

## OhO sunshine 1920 X 1080

# OhO Smart Video Sunglasses 1920x1080 with 16MP Camera and Blue Light Filtering Lenses - Instruction Manual

Model: 1920 X 1080 | Brand: OhO sunshine

## 1. PRODUCT OVERVIEW

The OhO Smart Video Sunglasses are designed for capturing high-quality video and photos while providing eye protection. Featuring Ultra HD 1080P video recording and 16MP photo capabilities, these glasses are ideal for outdoor sports, travel, and daily life. The transitional blue light filtering lenses adapt to various lighting conditions, offering comfort and protection against eye strain.

- **ULTRA Full HD 1080P Camera:** Equipped with an ULTRA Full HD resolution camera, capable of shooting vivid 16M pixel photos using the included 32GB memory card.
- **Outdoor Sports Camera:** Comfortable to wear, these camera sunglasses are widely applicable for cycling, hunting, fishing, travel, and daily activities, preserving memorable moments.
- **Safety Glasses:** Lenses feature blue light blocking technology for computer use, reading, and gaming. These photochromic lenses change from clear to dark gray outdoors under sunlight and from dark gray to clear indoors. They are impact-resistant for eye and face protection, preventing eye fatigue, body scratches, and dirt.
- **Camera Operating Time:** The camera operates for 60 minutes with a safe rechargeable internal battery that has MSDS and UN38.3 certification.
- **Camera Storage:** Includes a 32GB Micro SD card.

## 2. PACKAGE CONTENTS

Upon unboxing your OhO Smart Video Sunglasses, please ensure all items listed below are present:

- OhO Smart Video Sunglasses (Model: 1920 X 1080)
- 32GB Micro SD Card
- USB Charging Cable
- Cleaning Cloth
- User Manual
- Protective Carrying Case

## OhO sunshine Package Photos



Front Side



Left Side



Rear Side



Right Side



Up Side



Down Side

Image: Contents of the OhO Smart Video Sunglasses package, showing the glasses, charging cable, cleaning cloth, and carrying case.

### 3. COMPONENT IDENTIFICATION

Familiarize yourself with the key components of your OhO Smart Video Sunglasses:

#### User Manual

Thank you for purchasing the 1080P Full HD Smart Glasses. Please read this user manual carefully to increase the productivity and longevity of this device.

**Instruction of buttons:**

1. ON/OFF
2. Camera Button
3. Camera Lens
4. Charge LED Indicator
5. Photo / Camera LED indicator
6. MIC
7. Micro SD Card Slot
8. USB Port
9. Reset Button

**Specifications**

- 3M pixels CMOS Camera
- MOV format: H.264 Video compressing format
- Full HD 1920\*1080P@30fps
- 16m pixel photo, JPEG
- Integrated Microphone
- Micro-SD cards up to 32 GB (not included)
- Connection: USB 2.0
- Rechargeable battery

**Accessories:**

1. Cleaning Cloth
2. 16G Micro SD card
3. Manual
4. 1M Data/Charging USB cable
5. Carry case
6. Adjusted Head strap
7. White box
8. Protective Cleaning Bag
9. UL certificated power charger
10. ANSI Z87.1 Certificated Gery Polaroid Lens

**How to Operate the Camera Glasses:**

**I. Preparation:**

1. Insert a micro SD card into the card slot (7). It is recommended that the glasses be used with a micro SD card that is above Class10. Make sure the device is off while inserting or removing the micro SD card.
2. The device has a built-in rechargeable lithium battery. Use the USB cable to charge the battery while the glasses are turned off. The charge LED indicator(4) will stay illuminated during the charging process and the red light turns off when glasses are fully charged.
3. Glasses reach full charge after 3 hours and will run about 40 minutes on a full charge.

**II. Power ON /OFF**

1. Power ON: Press the ON/OFF button (1). The camera LED indicator(5) will lighten and then the camera system is starting.
2. Power OFF: Hold on the ON/OFF button (1) for 2-3 seconds until the LED light turn off.

