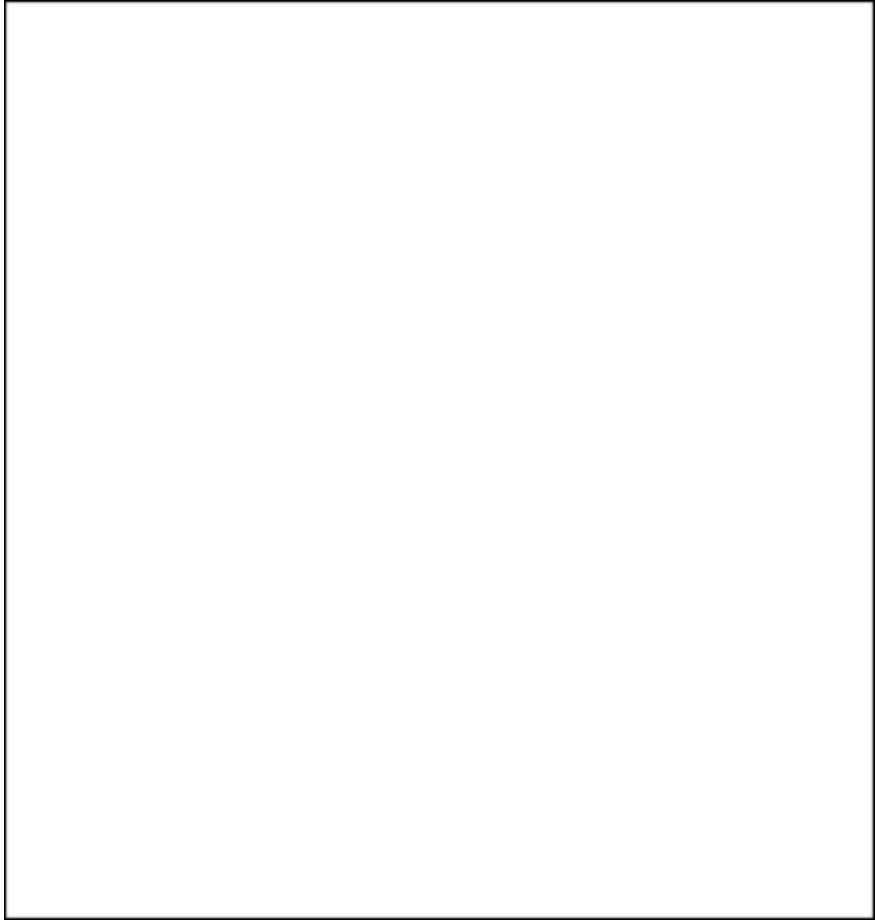
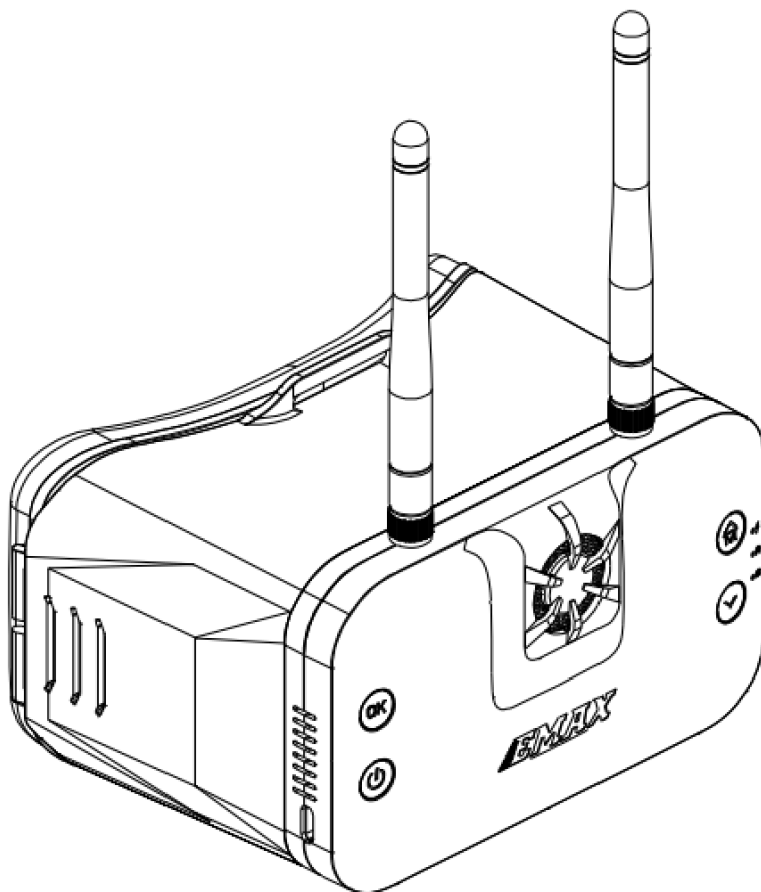


