

# ***ARRIS EV800D 5.8G FPV GOGGLES***

## ***User's manual***

***With DVR***



***Thank you for your choose and buy the products from ARRISHOBBY.***

### ***Main Feature:***

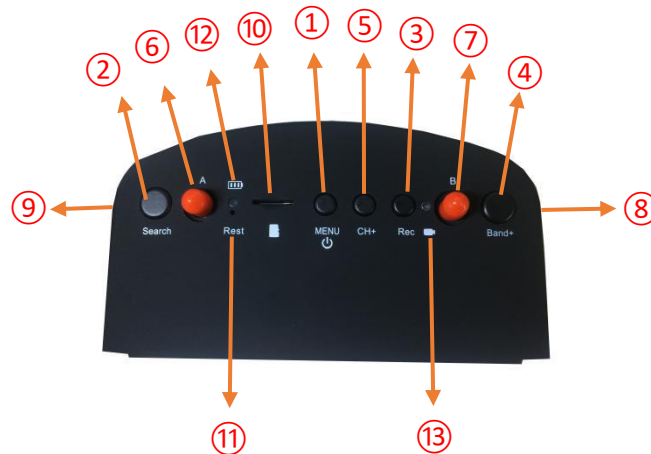
- With DVR, you can record videos anytime and anywhere;
- Low power consumption;
- Double antenna reception to make the signal more stable;
- Auto-Searching, support a key search frequency;
- 5 Inch 800\*480 dot high brightness LCD screen;
- Built-in super sensitiveness 5.8GHz 40ch receiver, especially with RaceBand;
- Built-in 3.7V/2000mAh high-capacity Li-ion polymer Battery;
- Universal USB charging interface;
- Real-time video return, Very low time-delay;
- Bilingual menu in support of Chinese and English;
- Support external video signal input;
- Support Audio signal output (You can connect headphones)

### Specification:

Model	
Name	5.8G FPV Goggles
LCD Screen	Screen size: 5 Inch
	Resolution: 800*480
	Display Ratio: 16:9
	View Angle: 6 o'clock
	Brightness: 300cd/m <sup>2</sup> with high brightness backlight LED
Video delay	Video time-delay less than 20ms
Lens	2.8X Fresnel Lens, 92% transparent rate no distort of light
Interface	Antenna 2 X RP-SMA male
	USB To charge the battery
	AV Jack External video signals input or internal Audio signal output
	Card slot TF-Card, Support up to <b>64G(C10 recommend)</b>
DVR	REC size: VGA / D1 / HD <i>Selectable</i>
	REC sound: ON / OFF <i>Selectable</i>
	REC time: OFF / 3min / 5min / 10min <i>Selectable</i>
	Frame rate: 30 Frames
	Compress format: MJPEG
	Record file format: AVI
Languages	English and Chinese
Power Supply	Power adapter: DC5V/2A (USB interface)
	Battery: 3.7V/2000mAh, DVR module ON: Each full charge revive around <b>2.5hr</b> working time DVR module OFF: Each full charge revive around <b>3.5hr</b> working time
	Power Consumption: * Normal mode: The device operating current of 400mA at 3.7V; * Record Mode : The device operating current of 620mA at 3.7V; * Built-in battery maximum charge current of 500mA;
Wireless	<b>Frequency Table(MHz)</b>
	<b>Band A</b>
	<b>Band B</b>
	<b>Band E</b>
	<b>Band F</b>
	<b>Band R</b>
Body	Dimension: 180mm * 140mm * 84mm
	Weight: 393g(with headband, not included antennas)

**\* Note: Cannot record video input from AV port. \***

## Description:



- ① **Key 1:** Short press into MENU mode; Long press (More than 2 sec) for Power ON/OFF.
- ② **Key 2:** Short press for Auto-Searching; Long press (More than 1.5 sec) into AV mode.
- ③ **Key 3:** Short press to start or stop Recording.
- ④ **Key 4:** Short press for Band+ (Change bands A-B-E-F-R circularly).
- ⑤ **Key 5:** Short press for Channel+ (Change channels 1-2-3-4-5-6-7-8 circularly).
- ⑥ **Antenna port A:** RP-SMA male.
- ⑦ **Antenna port B:** RP-SMA male.
- ⑧ **AV Jack:** In RF receiving mode can output Audio signal; In AV mode can enter the video signal.
- ⑨ **Micro-USB Charging port:** Supports DC5V only.
- ⑩ **Card slot:** Used for inserting memory card.
- ⑪ **RESET:** Power Reset.
- ⑫ **Charging indicator:** When is charging, the red light is on; When is full, the green light is on.
- ⑬ **REC indicator:** Show the different working states of the DVR module.

### Menu Instructions:

In the normal mode, press **Key 1** to enter the MENU mode.

#### In MENU mode:

**Key 1:** Scroll options bar.

**Key 2:** Auto-Searching.

**Key 3:** Invalid.

**Key 4:** Enter / Value +.

**Key 5:** Enter / Value -.

### Playback Instructions:

In the menu mode, select the "DVR" option bar to enter the DVR mode.

#### In DVR mode:

**Key 1:** Return / Quit Playback mode.

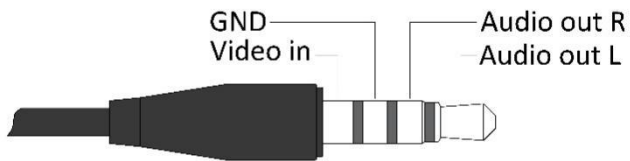
**Key 2:** Delete current file.

**Key 3:** Play / Pause.

**Key 4:** Forward selection of video / Fast Forward (When video is playing).

**Key 5:** Backward selection of video / Fast Rewind (When video is playing).

### ***AV port Instructions:***



### ***Dimension Diagram:***

*Not included antennas and headband.*



### ***Safety instruction:***

- 1. Read the entire instruction manual to become familiar with the features of the product before operating.***
- 2. Age Recommendation: Over 14 years old. Using any near eye displays on children under 14 can cause eye development problems. This is not a toy.***
- 3. Please avoid wet or humid environments.***
- 4. Please use standard USB charger, charging voltage can only be 5V.***
- 5. Audio output and Video input cannot work at the same time.***