



VISION 3D



G20HD USER'S GUIDE



Instruction Buttons:

- 1.ON/OFF/Video Recording button
- 2.Photo taking button
- 3.Video recording LED indicator
- 4.Photo taking LED indicator
- 5.Charging LED indicator
- 6.Microphone
- 7.Micro SD card slot
- 8.Micro USB port
- 9.Reset button
10. HD camera

Specifications:

- 3M pixels CMOS Camera sensor
- MOV Video format
- H.264 Video compressing format
- Full HD 1920*1080P@30fps
- 16M pixel photo
- Integrated Microphone
- Micro SD cards max to 32 GB
- Connection: USB 2.0
- Operating voltage: 3.8 V
- Rechargeable battery 3.8 V 780 mAh high capacity

How to Operate the Glasses

I. Preparation:

- 1.Insert the microSD card into the card slot (7). It is recommended that the glasses be used with a microSD card that is above Class10. Make sure the device is off while inserting or removing the microSD card.
- 2.The device has a built-in rechargeable lithium battery. Use the USB cable and UL certificate power charger to charge the battery while the glasses are turned off. The charge LED indicator(5) will stay solid 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 for 90 minutes around on a full charge.

II. Power ON /OFF

1. Power ON: Press the ON/OFF button (1) , The camera LED indicator(3) 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:

Press the ON/OFF button(1) , the red indicator light will flash after 8 seconds and start 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 return 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 audio, do not block the microphone hole.
- * Videos 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 taking a photo, and will return to solid red led. Press again to have another photo.

IV. Viewing videos and pictures on your Computer

Turn the glasses off and connect the device to your computer, by the supplied USB cable. The micro SD card will pop-up as an external drive. The photos and videos can then be downloaded to watch or modify the files.

V. Trouble shooting:

1. Insufficient micro sd card storage space: the photo led light (4) will blink slowly for 10 seconds and turn off.
2. Low battery: the Photo led light (4) 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
Video format	MOV
Video compressing format	H264
Video encoding	M-JPEG
Video resolution	1920*1080@30fps
Media playing software	Window Media Player or Mainstream audio and video media playing software, recommend Kmpayer
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	780mAh high-capacity lithium polymer
Battery charge time	Approximately 3 hours by standard computer

SETTINGS

The camera settings can be accessed in the "init.txt" file located in the "settings" folder on the camera drive. Please carefully follow the instructions below to change the camera settings.

Accessing the "Settings" file [init.txt]

1. Connect the camera using the included Micro USB cable.
2. Select the camera drive and open the "init.txt" file located in the "Settings" folder. Please use one of the programs listed below to open the file.

Open with window: Notepad
Open with macOS@: TextEdit

3. Open the file and edit the settings like in the example below. Please do not change the format and spacing in the file. Save the file with the updated settings.

```
2018-08-28 11:01:00Y [DateTime Watermark{Y/N}]
1080 [Videosize{1080/720/480}]
N [Format{Y/N}]
```

4. Copy the saved file onto the root level of the camera drive (not inside any folder). The settings will automatically update when the camera is turned on. The copied file on the root level will automatically be deleted after the update.

Time and Date:

To change the time and date on the camera, edit the text line like in the example below to the required setting.

Note: Selecting "Y" will show the time and date in the video nd photo files.

```
2018-08-28 11:01:00Y [DateTime Watermark{Y/N}]
```

Video Mode:

To change the "Video Mode" on the camera, edit the text line like in the example below to the required setting.

```
1080 [Videosize{1080/720/480}]
```

Video Modes:

The camera can be set to the following "video Modes"

```
1080 = 1920 x 1080p/ 30fps
720 = 1280 x 720p/ 60fps
480 = 640 x 480p/ 120fps
```

Reformat the memory

The built-in memory can be automatically reformatted by selecting "Y", like in the text example shown below. Firstly, please ensure all videos and photos are removed from the camera before reformatting.

```
N [Format{Y/N}]
```

Note: It is good practise to regularly reformat the built-in memory to avoid corruption.

If you're having difficulties with your camera, or would like further assistance, please call our toll-free technical support hotline at 800-441-1100. Please be sure to have your camera handy when calling.



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