** For additional illumination when needed.
- **8-Level Adjustable Screen Brightness:** Customize display brightness for optimal viewing comfort.

Schärfere Bildgebung



Unsere

andere

8X
8X



1X

vs

5X
5X



1X

Figure 2: Comparison showing sharper imaging with 8X magnification (left owl) versus 5X magnification (right owl), highlighting the device's superior zoom.



Figure 3: A collage illustrating various applications for the night vision binoculars, including camping, farm monitoring, hunting, and wildlife observation.

SETUP

1. Charging the Battery

The device is equipped with a built-in 5000mAh rechargeable Lithium-ion battery. Before first use, fully charge the device.

1. Connect the provided USB cable to the device's charging port and to a standard USB power adapter (not included) or a computer USB port.
2. The charging indicator light will illuminate.
3. Charging is complete when the indicator light changes color or turns off (refer to device screen for battery status).

5000mAh

Akku mit Extrem Hoher Kapazität

Lange Standby Zeit, kein lästiges Aufladen mehr



Figure 4: Illustration of the night vision binoculars being charged via USB, highlighting the 5000mAh battery capacity and estimated operating times.

2. Inserting the Memory Card

A 32GB TF card is included for storing photos and videos. Locate the TF card slot, usually protected by a rubber cover.

1. Open the rubber cover protecting the memory card slot.
2. Insert the TF card into the slot with the gold contacts facing down (or as indicated by a diagram on the device) until it clicks into place.
3. To remove, gently push the card until it springs out.

3. Initial Power On

Press and hold the Power button for a few seconds until the screen illuminates.

OPERATING INSTRUCTIONS

1. Power On/Off

- **Power On:** Press and hold the **Power** button for approximately 3 seconds.
- **Power Off:** Press and hold the **Power** button for approximately 3 seconds until the screen turns off.

2. Mode Selection (Day/Night)

The device automatically adjusts to ambient light conditions. For optimal night vision, activate the infrared (IR) illuminator.



Figure 5: Comparison of daytime color vision and nighttime black-and-white infrared vision, demonstrating the 4K Ultra HD effect.



Figure 6: Illustration of the night vision binoculars' capability to observe objects up to 600 meters (2000 feet) in complete darkness, with a moonlit mountain landscape.

- In low light or complete darkness, press the **IR** button to cycle through IR levels (e.g., IR1, IR2, IR3, OFF). Higher IR levels provide greater visibility in darker conditions but consume more battery.
- For daytime use, ensure the IR illuminator is off.

3. Digital Zoom

The device features an 8X digital zoom to magnify distant objects.

- Use the **Zoom In** and **Zoom Out** buttons (often marked with '+' and '-' or magnifying glass icons) to adjust the magnification.
- The current zoom level will be displayed on the screen.



Figure 7: Visual representation of the 8X digital zoom capability, showing progressive magnification of a deer in night vision mode.

4. Capturing Photos and Videos

The binoculars can record 4K videos and capture 36MP photos.

- **Switching Modes:** Use the **Mode** button to switch between Photo, Video, and Playback modes.
- **Taking a Photo:** In Photo mode, press the **Shutter** button (often marked with a camera icon) to take a picture.
- **Recording a Video:** In Video mode, press the **Record** button (often marked with a video camera icon or red dot) to start recording. Press again to stop.
- **Playback:** In Playback mode, use the navigation buttons to browse your captured media.

5. Adjusting Screen Brightness

The display brightness can be adjusted to suit different viewing conditions and conserve battery.

- Access the menu or use dedicated brightness control buttons (if available) to adjust the screen brightness through 8 levels.