EMAX Transporter II HD





www.emaxmodel.com
www.emax-usa.com

感谢您购买本产品，请按照本手册的要求使用EMAX
Transporter II HD

Thanks for purchasing Emax Transporter II HD. Please follow the instruction manual to assemble and configure your product.

免责声明

用户在使用本产品前,请认真阅读本声明,一旦使用本产品,即视为对本声明全部内容的认可与接受。未满18周岁的未成年人不合适使用本产品。

本产品是专门为FPV穿越飞行而设计的一款高清眼镜,可以以第一人称视角实时观看摄像头画面,动态图像或变化光线可能会使您感到眩晕,或者失去平衡感,或者可能产生其他的不适感。因此,在使用本产品时,请认真阅读使用说明书及注意事项,使用时确保供电系统良好和操作正确,如造成人身伤害,财产损失(直接或间接损害),我司不承担任何民事及法律责任。

disclaimer

Before using this product, please read this statement carefully. Upon use of this product, you accept all responsibility of understanding the contents of this manual. Minors under the age of 18 are not suitable to use this product.

This product is an HD Zero specially designed for FPV flight. You can watch the camera screen in real time from the first-person perspective. Dynamic images or changing light may make you feel dizzy, or lose your sense of balance, or may cause other discomfort. Therefore, when using this product, please read the instruction manual and precautions carefully, and ensure that the power supply system is in good condition and operated correctly when using this product. If it causes personal injury or property loss (direct or indirect damage), our company will not bear any civil and legal responsibilities .

注意事项

1. 请按说明书正确指引组装和操作本产品。
2. 请避免摔落、撞击本产品,以免发生故障。
3. 请避免长时间使用,以免导致身体不适。
4. 在使用过程中感到任何不适,请立刻停止使用,并在医生许可之后继续使用本产品。

5. 不要在喝酒，吸毒，药物麻醉，头晕，乏力或精神状态不佳的情况下使用本产品。
6. 不要自行拆卸，改装和超配置要求使用其他零件和配件。
7. 不要使用破损的显示模块，以免引发短路、起火等。
8. 不要将本产品及显示模块放入水中。
9. 不要在恶劣环境下（如大风、雨天、闪电、下雪等）使用本产品。
10. 不要在强电磁的环境下使用本产品。

Precautions

1. Please assemble and operate this product according to the instruction manual.
2. Please avoid dropping or bumping this product to avoid malfunction.
3. Please avoid prolonged use, so as not to cause physical discomfort.
4. If you feel any discomfort during use, please stop using it immediately, and continue to use this product after the doctor's permission.
5. Do not use this product when drinking, taking drugs, drug anesthesia, dizziness, fatigue or poor mental state.
6. Do not disassemble by yourself, modification and over-configuration require the use of other parts and accessories.
7. Do not use a damaged display module to avoid short circuit, fire, etc.
8. Do not put this product and display module into water.
9. Do not use this product in harsh environments (such as strong wind, rain, lightning, snow, etc.).
10. Do not use this product in a strong electromagnetic environment.

