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› Dsoon VR300 3D VR Night Vision Binoculars User Manual

Dsoon VR300

Dsoon VR300 3D VR Night Vision Binoculars User Manual

Model: VR300 | Brand: Dsoon

INTRODUCTION

The Dsoon VR300 3D VR Night Vision Binoculars are designed to provide an immersive visual experience with advanced night vision capabilities. Featuring industrial-grade sensors, 3D imaging, and high-resolution photo and video recording, these binoculars are suitable for various outdoor activities. This manual provides essential information for the proper setup, operation, and maintenance of your device.



Figure 1: Dsoon VR300 3D VR Night Vision Binoculars

WHAT'S IN THE BOX

Upon unpacking, please ensure all the following items are present:

- Dsoon VR300 3D VR Night Vision Goggles
- Carrying Case
- Helmet Mount
- Neck Strap
- Charging Cable
- Lens Cleaning Cloth
- Two (2) SD Cards (64GB total)
- User Manual

3D VR Night Vision Goggles



Figure 2: Package contents including binoculars, case, and accessories.

SETUP

1. Inserting SD Cards

Locate the SD card slots on the device. Gently insert the provided SD cards into their respective slots until they click into place. The device supports two individual cameras, each requiring an SD card for recording.

2. Charging the Device

Connect the charging cable to the device's charging port and a suitable power source. Ensure the device is fully charged before first use for optimal battery performance.

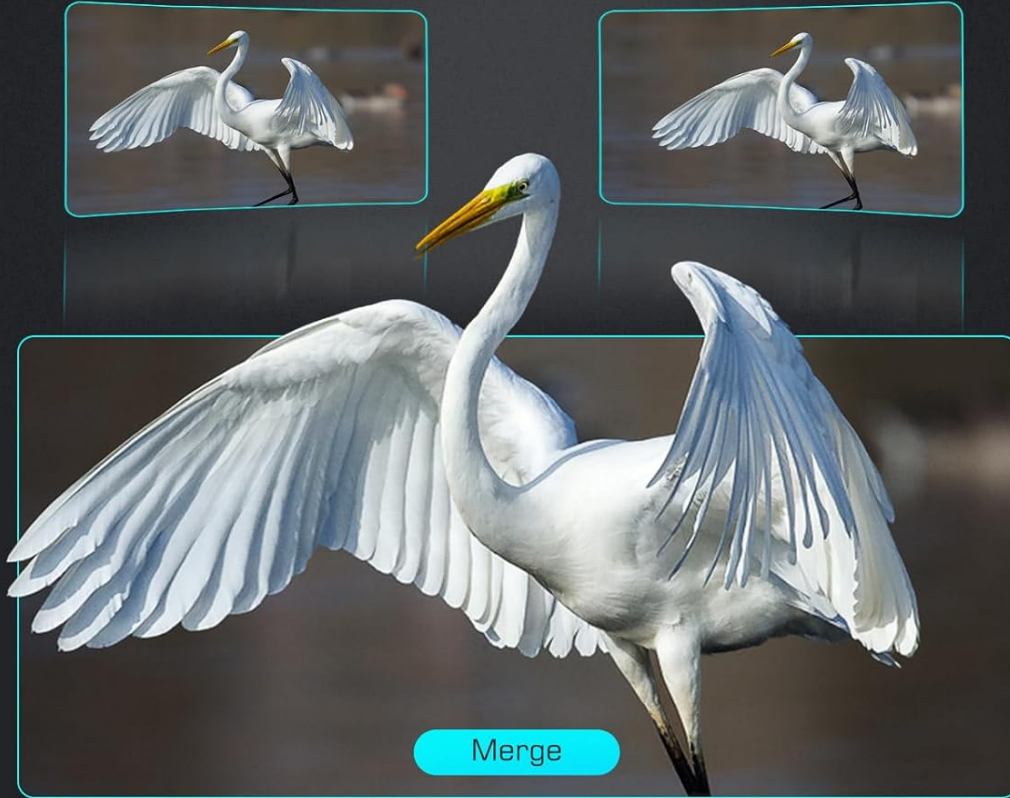
3. Attaching Neck Strap or Helmet Mount

Attach the neck strap for hands-free carrying or the helmet mount for head-mounted operation. The helmet mount features a flip-up mechanism for convenience.