**III. Start to Use**

**1. To Begin Recording:**  
Turn on the glasses and the device will be in recording MODE if micro sd card inside. Press the ON/OFF button(1) once to begin recording. The red indicator light will flash while the device is recording.

**Note:** if the recording is not stopped, the file will automatically save to the micro SD card approximately every 10 minutes.

**2. To Stop Recording:**  
To stop recording, press the ON/OFF button (1) once. The red indicator light will stop blinking and go into standby mode. To resume recording, press the ON/OFF button (1) once.

**Note:**

- \* Make sure there is adequate light in the surrounding area and that the camera is not blocked.
- \* Keep the camera upright and stable.
- \* To ensure quality, do not block the microphone hole.
- \* Glasses may not properly record if the battery is low

**3. Taking Photos**  
To take photos, when device is standby mode and the LED is in solid red, Press button once to take one photo, the red LED will blink once to indicate it is capturing a photo, and will return to solid red led. Press again to have another photo.

**IV. Viewing recording information on your Computer**

1. Turn the glasses on and connect the device to your computer, using the supplied USB cable. The micro SD card will pop-up as an external drive. The recording information can then be downloaded to watch or modify the files.
2. Computer Camera: Without the external micro SD card in the glasses, plug the glasses into your computer with the USB cable. The glasses will now function as a camera for your computer, which can be used as a webcam.

**V. Trouble shooting:**

1. Insufficient micro sd card storage space: the Photo led light (5) will blink slowly for 10 seconds and turn off.
2. Low battery: the Photo led light (5) will flash fast for 10 seconds and turn off.
3. No function: Please make sure the Micro SD card is properly secured in the card slot. If the glasses stop working for any reason or are not responding, please insert a small pin end into the reset button to restart device.

**VI. Specification:**

Item	Parameters
Format	MOV
Compressing format	H264
Encoding	M-JPEG
Resolution	1920*1080@30fps
Media playing software	Window Media Player or Mainstream audio and media playing software, recommend Kmplayer
Picture format	JPG
Picture pixels	16m pixel
Supporting system	Window me/2000/XP/2003/Vista/7, 8 and 8.1 and MAC OS
Interface type	Micro USB Port
Storage support	Micro-SD(TF Card)Max.to 32GB
Battery type	High-capacity lithium polymer
Battery charge time	Approximately 3 hours by standard computer

**VII. Warning:**

**Application:** Please strictly abide to all relevant state and federal regulations and laws as it relates to camera recordings. This product should not be used for any illegal purposes. The user is fully responsible for all videos and photos captured.

**Battery:** If you have not recorded for a long time, please charge your device fully before using.

**File security:** This product is not a professional storage device. It does not guarantee the integrity and security of saved files. Please back up your important documents on the computer or other storage device timely.

**Quality:** This product is not a professional device. It does not guarantee the effect of the file to have the professional quality.

**Operating temperature:** 0-40°C. For the extension of life, it is best used at room temperature.

**Operating humidity:** 20%-80%. This product is not waterproof, avoid exposing to wet conditions, such as rainy conditions or being splashed.

**Shooting brightness:** Do not stare directly into sun light to avoid damage to built-in optical devices and your eyes.

**Cleaning:** Do not use in an environment with high dust density to avoid the contamination of camera lens or other components, such as a desert or windy beach

**Night time driving:** Not suitable for driving in twilight or at night or under conditions of dull light.

**Additional eyewear:** Some activities may require glasses support straps or protective eyewear in addition to the HD Sunglasses.

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Image: Detailed diagram illustrating the various parts of the smart video sunglasses, such as the camera lens, power button, LED indicator, and Micro SD card slot.