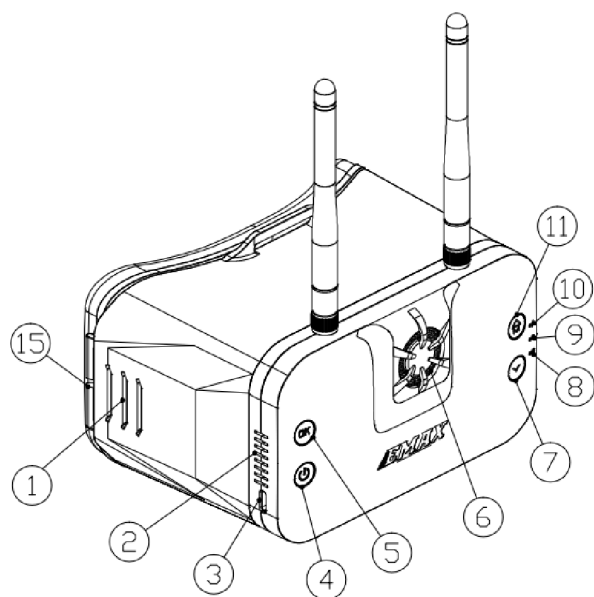
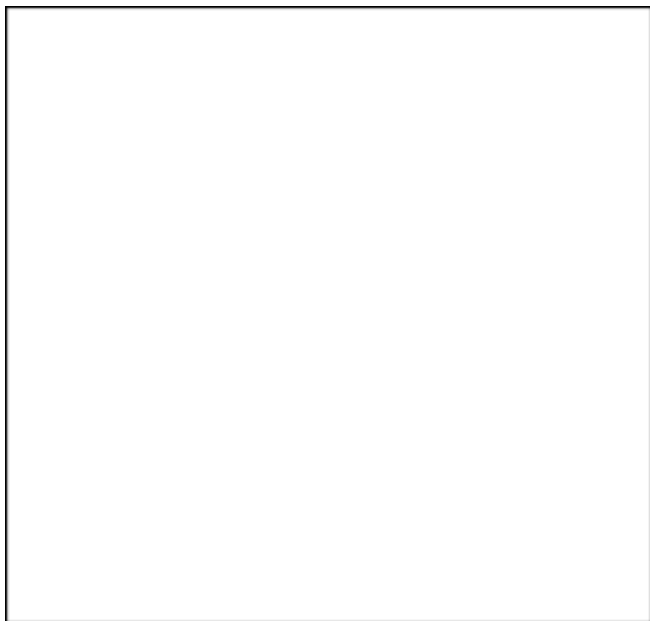
HD眼镜使用说明

简介说明：

Emax Transporter II HD是一款数字高清接收FPV飞行眼镜，具备高清视频录制（DVR）功能，提供 FPV 行业内领先的低延迟图传技术，实时、稳定、流畅的 FPV 视频传输特性，支持标准的5.8GHz 视频信道，可以同时满足多名飞行员全质量飞行。并且通过菲涅尔透镜的完美配合，必将带给你“飞”一般的体验！

HD Goggle introduction:

Emax Transporter II HD is a digital high-definition receiving FPV flight goggles, with high-definition video recording (DVR) function, providing FPV industry-leading low-latency image transmission technology, real-time, stable and smooth FPV video transmission characteristics, supporting standard 5.8 GHz video channel, which can meet the full quality flight requirements of multiple pilots at the same time. And through the perfect cooperation of the Fresnel lens, it will definitely bring you a "flying" experience!



