

3D SMART GLASSES

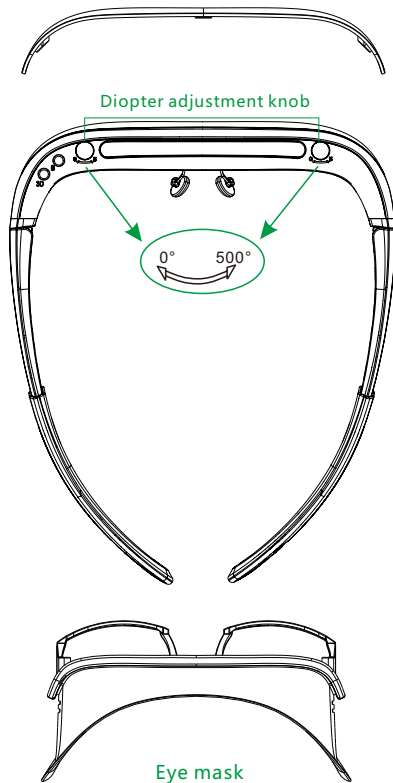


Video Glasses V 20 (3D SMART GLASSES)

User manual

Function Introduction(3D Glasses)

Replaceable magnetic lens



Operation Guide(3D Glasses)

1. Power on

Connect the USB to the DC 5V output power first, then connect the HDMI to the device, and the 3D glasses can display normally.

2. Power off

Unplug the HDMI and USB cables, the 3D glasses will shut down.

3. 3D switch

If you need to switch 3D, long press the 3D switch button for 2 seconds to switch between 2D/3D.

4. Volume adjustment

Press the 3D button to adjust the volume.

5. Brightness adjustment

Press the B button to adjust the brightness.

6. Diopter adjustment

Rotate the adjustment knob according to the marked direction to adjust the diopter size. The adjustment range is 0~-5.0D (0-500 degrees for myopia).

7. External headphone

This product comes with dual directional sound speakers, you can listen to the sound normally after wearing it. Supports external 3.5mm headphone. Plug in the headphone to automatically switch the sound to the headphone.

Operation Guide(3D Glasses)

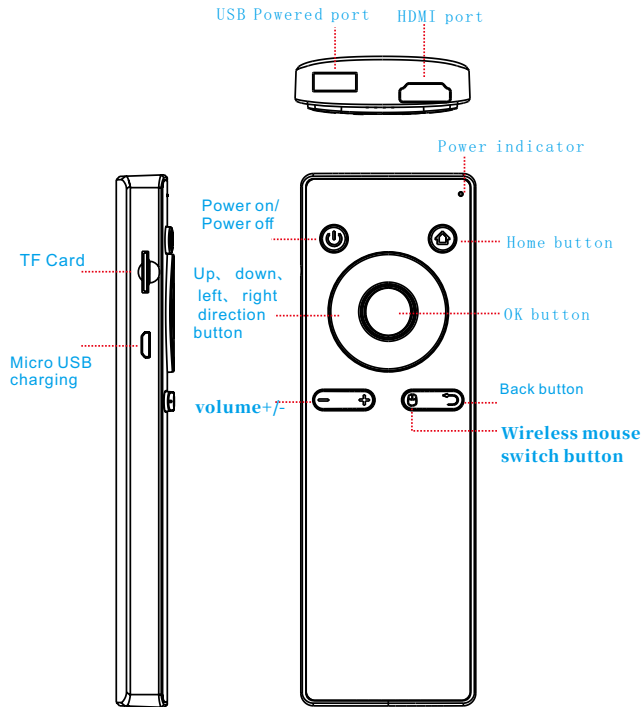
8. Note

When the power supply of the HDMI output device is insufficient, it may cause the glasses to display abnormally or black screen. Please connect the USB to the DC5V power supply.

