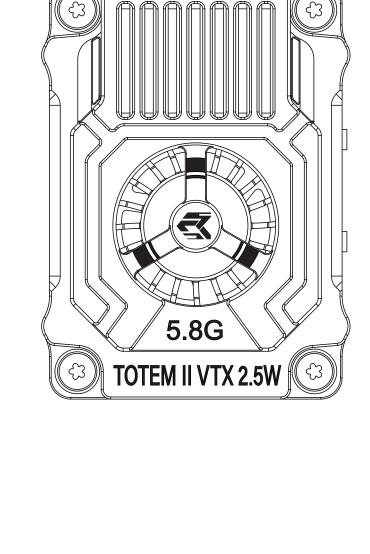


TOTEM II 5.8G 2.5W VTX Product description



4: Impedance: 75Ω 5: Dimensions: 39.2×29×12.5mm

Specifications

6: Connector: MMCX

1: Input Voltage: DC 7-36V(2-8S)

3: Operating temperature: -10~60°C

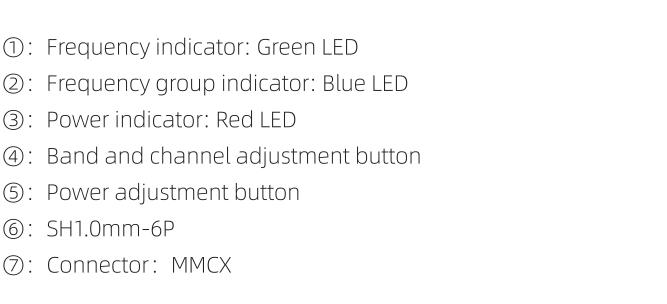
2: Power Consumption: 120-860mA(12V/25mw-2500mW)

- 8: Protocol: IRC Tramp 9: Weight: 15.8g
- 10: Mounting: 25.5*25.5mm/M2

7: Format: NTSC/PAL

- 11: Power Output: 25mW/400mW/800mW/1500mW/2500mW/Pit
- **Buttons and LED indicator definition**

(5) 1 6 4



-RX-IRC -GND

-7-36V IN

GND:GND

7-36V IN:2-8S

RX-IRC:IRC Tramp

2500mW

48CH 5.8GHz

MADE IN CHINA

③

 \bigcirc

NA NT

VIDEO:VIDEO

GND:GND

5V-OUT:5V

2

How to:

see the picture below for details!

CH₁

1 Flash

cycling between these five settings.

as shown in the diagram below.

Continuous

CH1

5865

BETAFLIGHT

BETAFLIGHT

USB VCP

UART2

UART3

UART4

UART5

UART6

CH

BAND

Band A

Band B

Band F

Band R

UNIT: MHZ

UART

Band and frequency table

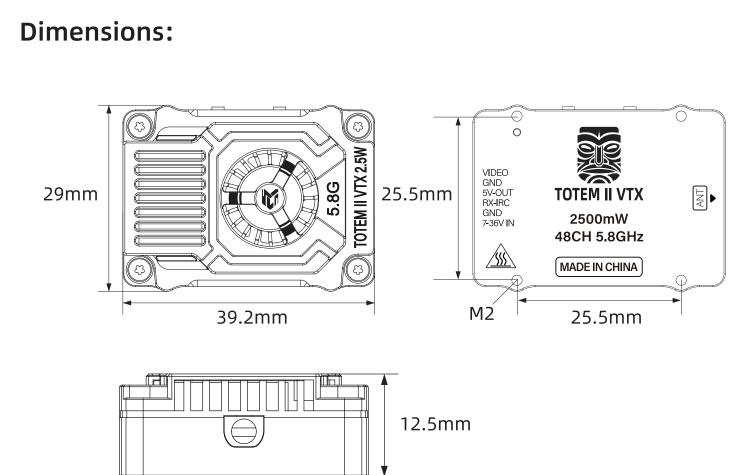
Green LED

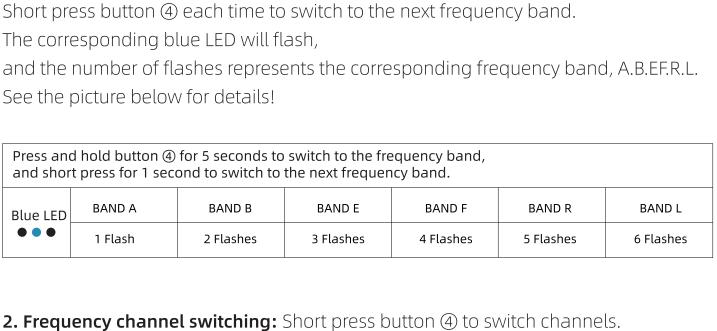
Short press the button ④ to switch channel

CH2

2 Flashes

Wiring diagram





The corresponding green LED will flash each time the button is short-pressed.