1.距离调节卡槽

2.换气口

3.TYPE-C充电口

4.开关机按键

5.确定按键

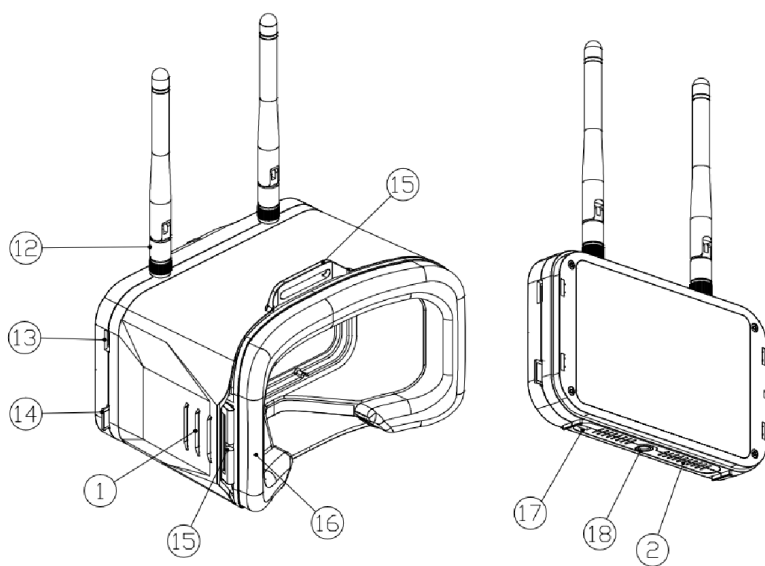
6.风扇

7.向下按键

8.固件更新指示灯

9.录像指示灯

10.充电指示灯



11.向上/菜单按键

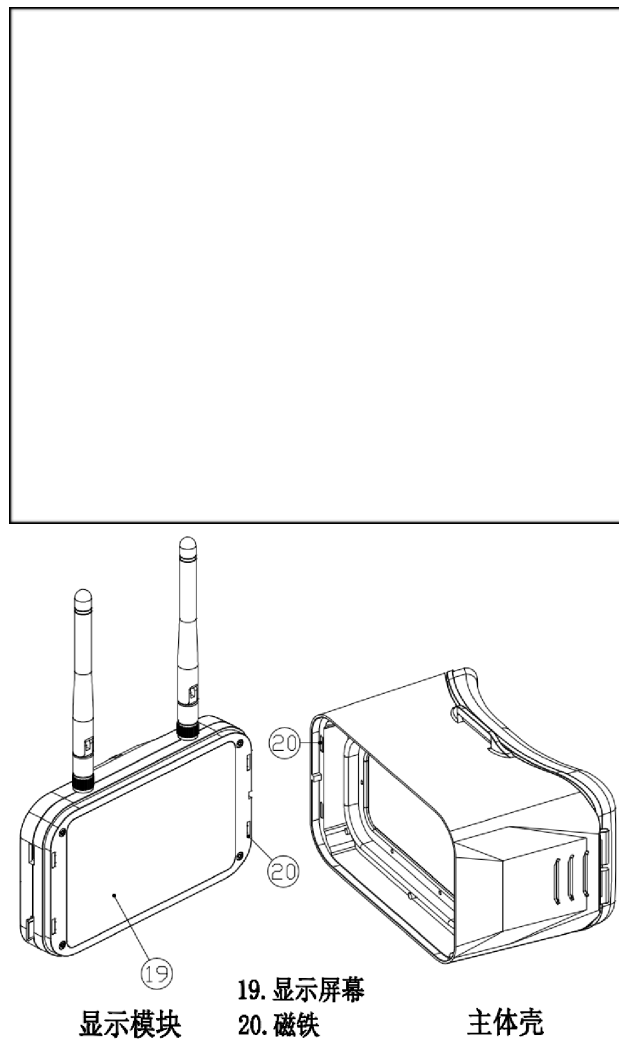
12.天线

13.固件升级接口

14.TF (microSD) 卡接口

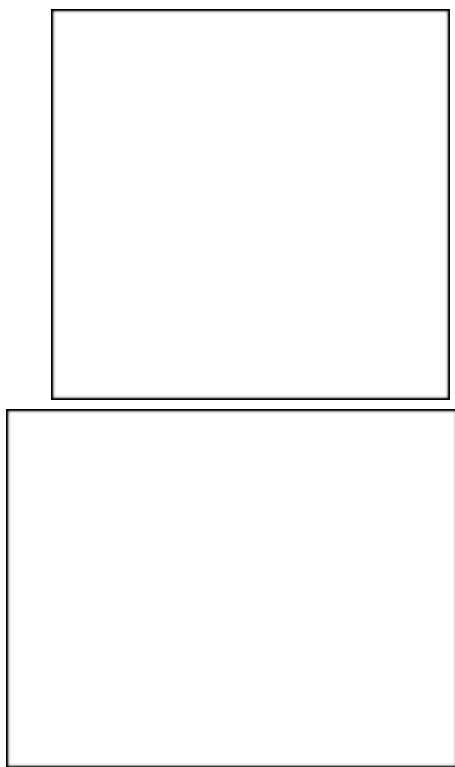
- 15.头带挂孔
- 16.贴脸海绵
- 17.Boot开关
- 18.外接使用连接口