- **1. ON/OFF Button:** Controls power and recording functions.
- **2. Micro SD Card Slot:** Insert your Micro SD card here for storage.
- **3. Camera Lens:** Captures video and photos.
- **4. Charge LED Indicator:** Shows charging status.
- **5. Reset Button:** Used to reset the device.
- **6. USB Port:** For charging and data transfer.

## 4. SETUP

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### 4.1. Inserting and Removing the Micro SD Card

The Micro SD card slot is located on the side of the glasses arm. Gently push the card into the slot until it clicks into place. To remove, push the card again until it springs out.

Your browser does not support the video tag.

Video: Demonstration of inserting and removing the Micro SD card from the smart glasses. Ensure the card is inserted correctly for proper function.

### 4.2. Charging the Device

Connect the USB charging cable to the USB port on the glasses and plug the other end into a USB power adapter or computer. The charge LED indicator will show the charging status. A full charge typically takes about 1.5 hours.

- The camera operates for 60 minutes on a full charge.
- Standby time is approximately 4-7 days.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Power On/Off

To power on the device, press and hold the power button for 2-3 seconds until the blue LED indicator lights up. To power off, press and hold the power button until the LED indicator turns off.

Your browser does not support the video tag.

Video: Step-by-step guide on how to power on/off the smart glasses and initiate video recording and photo capture.

### 5.2. Video Recording

With the device powered on and in standby mode (blue LED solid), press the power button once to start video recording. The blue LED will flash briefly and then turn off, indicating recording is in progress. To stop recording, press the power button once. The blue LED will light up again, returning to standby mode.

- Ensure the camera lens is clean and unobstructed for clear footage.
- Avoid recording in dark areas as video quality may be reduced.

### 5.3. Photo Capture

To take a photo, ensure the device is in standby mode (blue LED solid). Press the power button twice quickly. The blue LED will flash briefly and then return to solid blue, indicating a photo has been taken.

### 5.4. Data Transfer

Connect the glasses to your computer using the supplied USB cable. The computer should recognize the device as a removable disk. You can then access the recorded videos and photos on the Micro SD card. Alternatively, you can remove the Micro SD card and insert it into a card reader for faster transfer.

### 5.5. Audio Features

The smart glasses feature open-ear audio for listening to music and taking calls while remaining aware of your

surroundings. Use the touch controls on the side of the glasses for playback, pause, and skipping tracks. The integrated microphone with noise cancellation ensures clear communication during calls.

## 6. MAINTENANCE

- Clean the lenses regularly with the provided cleaning cloth to maintain optical clarity.
- Avoid exposing the glasses to extreme temperatures or direct sunlight for prolonged periods.
- Store the glasses in their protective case when not in use to prevent scratches and damage.
- The glasses are water-resistant against light rain and sweat but are not suitable for swimming or prolonged water immersion.

## 7. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged. If the issue persists, try resetting the device using the reset button.
- **Recording issues:** Check if the Micro SD card is inserted correctly and has sufficient free space. Ensure the camera lens is clean.
- **Poor video/photo quality:** Ensure adequate lighting. Avoid recording in very dark conditions.
- **Lenses not changing color:** Photochromic lenses react to UV light. Ensure they are exposed to direct sunlight for activation.

## 8. SPECIFICATIONS

Feature	Detail
Video Resolution	ULTRA Full HD 1080P
Photo Resolution	16MP
Internal Storage	32GB Micro SD Card (included)
Battery Life (Recording)	Approx. 60 minutes
Standby Time	Approx. 4-7 days
Lens Type	Blue Light Blocking, Photochromic, Impact-resistant
Frame Material	TR90 Nylon
Weight	50 grams

## 9. WARRANTY INFORMATION

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OhO sunshine products are covered by a limited warranty against defects in materials and workmanship. Please refer to the product packaging or contact customer support for specific warranty terms and conditions.

## 10. SUPPORT & CONTACT

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For further assistance, troubleshooting, or product inquiries, please visit the OhO sunshine store on Amazon or contact our customer support team.

**Online Support:** OhO sunshine Amazon Store