8 Stufen Einstellbare Bildschirmhelligkeit

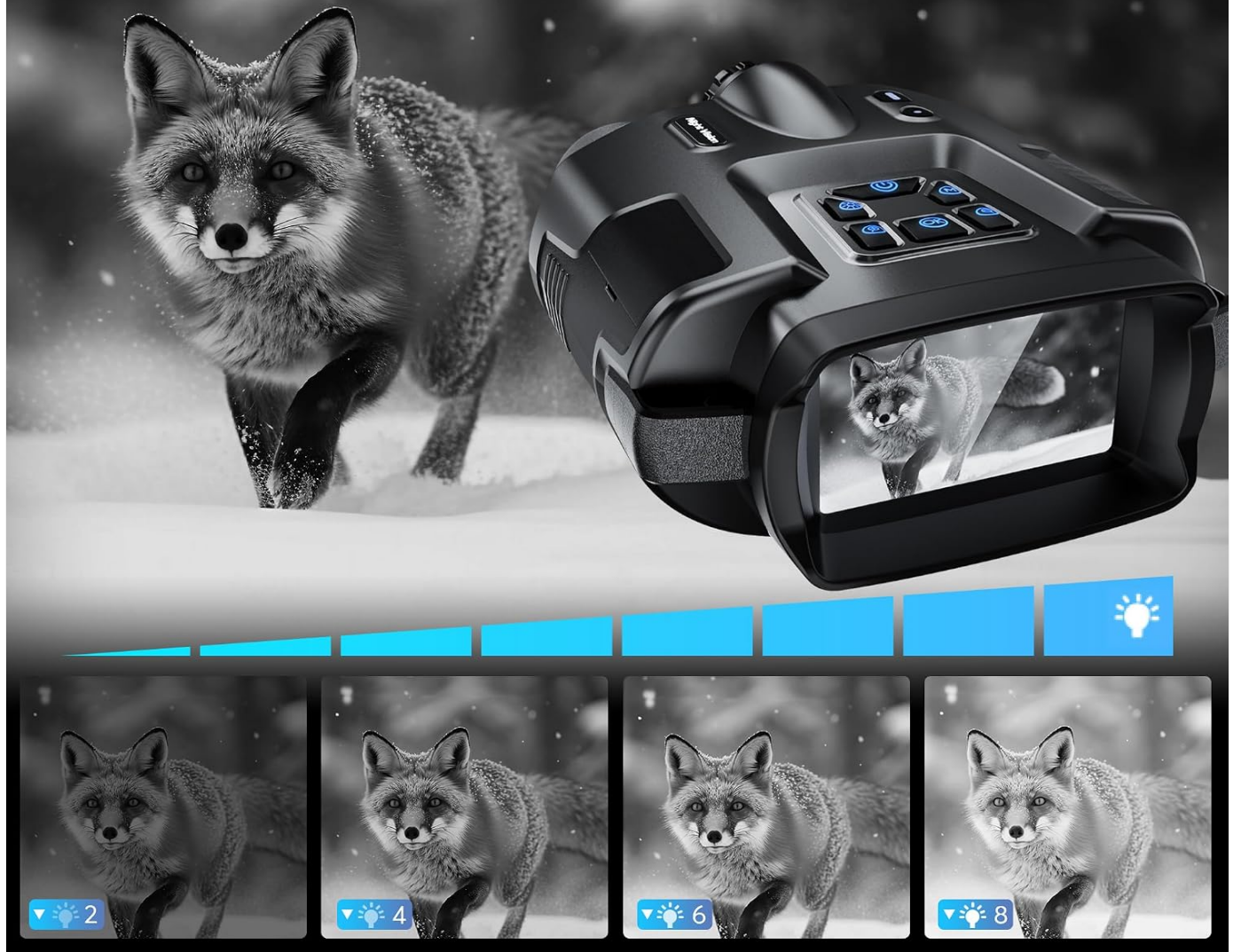


Figure 8: Demonstration of the 8 adjustable screen brightness levels, showing how the display can be optimized for various ambient light conditions.

6. Using the Tactical Flashlight

The integrated tactical flashlight provides additional illumination for close-range tasks.

- Locate the flashlight button, typically on the top or side of the device.
- Press the button to turn the flashlight on/off.

Neu Ausgestattet mit Einer Taktischen Taschenlampe



Figure 9: The night vision binoculars equipped with a tactical flashlight, illustrating its use for illuminating paths or nearby objects in dark environments.

MAINTENANCE

Cleaning

- Use the provided cleaning cloth to gently wipe the lenses and display screen.
- For stubborn smudges, use a lens cleaning solution specifically designed for optical surfaces.
- Do not use abrasive materials or harsh chemicals, as they can damage the coatings.
- Wipe the body of the device with a soft, damp cloth.

Storage

- When not in use, store the binoculars in their protective case to prevent dust and scratches.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

- If storing for extended periods, ensure the battery is partially charged (around 50%) and recharge every few months to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the battery fully using the provided USB cable.
Poor image quality in night vision.	IR illuminator off or set too low; dirty lenses.	Activate or increase IR level. Clean the objective lenses and eyepiece.
Cannot capture photos/videos.	Memory card full or not inserted correctly; incorrect mode.	Check memory card insertion. Delete old files or replace card. Ensure device is in Photo or Video mode.
Screen is too bright/dim.	Screen brightness setting is incorrect.	Adjust the screen brightness using the dedicated controls or menu.
Device freezes or becomes unresponsive.	Software glitch.	Perform a soft reset by holding the Power button until it forces off, then restart. If problem persists, contact support.

SPECIFICATIONS

Model	B0D56PK5PK
Brand	TKWSER
Color	Black
Dimensions	17 x 13 x 7 cm
Weight	1.48 kg
Material	Plastic
Max Magnification	8x (Digital Zoom)
Min Magnification	8x (Optical/Digital)
Objective Diameter	30 mm
Night Vision Range	Up to 600 meters (2000 feet)
Battery	Built-in 5000mAh Lithium-ion rechargeable
Operating Time	Up to 16 hours (daytime), 8-10 hours (IR mode)
Video Resolution	4K HD

Photo Resolution	36 MP
Display Screen	3-inch HD TFT
Waterproof Rating	IP65
Memory Card	Supports TF card (32GB included)
Mounting Type	1/4" tripod mount

WARRANTY AND SUPPORT

Your TKWSER Night Vision Binoculars come with a**365-day warranty** from the date of purchase. If you encounter any issues or have questions regarding your device, please do not hesitate to contact our professional support team. We are available 24/7 to assist you.

Contact Information: Please refer to the contact details provided on the product packaging or the official TKWSER website for the most up-to-date support information.

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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