安装与使用

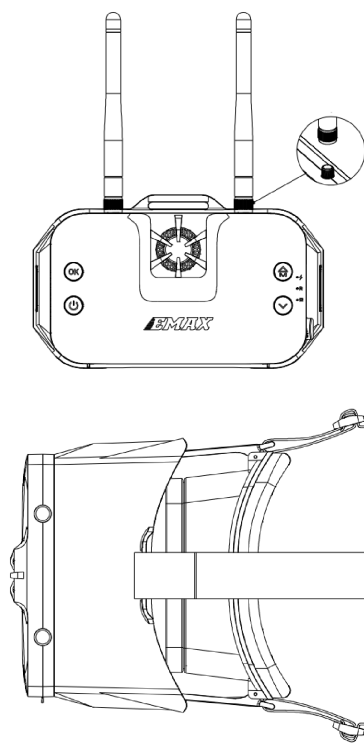


飞行眼镜两大部分：显示模块和主体壳，通过磁铁可以组合在一起，也可以分开。

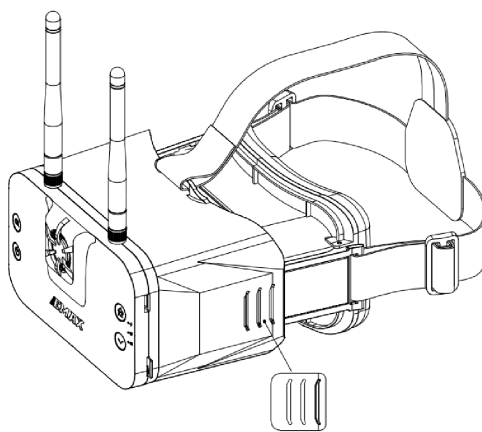
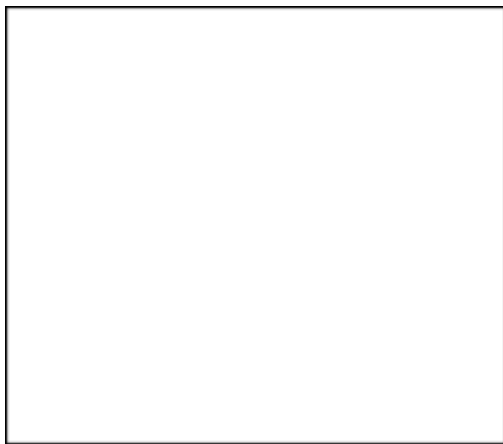
There are two parts of the goggle: the display module and the main shell, which can be combined or separated by magnets.



安装天线



安装头带



3种距离调节卡槽，可以调节3种不同的距离，
调节时请注意左右两边调节卡槽需保持一致。

操作说明 Instructions



向上/菜单按键 SCAN模式时，长按进入预览模式，再次长按进入菜单栏模式；预览模式下短按进入频道循环切换（R1-R2-R3-R4-R5-R6-R7-R8-F2-F4）；菜单栏模式下，选项短按增加，长按退出当前模式；回放视频选择模式下，长按退出当前模式；回放视频模式下，短按逆向播放视频。

When the up/menu button is in SCAN mode, press and hold to enter preview mode, press and hold again to enter menu mode; press to enter channel cycle switching in preview mode

(R1-R2-R3-R4-R5-R6-R7-R8-F2- F4); In the menu mode, press to increase the option, press and hold to exit the current mode; in playback video selection mode, press and hold to exit the current mode; in playback video mode, press to play the video in reverse.



向下按键 预览模式下，短按进入频道循环切换（R1-R2-R3-R4-R5-R6-R7-R8-F2-F4）；预览模式下，长按显示亮度条，短按向下按键屏幕亮度减少，短按向上按键屏幕亮度增加，再次长按向下按键关闭亮度条；菜单栏模式下，选项短按减少；回放视频模式下，短按正向播放视频。

Down key In preview mode, press to enter channel cycle switching (R1-R2-R3-R4-R5-R6-R7-R8-F2-F4); in preview mode, press and hold to display brightness bar, press down key The screen brightness decreases, press the up button to increase the screen brightness, press and hold the down button again to turn off the brightness bar; in the menu mode, press the option to decrease; in playback video mode, press to play the video in the forward direction

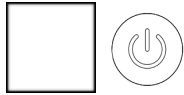


确定按键 短按确定；预览二、手动录像模式下，长按进入手动录像模式，再次长按关闭录像

（录像时：录像指示灯绿色闪烁，屏幕录像圆点红色常亮）。

OK button press to confirm; preview 2. In manual recording mode, press and hold to enter manual recording mode, press and hold again to turn off recording

(During video recording: the video recording indicator flashes green, and the screen recording dot is solid red).



开关机按键 长按开机，进入SCAN模式；再次长按关机；

（开机状态下，录像指示灯绿色常亮）。

Power button press and hold to power on, enter SCAN mode; press and hold again to power off;

(In the power-on state, the video indicator light is always green).



