

5.8GHz FPV GOGGLES

User Manual

With DVR



Features

- Built-in DVR for recording anytime and anywhere
- Low power consumption
- Dual-antenna reception for more stable signal reception
- One-button auto scan for quick frequency search
- 4.3-inch 800 x 480 high-brightness LCD screen
- Built-in high-sensitivity 5.8GHz 40-channel receiver, including RaceBand
- Built-in 3.7V / 2000mAh high-capacity Li-ion polymer battery
- Universal USB charging interface
- Real-time video display with ultra-low latency
- Bilingual menu support: Chinese and English
- Supports external video input
- Supports video signal output

Thank you for choosing our product.

Specifications

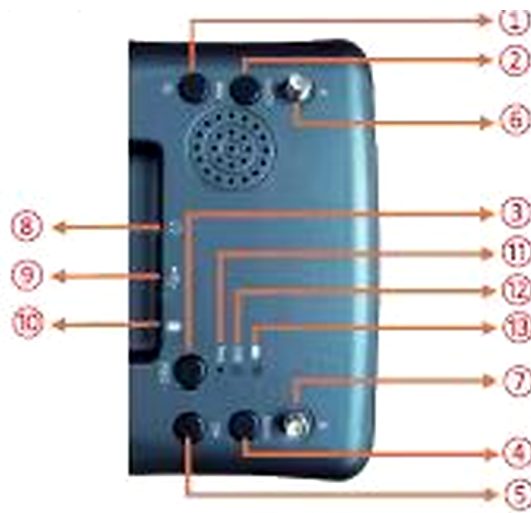
Section	Item	Specification
General	Product Name	5.8G FPV Goggles
LCD Screen	Screen Size	4.3-inch IPS
	Resolution	800 x 480 pixels
	Display Ratio	16:9
	Viewing Angle	Full-view
	Brightness	500cd/m ² high-brightness LED backlight
Performance	Video Latency	Less than 20ms
Lens	Lens Type	2.8x Fresnel lens, 92% light transmittance, low distortion
Interface	Antenna	2 x RP-SMA male
	USB	Battery charging port
	AV Jack	External video signal input or internal audio signal output
	Card Slot	TF card, supports up to 32GB (Class 10 recommended)
DVR	Recording Resolution	VGA / D1 / HD (selectable)
	Recording Time	OFF / 3min / 5min / 10min (selectable)
	Frame Rate	30fps
	Compression Format	MJPEG
	Recorded File Format	AVI
Languages	Menu Languages	English and Chinese
Power Supply	Power Adapter	DC5V/2A (USB interface)
	Battery	3.7V / 2000mAh
	Operating Time (DVR ON)	Approx. 2.5 hours per full charge
	Operating Time (DVR OFF)	Approx. 3.5 hours per full charge
	Power Consumption	Normal mode: 400mA at 3.7V
		Recording mode: 620mA at 3.7V
		Built-in battery max. charging current: 500mA
Body	Dimensions	155mm x 144mm x 113mm
	Weight	300g (with headband, antennas not included)

Frequency Table (MHz)

Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865	5845	5825	5805	5785	5765	5745	5725
B	5733	5752	5771	5790	5809	5828	5847	5866
E	5705	5685	5665	5645	5885	5905	5925	5945
F	5740	5760	5780	5800	5820	5840	5860	5880
R	5658	5695	5732	5769	5806	5843	5880	5917

* Note: Video input from the AV port cannot be recorded.

Description



No.	Control / Interface	Function
1	Key 1	Short press: enter menu mode; long press (>2s): power on/off.
2	Key 2	Short press: auto scan; long press (>1.5s): enter AV mode.
3	Key 3	Start / stop recording.
4	Key 4	Band+; cycles through A-B-E-F-R.
5	Key 5	Channel+; cycles through 1-2-3-4-5-6-7-8.
6	Antenna Port A	RP-SMA male.
7	Antenna Port B	RP-SMA male.
8	AV Jack	RF mode: audio output; AV mode: video input.
9	Micro-USB Port	Charging input, DC5V only.
10	Card Slot	Memory card slot.
11	RESET	Power reset.
12	Charging Indicator	Red while charging; green when fully charged.
13	REC Indicator	Indicates DVR operating status.

Menu Instructions

Mode	Key	Function
Normal mode	Key 1	Enter MENU mode.
MENU mode	Key 1	Scroll through menu items.
	Key 2	Auto scan.
	Key 3	Invalid.
	Key 4	Enter / Value +.
	Key 5	Enter / Value -.

Playback Instructions

In menu mode, select the DVR option to enter playback mode.

Mode	Key	Function
DVR mode	Key 1	Return / exit playback mode.
	Key 2	Delete the current file.
	Key 3	Play / pause.
	Key 4	Select next video / fast forward during playback.
	Key 5	Select previous video / fast rewind during playback.

AV Port Instructions



Dimension Diagram

Antennas and headband not included.



Safety Instructions

- 1 Read the full manual before operation so that you are familiar with all product features.
- 2 Recommended age: 14+. Near-eye displays may affect visual development in children under 14. This product is not a toy.
- 3 Do not use the product in wet or humid environments.
- 4 Use a standard USB charger only. Charging voltage must be 5V.
- 5 Video output and video input cannot be used at the same time.