Technical Parameter (3D Glasses)

Item	Parameter
Display	1920*1080*2,PPI up to 4496
Brightness	1800cd/m2
Contrast	50000:1
Refresh rate	60-90Hz
Lens	A group of multiple resin lenses
Diopter	0-500 degrees adjustable for myopia
Interface	HDMI interface+USB
Eye relief	11mm
Exit pupil	6mm
Sound	Directional sound speaker,3.5mm headphone
Operational control	Button
Power consumption	2.5 W
Usage environment	Temperature :-10°C---60°C Humidity: <95%
Dimension	186x155x46 mm

Function Introduction(Smart Controller)



Function Introduction(Smart Controller)

Micro USB --- External power supply charging , connect computer.

HDMI port --- HDMI signal output, connect the device with HDMI interface.

USB_A port --- Power DC 5V for external HDMI device, external OTG device.

Power indicator --- Indicates the power-on/off status of the product, the blue light is displayed when the product is powered on, and the red light flashes when the battery is low. When the product is powered off, the indicator light is off. Indicates the charging status, the red light is displayed when the battery is turned off and charging, and the blue light is displayed when the battery is fully charged.

Power button --- Long press for about 1S to control the power on/off of the smart controller.

Home button --- Return to the main interface.

Back button --- Back to previous page.

Wireless mouse switch button --- Toggle between button control mode and wireless mouse control mode.

TF card --- Maximum support for 256GB storage expansion.

Volume +/- --- Adjust volume

Operation Guide(Smart Controller)

1. Power on

Long press the Power button for about 1 second, the power indicator light turns blue, release the button, indicating that the product is powered on.

2. Connect this 3D head mounted display

After the smart controller is powered on, connect the 3D glasses HDMI port and USB port.

3. Power off

Long press the Power button for about 1 second, the system will enter the shutdown state. After waiting for 5 seconds, the power indicator will turn off, indicating that the shutdown is complete.

4. Charge

Connect the charger to charge through the Micro USB interface, support 5V/2A input. When it is powered off, it is connected to the USB port to charge, and the indicator light turns red. When fully charged, the indicator light turns blue. After the indicator light turns blue, it can continue to charge for 0.5 hours to make the battery fully charged.

5. WiFi connection

Settings → Network & Internet → Wi-Fi

6. Bluetooth connection

Settings → Device Preferences → Bluetooth

Operation Guide(Smart Controller)

7. Introduction to the main interface



- Media Center ---- Support document, picture, audio, video file playback, Not support AC3, DTS audio decoding
- Play Store ---- APP download
- WIFIDisplay ---- Connect to the same WIFI, which can mirror the screen projection.
- Lightning ---- Web browser
- FileExplorer ---- File Manager
- DLNA ---- DLNA screen projection, TV screen projection
- MXPlayer Pro ---- Video player, support AC3, DTS audio decoding

Technical Parameter (Smart Controller)

Item	Parameter
CPU	Quad-core Cortex-A53, frequency up to 1.5GHz
GPU	Mali -450 MP2 ,Support OpenGL ES1.1/2.0
RAM	2GB LPDDR3
ROM	16GB EMMC
Storage expansion	Maximum support 128GB TF card
WIFI	Wi-Fi Dual-band 1X1 11ac +Bluetooth 4.2
Battery	18.5Wh 3.7V Li-ion rechargeable battery
Charge	DC 5V / 2A
Port	Micro USB HDMI output,USB OTG
Operator	Control Button, wireless mouse
Power consumption	2 W
Use environment	Temperature: -10°C--60°C Humidity: <95%
Dimension	158x50x14.5 mm
Weight	150 g

Product List

Main part: 3D glasses, Smart Controller
Accessories: Eye mask, Headband ,Cleaning cloth, User manual

V20 HMD connected to different devices

Sketch map

Contents

01	Connect-Smart controller
02	Connect- Wireless screen projector
03	Connect- Android Type-C phone/tablet
04	Connect-iPhone/iPad
05	Connect- Laptop (HDMI interface)/computer
06	Connect- Laptop (Type-C interface)/computer
07	Connect-PS game console
08	Connect-Switch game console
09	Connect- Xbox game console
10	Connect- Blu-ray Disc Player
11	Connect- Drone (HDMI interface)