TYPE-C充电口 DC/5V充电（建议：开机状态下充电5V 3A，关机状态下充电 5V1A）；

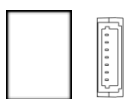
可连接5V3A的外部电源（电流太低可能会导致供电不足）。

（警告：请勿使用大于5V电压的外部电源或者电源适配器，否则可能导致本品烧毁！！）

TYPE-C charging port DC/5V charging (recommendation: charge 5V 3A in the power-on state, charge 5V1A in the power-off state);

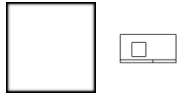
An external power supply of 5V3A can be connected (too low current may cause insufficient power supply).

(Warning: Do not use an external power supply or power adapter with a voltage greater than 5V, otherwise it may cause the product to burn out!!!)



固件升级连接口（VTX、摄像头等固件升级用）

Firmware upgrade connection port (for VTX, camera, etc. firmware upgrade)



Boot开关（注意：正常使用时，请保持按键在左边）

Boot switch (note: in normal use, please keep the button on the left)



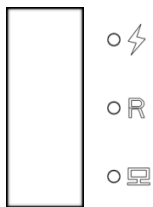
TF (microSD) 卡连接口 建议使用内存8-32GB TF卡（C10高速TF卡）。

TF (microSD) card connection port It is recommended to use a TF card with a memory of 8-32GB (C10 high-speed TF card).



天线连接口 SMA-KY（外螺纹内孔）

Antenna connection port SMA-KY (external thread inner hole)



充电指示灯（充电状态，红灯常亮；充满电状态，绿灯常亮）。

录像指示灯（开机状态，绿灯常亮；录像状态，绿灯闪烁亮；固件更新时，绿灯常亮）。

固件更新指示灯（固件更新时，绿灯常亮；Boot更新时，绿灯常亮）。

Charging indicator light (charging state, the red light is always on; fully charged state, the green light is always on).

Recording indicator light (the green light is always on in the power-on state; the green light is flashing on in the video recording state; the green light is always on when the firmware is updated).

Firmware update indicator (when the firmware is updated, the green light is always on; when the Boot is updated, the green light is always on).



产品规格

重量	约425g （含头带及天线）
外形尺寸	145 x 155 x 92mm （不含天线） 145 x 155 x 190mm （含天线）

屏幕尺寸 4.45寸
屏幕分辨率 720*1080
工作频率 5658-5917MHz (R1-R2-R3-R4-R5-R6-R7-R8-F2-F4 共10个频道)

天线 自带2根增益为3dB的线性天线，可使用其他SMA头内针天线

DVR功能 建议使用内存8-32GB TF卡 (C10高速TF卡)，录像格式TS、MOV

电池 内置一节 2200mAh-2C锂电池

充电功能 DC/5V充电 (建议：开机状态下充电5V 3A，关机状态下充电 5V1A)；

外部电源功能 可连接5V3A的外部电源 (电流太低可能会导致供电不足)。

(警告：请勿使用大于5V电压的外部电源或者电源适配器，否则可能导致本品烧毁!!!)

product specification

Weight about 425g (including headband and antenna)

Dimensions 145 x 155 x 92mm (without antenna) 145 x 155 x 190mm (with antenna)

Screen size 4.45 inches

Screen resolution 720*1080

Working frequency 5658-5917MHz (R1-R2-R3-R4-R5-R6-R7-R8-F2-F4 total 10 channels)

Antenna Comes with 2 linear antennas with a gain of 3dB, other SMA head internal pin antennas can be used

DVR function It is recommended to use 8-32GB TF card (C10 high-speed TF card), video format TS, MOV

Battery built-in a 2200mAh-2C lithium battery

Charging function DC/5V charging (recommendation: charge 5V 3A in the power-on state, charge 5V1A in the power-off state);

External power supply function Can be connected to an external power supply of 5V3A (too low current may cause insufficient power supply).

(Warning: Do not use an external power supply or power adapter with a voltage greater than 5V,
otherwise it may cause the product to fail)

系统设置菜单栏

Scan ----- 显示当前频道（R1-R8、F2、F4共10个频道）
Playback ----- 回放视频功能（显示视频数量，TF卡可用容量）
Format SD-Card ----- 格式化TF(microSD)卡
Record Mode ----- 录像模式（自动/手动模式）
Record Format ----- 录像格式（MOV/TS格式）

Record OSD ----- 录像OSD（录像时是否保留屏幕上的OSD, 是/否）

Auto Scan ----- 自动扫描（是否打开自动扫描）

About ----- 关于版本信息、制造商等内容

System settings menu

Scan ----- Display the current channel (R1-R8, F2, F4 a total of 10 channels)

Playback ----- Playback video function (display video number, TF card available capacity)

Format SD-Card ----- format TF (microSD) card

Record Mode ----- Recording mode (automatic/manual mode)

Record Format ----- Video format (MOV/TS format)

Record OSD ----- Record OSD (whether to keep the OSD on the screen when recording, yes/no)

Auto Scan ----- Automatic scanning (whether to open automatic scanning)

About ----- About version information, manufacturer, etc.

