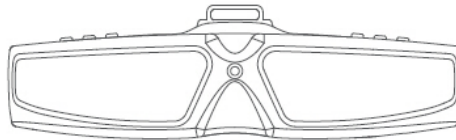


GHOSTDRONE 2.0

EHANG VR GOGGLES

OPERATING MANUAL



EHANG

GHOSTDRONE 2.0 created by EHang, Inc.

Model: GVR-200B (Bluetooth+2.4GHz data transmission+5.8GHz video transmission,the 5.8G is receive only)
GVR-200W (WIFI+2.4GHz data transmission+5.8GHz video transmission,the 5.8G is receive only)

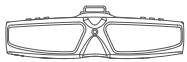
Disclaimer

Before using EHang VR goggles, please read the operating manual carefully and familiarize yourself with the operations, warnings and applications. Please avoid improperly installing antennas, using non-proprietary charger or gimbal. EHang shall not bear any liability or responsibility of the damage of the VR goggles, the gimbal, the camera, the copter or any other related accessories or the accidents arisen from improper use.

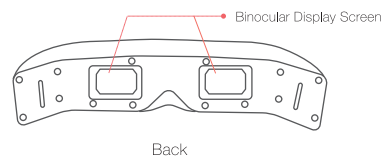
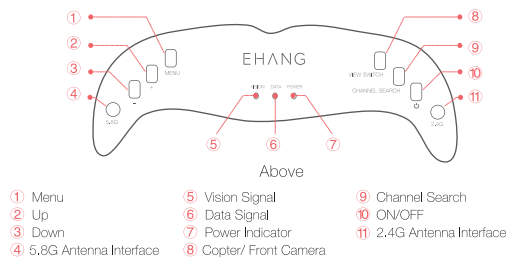
■ Introduction

EHang VR goggles features data and real-time video transmission functions. While wearing the goggles, users can easily see real-time image through head tracking as well as adjusting pitch angles of the camera which is attached on GHOSTDRONE 2.0.

■ Packing List

 VR Goggles*1	 5.8G Antenna*1
 2.4G Antenna*1	 USB Cable*1
 VR Goggles Carry Case*1	 Goggles Cleaning Cloth*1

■ Diagram



Back



Bottom

■ Specifications

Communication	Bluetooth /Wi-Fi + 2.4 GHz data transmission + 5.8 GHz video transmission
Weight	255 g
Power	4.5 W
Charging Voltage	DC 5 V
Battery	3.7 V 1500 mAh
Image Size	800*480
Interpupillary Distance	63 mm
Battery Life	about 60 min

■ Charging the Goggles

Please use EHang USB cable for charging. It takes about 3 hours to fully charge the goggles.

Power Indicator Status:

Charging: Slow Flashing

Fully Charge: Off

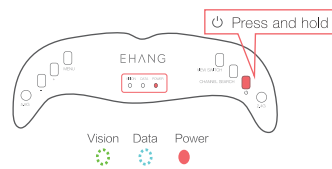


■ Instructions

1. Install 5.8G antenna and 2.4G antenna to the corresponding antenna interfaces;



2. Press and hold the power button to turn the VR goggles on. Power indicator displays solid red. DATA signal indicator flashes blue.



3. Bluetooth / Wi-Fi Connection

- 1) Android version: Launch the App to search for Bluetooth connection. Once the connection is established, the DATA signal indicator will display solid blue.
- 2) iOS version: Turn the iPhone's Wi-Fi switch on. Once the Wi-Fi connection is established, launch the App, then the DATA signal indicator will display solid blue. And confirm Wi-Fi connection in App.



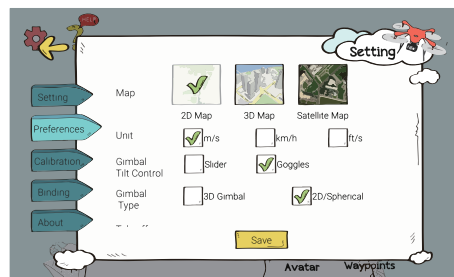
4. Tap "Bind" in the App, then turn on the GHOSTDRONE 2.0, data will be showed on the App interface once binding successfully.

5. Press CHANNEL SEARCH button to automatically search for the right channel. Vision signal indicator turns solid green from flashing when connection is successfully established.

Note: If the image is not clear enough, press CHANNEL SEARCH button to search again.



6. Choose 'Goggles' in settings in App before flight.



7. Put on the VR goggles, the gimbal can be controlled to adjust the pitch angle by looking up or down. Thus users can adjust the camera angle.



8. Press and hold the power button to turn off the VR goggles if not in use.

Note:

1. Press VIEW SWITCH button to switch from video transmission mode to front camera. Users can watch the front view through the front camera. To switch back to video transmission mode, press this button again.
2. After automatically searching the channel successfully, the channel will be recorded and no need to search again next time.