01 V20 HMD + Smart controller

• Sketch map •



Schematic diagram of connecting different devices

02 V20 HMD + Wireless screen projector

• Sketch map •



Schematic diagram of connecting different devices

03 V20 HMD + Android Type-C phone/tablet

• Sketch map •



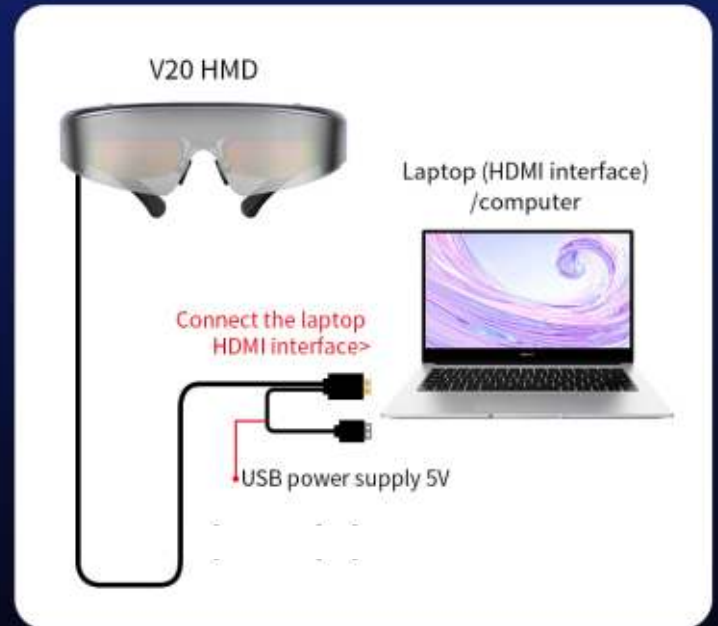
04 V20 HMD + Phone/iPad

• Sketch map •



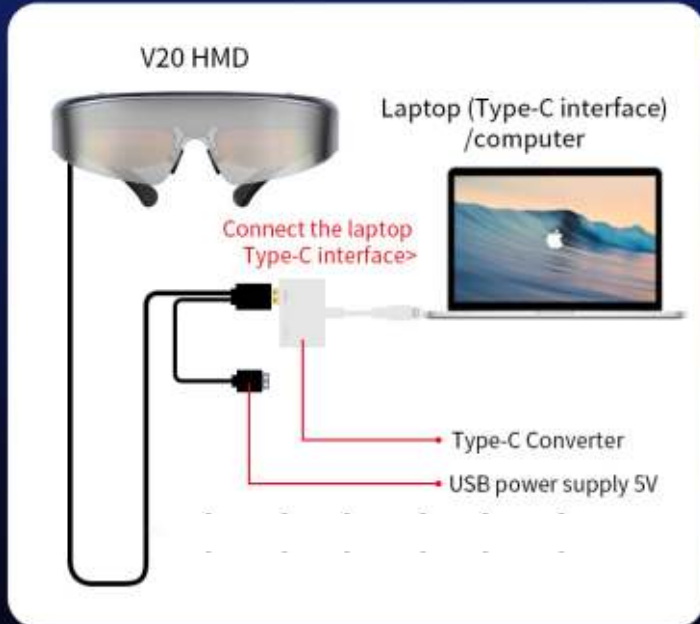
05 V20 HMD + Laptop (HDMI interface)/computer

• Sketch map •



Schematic diagram of connecting different devices

06 V20 HMD + Laptop (Type-C interface)/computer • Sketch map •



Schematic diagram of connecting different devices

07 V20 HMD + PS game console • Sketch map •



08 V20 HMD + Switch game console

• Sketch map •



09 V20 HMD + Xbox game console

• Sketch map •



10 V20 HMD + Blu-ray Disc Player

• Sketch map •



11 V20 HMD + Drone (HDMI interface)

• Sketch map •

