

5.8GHz FPV GOGGLES

User Manual

With DVR

Model: 008D Pro



Features

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

Thank you for choosing our product.

Specifications

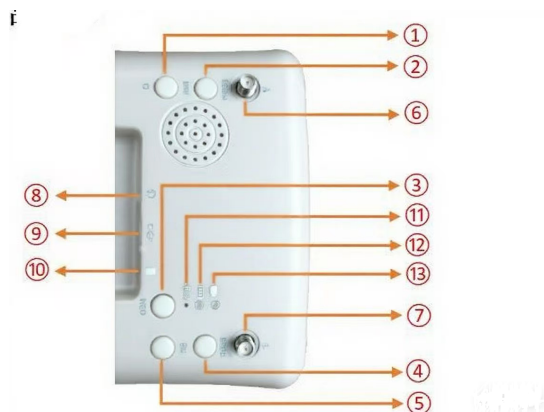
Section	Item	Specification
General	Model	008D Pro
	Product Name	5.8G FPV Goggles
LCD Screen	Screen Size	4.3-inch
	Resolution	800 x 480
	Aspect Ratio	16:9
	Viewing Angle	Full-view
	Brightness	500cd/m2 high-brightness LED backlight
Performance	Video Latency	<20ms
Lens	Lens Type	2.8x Fresnel lens, 92% light transmittance with minimal image distortion
Interface	Antenna	2 x RP-SMA male
	USB	Battery charging interface
	AV Jack	External video signal input or output
	Card Slot	TF card, 32GB (Class 10 recommended)
DVR	Recording Size	VGA / D1 / HD (selectable)
	Recording Time	OFF / 3min / 5min / 10min (selectable)
	Frame Rate	30fps
	Compression Format	MJPEG
	Recorded File Format	AVI
Languages	Menu Language	Chinese / English
Power Input	Adapter	DC5V/2A, supports DC5-23V wide-voltage charging
	Battery	3.7V / 2000mAh
	DVR ON Runtime	Approx. 2.5 hours per full charge
	DVR OFF Runtime	Approx. 3.5 hours per full charge
Power Consumption	Normal Mode	400mA @ 3.7V
	Recording Mode	620mA @ 3.7V
	Max Charging Current	500mA
Body	Dimensions	155mm x 144mm x 113mm
	Weight	300g (with headband, antennas not included)

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

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

Product Description



1. **Key 1:** Short press to enter MENU mode; long press for more than 2 seconds to power on/off.
2. **Key 2:** Short press to start auto scan; long press for more than 1.5 seconds to enter AV mode.
3. **Key 3:** Short press to start or stop recording.
4. **Key 4:** Short press for Band+; cycles through A-B-E-F-R.
5. **Key 5:** Short press for Channel+; cycles through channels 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:** Outputs video signal in RF receiving mode; accepts video input in AV mode.
9. **Micro-USB Charging Port:** Supports DC5-23V wide-voltage charging.
10. **Card Slot:** For inserting a memory card.
11. **RESET:** Power reset.
12. **Charging Indicator:** Red while charging; green when fully charged.
13. **REC Indicator:** Indicates different DVR operating states.

Menu Instructions

In normal mode, press **Key 1** to enter menu mode.

In MENU mode:

Key 1: Scroll through menu options.

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 DVR mode.

In DVR mode:

Key 1: Return / exit playback mode.

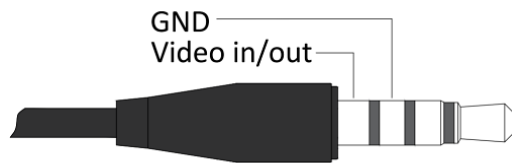
Key 2: Delete current file.

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 entire user manual before operation and become familiar with the product functions.
2. Recommended age: 14 years and above. Use of any near-eye display by children under 14 may affect eye development. This product is not a toy.
3. Do not use the product in wet or humid environments.
4. Use a standard USB charger only. The charging voltage must be 5-23V.
5. Video output and video input cannot operate at the same time.