Support 3D Photo & Video Stitching Function

Leftimage

Rightimage



The captured photos and videos can be stitched into a new file and played on other 3D devices

Figure 3: Helmet mount attachment for hands-free use.

4. Adjusting Diopter

The binoculars feature independent adjustable dual lenses with a diopter adjustment range of ± 4 . Rotate the diopter adjustment wheels on each eyepiece to achieve optimal focus for your individual vision, accommodating nearsightedness or farsightedness up to 400 degrees.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

Press the power button to turn the device on or off. Use the mode button (W/O or M) to cycle between video recording, photo capture, and playback modes. The device supports 8K (8064x3024) photo and 4K (3840x1080) video resolutions.

2. Infrared (IR) Adjustment

The device offers 7 levels of infrared illumination. Use the IR $\pm$ buttons to adjust the brightness of the infrared light, enhancing visibility in low-light or complete darkness conditions.



Figure 4: Night Vision Enhanced Mode showing varying IR levels.

3. Digital Zoom

Utilize the digital zoom function to magnify your view up to 6 times. This allows for closer observation of distant subjects. Note that excessive digital zoom may reduce image clarity.

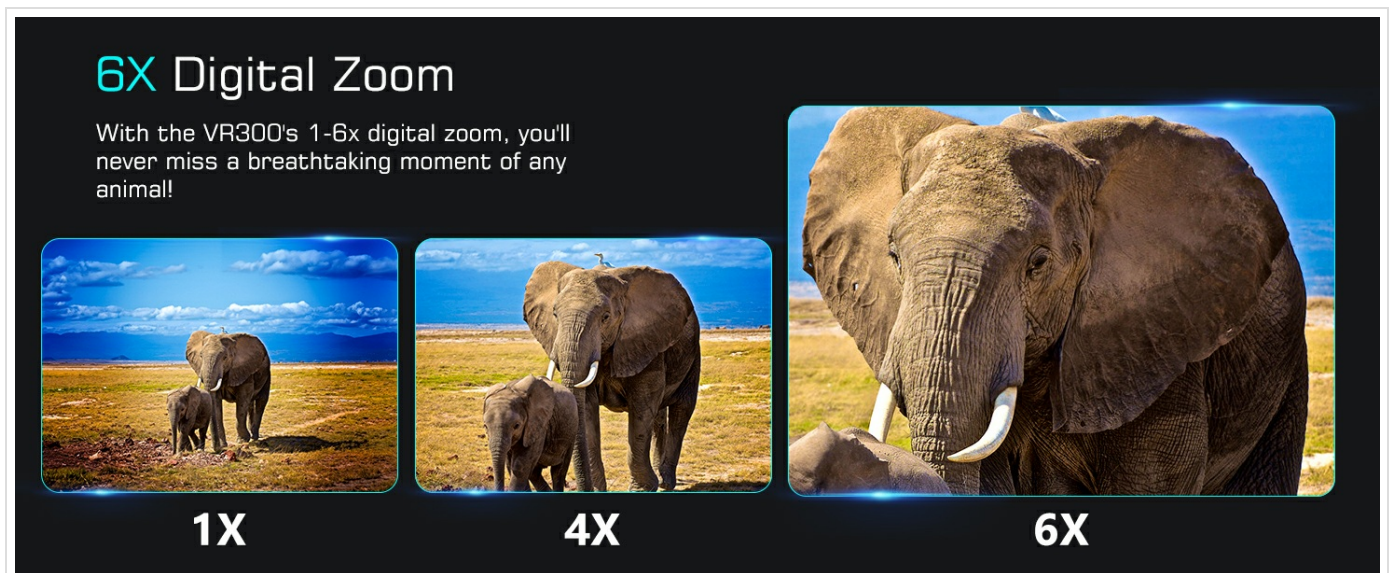


Figure 5: Demonstrating 6X digital zoom for enhanced viewing.