DVR功能

1. 自动录像模式

HD眼镜满足（1.1 有效视频信号（非黑屏）；1.2 TF(microSD)卡可用空间超过200MB）两条件时，

开机连接视频信号后，即可进入自动录像模式，此时“录像指示灯”绿色闪烁，“屏幕录像圆点”

红色常亮，则表示已进入录像状态。

1. Automatic video recording mode

When the HD goggles meet the two conditions (1.1 valid video signal (non-black screen); 1.2 TF (microSD) card available space exceeds 200MB),

After booting up and connecting the video signal, you can enter the automatic recording mode, at this time the "recording indicator light" flashes green, and the "screen recording dot"

If the red is always on, it means that it has entered the recording mode.

2. 手动录像模式

HD眼镜满足（1.1 有效视频信号（非黑屏）；1.2 TF(microSD)卡可用空间超过200MB）两条件时，

开机连接视频信号后，长按“确定按键”进入手动录像模式，此时“录像指示灯”绿色闪烁，“屏幕

录像圆点”红色常亮，则表示已进入录像状态；

再次长按“确定按键”则关闭录像，此时“录像指示灯”绿色常亮，“屏幕录像圆点”灰色常亮。

注意：TF(microSD)卡内存满时，DVR录制自动停止，而实时视频输出不受影响；没有插入TF(microSD)

卡或内存不足，则不会录制视频。

2. Manual recording mode

When the HD goggles meet the two conditions (1.1 valid video signal (non-black screen); 1.2 TF (microSD) card available space exceeds 200MB),

After booting up and connecting the video signal, press and hold the "OK button" to enter the manual recording mode, at this time the "recording indicator" flashes green, and the "Screen Recording Dot" turns red, indicating that it has entered the recording state.

Press and hold the "OK button" again to turn off the video recording. At this time, the "Recording Indicator" turns green and the "Screen Recording Dot" turns gray.

Note: When the TF (microSD) card is full, the DVR recording will stop automatically, but the real-time video output will not be affected; no TF (microSD) is inserted

If the card or internal memory is insufficient, the video will not be recorded.

TF (microSD) 卡:

使用前，请先进行格式化操作

1. 使用HD眼镜系统设置菜单中的“格式化选项”进行格式化操作。（建议使用此格式化操作）；
2. 当使用电脑端格式化操作时，请选择“文件系统”为“FAT32”，“分配单元大小”为“64KB”；
3. 建议使用内存容量为8-32GB，读写速度C10及以上的 TF卡。

TF (microSD) card: Please format before use

1. Use the "Format option" in the HD goggles' system setting menu to format. (this formatting action is recommended);
2. When using the computer to format, please select "FAT32" for "File System" and "64KB" for "Allocation Unit Size";
3. It is recommended to use a TF card with a memory capacity of 8-32GB and a read/write speed of C10 or above.

Note: When the TF card needs to be formatted, it is recommended to select the "HD goggles format option" to format.

注意：当TF卡需要格式化时，建议选择“HD眼镜格式化选项”进行格式化操作。

屏幕亮度调节:

预览模式下（包括预览一（无视频信号）和预览二（有视频信号）两种模式）：

长按“向下按键”显示亮度条，短按“向下按键”屏幕亮度减少，短按“向上按键”屏幕亮度增加，

再次长按“向下按键”关闭亮度条。

Screen brightness adjustment:

In preview mode (including preview 1 (without video signal) and preview 2 (with video signal) two modes):

Press and hold the "down button" to display the brightness bar, press the "down button" to decrease the screen brightness, press the "up button" to increase the screen brightness,

Press and hold the "Down button" again to turn off the brightness bar.

