



5.8G FPV VR GOGGLES/DVR/MINI

Varifocal • Glasses Fit • Replay

Diversity RaceBand 40ch Auto-Searching with

Mini 3 Inch 900*600px HD LCD

Built-in 3.8V/2000mAh Battery



[Http://www.eachine.com](http://www.eachine.com)

EV800DM

Thank you for choosing EV800DM 5.8GHz FPV VR Goggles

Features:

- Built-in with super HD DVR up to 720*576px resolution
- Diversity RaceBand 40ch Auto-Searching
- Two system (Display/Record duo core separated chipsets) ensure no delay in displaying and no frame lost in recording(please use C10 super speed card to ensure the full frame recording)
- Work friendly with pilot-OSD, no block on the important flying OSD information;
- Focal length adjustable design;
- HD high brightness 3 inch LCD specially tuned for FPV racing;
- Diversity function, Built-in super sensitive 5.8GHz 40ch receiver module, with RaceRand;
- Advanced auto-searching function and the working frequency show on screen;
- Built-in 3.8V 2000mAh battery, each full charge offer 2.2 hours working time;
- Wide range re-charge voltage 5-18V;
- Accept 2S or 3S batteries as back-up power source, to prolong the working time;
- Nice ergonomic design and fit different faces;
- Super-wide visible angle up to 82 degree;
- 92% transparent lens adopted, no distort, no blur on the edge of screen;
- Light weight 320g with 2.2 hr 2000mAh battery, RTF for any scale racing game;
- 3 Inch 900*600px HD high brightness LCD

Description :

Varifocal

20mm focal length adjustable;
Multi stop points design for vertical individual user adjust;
For more users with different eyesight

Glasses Fit

Fit for wear with glasses;
Glasses Fit Size; 140mm*40mm;
Focal length need to be reset when wear glasses

Appearance

Dimension: 150*170*80mm
Weight: 320g without antenna
Belt : three-way adjustable belt

Specification

Build in DVR
Record up to 720*576px full frame rate video, no frame lost (C10 card required)
Re play in MENU
Require C10 card to record full frame rate

Diversity

-90dB Super sensitiveness in 2pcs RX5808 PRO modules
Great performance when two types (Linear and Omni) antennas are used

Display

Screen size: 3.0 inch

Screen resolution: 900*600(No blur after enlarge by the lens)

Screen brightness: 600cd/m² with special high brightness backlight LED for outdoor FPV

Ratio : 4:3

View Angle: 140/120 degree(Horizontal/Vertical)

Lens

3x boost of the video to acquire intense feel-in-there video;

92% transparent rate distort if light;

Battery

Built-in 3.8V/2000mAh battery;

Each battery circle offer around 2.2hr working time;

5-18V wide range recharging voltage range, typical recharging with 5V/2A

Charger : 5V, 2A, DC 2.5mm

2S (7.4 V) /3S(11.1V) battery as back-up power t to have long working time

Frequencies (5.8GHz, with RaceBand)

| FR \ CH | CH1 | CH2 | CH3 | CH4 | CH5 | CH6 | CH7 | CH8 |
|-----------|------|------|------|------|------|------|------|------|
| Fr1 or(A) | 5865 | 5845 | 5825 | 5805 | 5785 | 5765 | 5745 | 5725 |
| Fr2 or(B) | 5733 | 5752 | 5771 | 5790 | 5809 | 5828 | 5847 | 5866 |
| Fr3 or(E) | 5705 | 5685 | 5665 | 5645 | 5885 | 5905 | 5925 | 5945 |
| Fr4 or(F) | 5740 | 5760 | 5780 | 5800 | 5820 | 5840 | 5860 | 5880 |
| Fr5 or(R) | 5658 | 5695 | 5732 | 5769 | 5806 | 5843 | 5880 | 5917 |

Design

VARIFOCAL



GLASSES FIT



Optional parts(purchase separately)

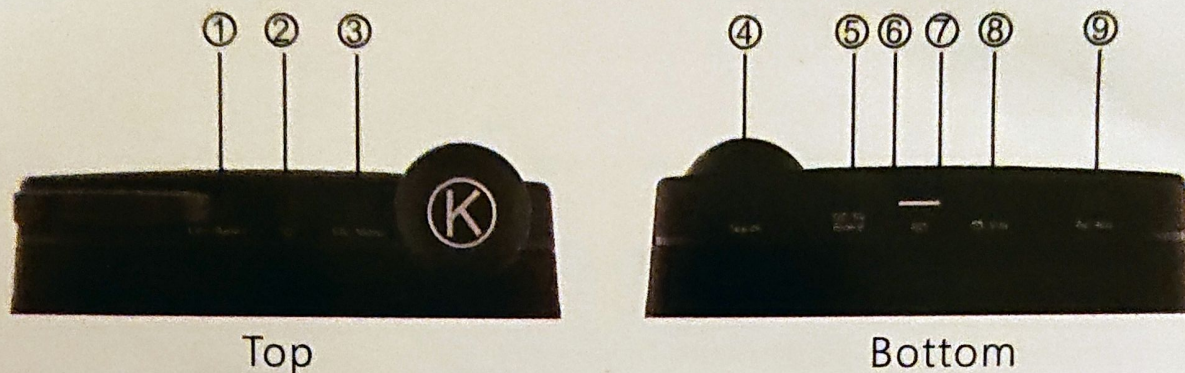
• Optical lens



• Charging cable(3S - DC2.5)

• Charging cable(JST - DC2.5)

Buttons and ports



1) CH+/Band+

Short press this button select CH 1-8 cycles

Long press this button select BAND A,B,E,F and R cycles

2) POWER and RETURN

Long press to boot/shut down.

Short press during working as return

3) SRC/MENU

Short press to select from video sources V-in/RF A/RF B/Diversity

Long press to call out MENU

4) SEARCH

Press to automatically search for the signals;

5) CHARGING PORT

DC 5-18V wide range recharging port/ power backup port, typically @ 5V/2A ;

6) RESET

Reset hole. Shut down device when necessary;

7) TF CARD SLOT

Support up to 32G, typical @ C10;

8) VIDEO IN / AUDIO OUT PORT

Video input @ AV in mode; Audio output @ RF mode;

9) Pic/Rec

Short press to take a screen shoot and save picture.

Long Press to start recording a video ,then a short press to save video.

In MENU operations, press ③ to shift down to select settings; press ④ as + settings; press ① as - settings.

Charging indicator LED: charging-red; full charged- green.