4. Lift-to-Wake Technology

The device features a lift-to-wake function. The display automatically activates when you bring the binoculars to your eyes and turns off when you move them away, conserving battery life and allowing for quick readiness.

3D VR UHD Binocular Night Vision



NAKE EYE 3D



SPLICING FILES



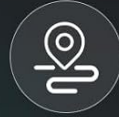
PROXIMITY
AUTO WAKE



BUILT-IN
BIG CCSCREEN



DUAL-MIRROR
ADJUSTMENT



150M DARK
VIEWING DISTANCE



6X DIGITAL
ZOOM



7 LEVELS OF
BRIGHTNESS



5000MAH LITHIUM
BATTERY



NIGHT VISION
ENHANCED

Figure 6: Illustration of the Lift-to-Wake function.

5. 3D Photo & Video Stitching

The VR300 binoculars can seamlessly merge 3D photos and videos captured by its dual cameras. The stitched files can be played back on other 3D-compatible devices for an immersive experience. Note: 3D polarized glasses (not included) are required to view 3D images or videos.

Lift-to-Wake & 150m Dark Range

The screen activates immediately when lifted, enabling real-time target tracking while in motion. In complete darkness, it provides clear visibility with a maximum viewing distance of 150 meters.



Figure 7: Visual representation of 3D photo and video stitching.

6. Usage Scenarios

The Dsoon VR300 is versatile for various activities including hunting, wildlife observation, camping, boat fishing, and hiking, providing clear vision in diverse environments.

6X Digital Zoom & Dual Mirror Adjust



Dual-Mirror Adjustment technology, allows independent adjustment for left and right eye vision, with a refractive range of ± 4 degrees, correcting myopia or hyperopia up to 400 degrees.

Figure 8: Examples of activities where the binoculars can be used.

7. Official Product Video

Video 1: Official product video showcasing the Dsoon 8K UHD Night Vision Binoculars for Adults.

MAINTENANCE

1. Cleaning Lenses

Use the provided lens cleaning cloth to gently wipe the lenses. Avoid using abrasive materials or harsh chemicals that could damage the optical coatings. For stubborn smudges, a small amount of lens cleaning solution designed for optics can be applied to the cloth, not directly to the lens.

2. Storage

When not in use, store the binoculars in their protective carrying case in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the lens caps are in place to prevent dust accumulation and scratches.

3. Battery Care

To prolong battery life, avoid fully discharging the device frequently. Recharge the battery regularly, even if the device is not in active use for extended periods.

TRUBLESHOOTING

- **Device not powering on:** Ensure the battery is fully charged. Check the charging cable and adapter for proper connection.
- **Poor image quality:** Clean the lenses with the provided cloth. Adjust the diopter for each eye. Ensure sufficient IR illumination in dark conditions.
- **SD card error:** Ensure the SD cards are correctly inserted. Format the SD cards through the device's menu if issues persist (this will erase all data).
- **3D stitching issues:** Ensure both cameras are recording properly. Verify that the files are being processed correctly on your computer for 3D viewing.
- **Display not activating (Lift-to-Wake):** Check for any obstructions near the eye sensor. Ensure the feature is enabled in the device settings.

SPECIFICATIONS

Brand	Dsoon
Model Name	VR300
Age Range (Description)	Adult
Special Features	Focus Knob, LCD Display, Night Vision, Portable, Seamless 3D Integration
Objective Lens Diameter	45 Millimeters
Magnification Maximum	6 x
Specific Uses	3D
Prism Type	Roof Prism
Exit-Pupil Diameter	7.5 Millimeters
Coating	Anti-Reflective
Water Resistance Level	Waterproof
Focus Type	Fixed Focus
Diopter Adjustment Range	+/-4 diopters
Zoom Ratio	6
Field of View	70 Degrees
Compatible Devices	Smartphone
Low Light Technology	Night Vision
Material	Plastic

WARRANTY AND SUPPORT

Warranty Information

The Dsoon VR300 3D VR Night Vision Binoculars come with a 1-year limited warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Dsoon customer support through the retailer where the product was purchased or visit the official Dsoon website for contact information.

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