■ Menu Settings

The parameters in the menu have been correctly set to general settings before delivery. Adjust only when necessary.

When turning the goggles on, press the MENU button to enter the menu. Press "+" or "-" button to move up or down to choose the parameter for adjustment. Press the MENU Button again to select the parameter. Adjust the parameter with the "+" or "-" button. Press MENU Button again to exit.

B	6	Brightness
S	10	Saturation
C	8	Contrast
CH	17	Current 5.8G Channel (Adjustable)
CH	SRCH	5.8G Automatically Search Channel
RESET DATA		Reset to Factory Settings
CONNECT ON		Connection Status
ANGLE +-90		Head Tracking Angle
EXIT MENU		Exit Menu

Note: After entering menu, if no further command is given in 2 seconds, the menu will disappear.

Indicator Lights Instructions



Vision Data Power

Power Indicator		Power On
		Battery life $\leq 30\%$
		Charging
		Power Off/ Fully Charged
Data Signal Indicator		Searching for Bluetooth
		Bluetooth/ Wi-Fi Connects Successfully
		Power Off
Vision Signal Indicator		Image Transmission Mode On
		Searches Channel Successfully.
		Power off/ Switch to Front Camera

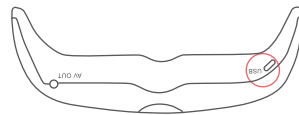
Legend

High Frequency Flash
 Medium Frequency Flash
 Low Frequency Flash
 Solid
 Off

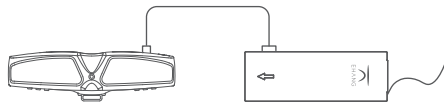
Note: DATA indicator light of Android version VR goggles shows the Bluetooth connection status; DATA indicator light of iOS version VR goggles shows the Wi-Fi connection status.

■ VR Goggles Charging

You can charge the VR goggles by connecting it to a PC with a USB cable. When charging through a USB adapter, the required input current is 500 mA or higher.



Bottom



Charging VR Goggles (with power adapter)

Note: VR goggles can also be charged with EHang power adapter for GHOSTDRONE 2.0. VR goggles and smart flight battery can be charged with power adapter at the same time.

■ Warnings

1. Keep the smartphone and the VR goggles within 3 meters when using the goggles.
2. Use the goggles in widely open space. Avoid using it in dangerous areas (such as near cliffs.)
3. Those have eye diseases are not suggested to use the VR goggles.
4. It is suggested not to wear the VR goggles constantly for over 90 minutes.
5. When the battery life of the goggles is less than 10%, it is not suggested to keep using it. Please charge before using it again.
6. Please get familiar with the Menu and the buttons' functions before using the VR goggles.
7. Do NOT use the goggles in direct sunlight (Please use the goggles in less than 30 minutes if you have to use in direct sunlight)
8. Do NOT disassemble or damage the case of the goggles.
9. Do NOT pierce or damage the adjustable headband.
10. Do NOT leave the battery on combustibles or unattended when charging for a long time.
11. Do NOT bend the antennas of the goggles. If the antennas are damaged due to improper use, EHang will not offer complimentary maintenance.

■ Storage Instructions

1. Please store the goggles at a room temperature.
2. The goggles must be stored in places away from children, water, fire especially heat.
3. Do NOT discard batteries in general household waste. Damaged or unusable goggles batteries must be disposed in containers specially reserved for this purpose. When disposing of batteries, follow appropriate local guidelines and regulations.

■ Warranty

Strict quality control will be conducted before delivery. Please read the manual and get familiar with the operations before use. 6 months' warranty is guaranteed for problems not caused by users' improper use. Removal of the products' manufacturing label will be regarded as waiver of warranty. We will not offer complimentary maintenance if the label is removed or damaged. But limited warranty is still provided.

■ Contact Us

Business Hour: Monday – Friday 10:00 A.M – 6:00 P.M (PST)
Customer Service Phone: +1 650-533-8554 / 888-800-7056
Customer Service Email: support@ehang.com

EHang, Inc. reserves all right to interpret this warranty.

The maximum operating ambient temperature of the equipment declared by the manufacturer is 40°C

The SAR limit of Europe is 2.0 W/kg. Device types VR Goggle Set has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body is 0.197 W/kg. This device was tested for typical body-worn operations with no distance between the back of the handset and the body. To maintain compliance with RF exposure requirements, use accessories that maintain a 0cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

Hereby, Guangzhou EHang Intelligent Technology Co.,Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the declaration of conformity, visit the Web site <http://www.ehang.com/>

CE 0700

Notice: Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all member states of the European Union (EU)

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help
- This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types VR GOGGLES (FCC ID: 2ADPF-GVR-200W) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on head is 0.052W/kg.