回放视频功能:

系统设置菜单栏中，选择“Playback”选项，短按“确定按键”进入“回放视频选择模式”；选中视频，

短按“确定按键”播放视频，进入“视频回放模式”，短按“向上/菜单按键”逆向播放视频，短按

“向下按键”正向播放视频，短按“确定按键”暂停播放视频；此时，长按“向上/菜单按键”退回

“回放视频选择模式”，再次长按“向上/菜单按键”退回“系统设置菜单模式”。

Playback video function:

In the system settings menu, select the "Playback" option, press the "OK button" to enter the "playback video selection mode"; select the video,

Press the "OK button" to play the video, enter the "video playback mode", press the "up/menu button" to play the video in reverse, press

"Down button" plays the video in the forward direction, press the "OK button" to pause the video; at this time, press and hold the "Up/Menu button" to return

"Playback video selection mode", press and hold the "up/menu button" again to return to the "system setting menu mode".

固件更新（常规更新）：

更新步骤如下：

1. 格式化TF (microSD) 卡，HD眼镜关机；
2. 在电脑端把Emax Transporter II HD固件更新压缩包解压到TF (microSD) 卡根目录下；
3. 把TF (microSD) 卡插入HD眼镜，开机，此时“录像指示灯”、“固件更新指示灯”绿色常亮，等待

“Success”等的提示信息，指示灯熄灭，则表示更新成功。



中，请确保HD眼镜正常供电；

注意：a. 更新过程

b. 请确保“Boot开关”在左边，如图所示。

Firmware update (regular update):

The update steps are as follows:

1. Format the TF (microSD) card and turn off the HD goggles;
2. Unzip the Emax Transporter II HD firmware update package on the computer to the root directory of the TF (microSD) card;
3. Insert the TF (microSD) card into the HD goggles, turn it on, at this time the "recording indicator" and "firmware update indicator" are always green, wait "Success" and other prompt information, if the indicator light is off, it means the update is successful.

Note: a. During the update process, please ensure that the HD goggles are powered normally;

b. Please make sure the "Boot switch" is on the left, as shown in the picture.

固件更新（Boot模式）：

当HD眼镜不能够正常启动时（如风扇转动，但是没有图像输出等），请切换至Boot模式再次更新固件，

步骤如下：

1. 格式化TF(microSD)卡，HD眼镜关机；



2. 在电脑端把Emax

Transporter II HD固件更新压缩包解压到TF(microSD)卡根目录下；

3. 用镊子将“Boot开关”拨至右边，如图所示；

4. 把TF(microSD)卡插入HD眼镜，开机，此时“固件更新指示灯”绿色常亮，等待绿灯熄灭（整个过

程大概持续5分钟），注意更新过程中请保持HD眼镜的正常供电；

- 5.“固件更新指示灯”绿灯熄灭后，关机，把“Boot开关”拨回左边，更新完成。

Firmware update (Boot mode):

When the HD goggles cannot be started normally (for example, the fan rotates, but there is no image output, etc.), please switch to the Boot mode to update the firmware again.

Proceed as follows:

1. Format the TF (microSD) card and turn off the HD goggles;
2. Unzip the Emax Transporter II HD firmware update package on the computer to the root directory of the TF (microSD) card;
3. Use tweezers to move the "Boot switch" to the right, as shown in the figure;
4. Insert the TF (microSD) card into the HD goggles and turn it on. At this time, the "firmware update indicator" is always green, wait for the green light to go out (the whole process The process lasts about 5 minutes), please keep the normal power supply of the HD goggles during the update process;
5. After the green light of the "firmware update indicator" goes out, turn off the machine, turn the "Boot switch" back to the left, and the update is complete.

关于产品的废弃

About the disposal of the product

本产品（塑胶壳体，内含印刷电路板，锂电池），需要废弃时，请根据当地的住宅垃圾处理规则进行废弃处理。

Please follow the local residential waste disposal rules when this product (main case/display module, display module built-in battery) is discarded.

感谢用户使用本公司产品！

Thanks for choosing EMAX products !



请确保“Boot开关”在左边，以便正常使用HD眼镜！

请勿遮挡换风口，风扇口，以便正常使用HD眼镜！

再次提醒，避免长时间使用，以免导致身体不适。在使用过程中感到任何不适，请立刻停止使用，并在

医生许可之后继续使用本产品。未满**18**周岁的未成年人不合适使用本产品！

Warning:

Please make sure the "Boot switch" is on the left so that the HD goggles can be used normally!

Do not cover the air vents and fan ports so that the HD goggles can be used normally!

Remind again, avoid prolonged use, so as not to cause physical discomfort. If you feel any discomfort during use, please stop using it immediately and

Continue to use this product with the approval of a physician. Minors under the age of 18 are not suitable to use this product!

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