The number of flashes represents the corresponding channels 1.2.3.4.5.6.7.8;

3. Power output switching: Each short press of button ⑤ switches the power

CH4

4 Flashes

CH5

5 Flashes

3 Flashes

CH5

5785

5809

5820

5806

Auto-Connect 115200 \$

CH4

5805

5790

5800

5769

Connection to Betaflight-Configurator

BETAFLIGHT Welcome to Betaflight - Configurator, a utility designed to simplify updating, configuring and tuning of your flight controller

using your knowledge of Betaflight to create or update content on our Wikl, or answering other users' questions in online forums;
 contributing code to the firmware and Configurator - new features, fixes,

Change language: System Default (简体中文), Català, Dansk, Deutsch, **English**, Español, Euskera, Français, Galego, Italiano, 日本語, 한국어, Nederlands, Português, Português Brasileiro, polski, Русский язык, 简体中文、繁體中文

※ 土

Identifier Configuration/MSP Serial Rx Telemetry Output Sensor Input Peripherals

Disabled V AUTO V

3. Open the peripheral at the appropriate mapping port and select the IRC protocol

4 Flashes

CH6

5765

5828

5840

5843

Open Source / Donation Notice

Betaflight is a flight controller software that is open source and is available free of charge without warranty to all users. If you found the Betaflight or Betaflight Configurator useful, please consider supporting its development by donating.

If you want to contribute financally on an ongoing basis, you should consider becoming a patron for us on **Patreon**.

Disabled V AUTO

Disabled
Benewake LIDAR
Blackbox logging
Camera (RunCam Protocol)
OSD (FrSky Protocol)

CH6

6 Flashes

CH7

7 Flashes

CH8

8 Flashes

5 Flashes

CH7

5745

5847

5860

CH3

3 Flashes

level once among 25mW, 400mW, 800mW, 1500mW, and 2500mW,

The number of flashes of the red LED corresponds to the power level,

Long-pressing button ⑤ for 5 seconds enters or exits Pit mode;

1 Flash

CH2

5845

5752

Frequency of VTX complies with FCC Certification Standard

1. Band switching: Long press button ④ for 5 seconds, the green light will start blinking.

when Pit mode is activated, the red light remains on continuously. Refer to the diagram below for further details! 1. Short press button ⑤ to switch power levels 2. Long press button ⑤ for 5 seconds to enter or exit Pit mode. Pit Mode 400mW 800mW 2500mW 25mW 1500mW Red LED

2 Flashes

CH3

5825

5771 5780

5732

We also have a Facebook Group. Join us to get a place to talk about Betaflight, ask configuration questions, or just hang out with fellow pilots. Betaflight **Discord Server**. Share your flight experience, talk about Betaflight, help other people or get some help for yourself from the community.

115200 🗸

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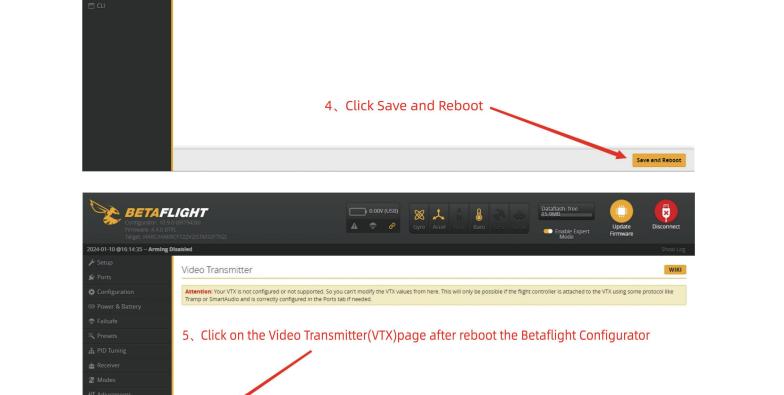
115200 🕶

2. Open the port page

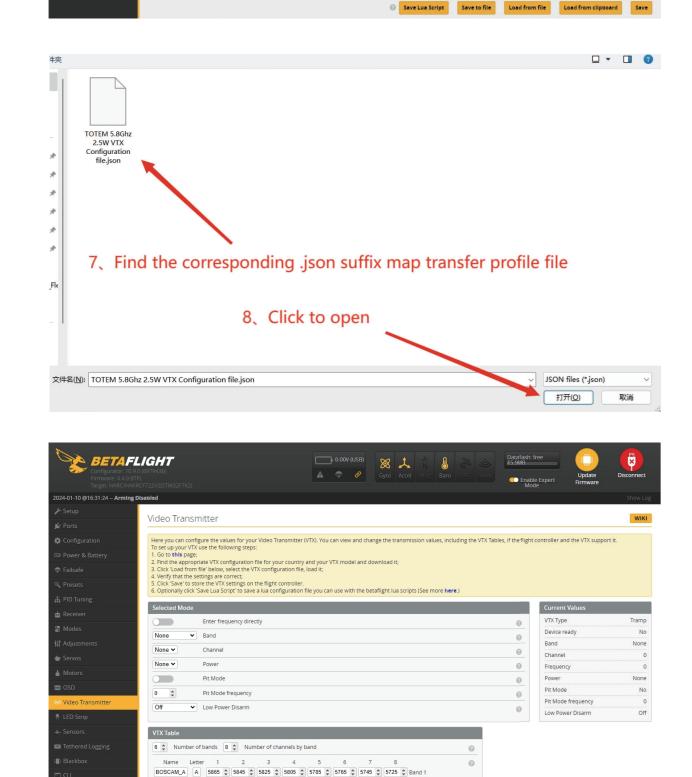
Note: not all combinations are valid. When the flight controller firmware detects this the serial port configuration will be reset.

Note: Do NOT disable MSP on the first serial port unless you know what you are doing. You may have to reflash and erase your configuration if you do.

Download Betaflight Blackbox Log Viewer



6. Click to load from file



otherwise the components will be damaged!

Precautions

BOSCAM_E | B | 5733 \$ | 5752 \$ | 5771 \$ | 5759 \$ | 5885 \$ | 5905 \$ | 5824 \$ | 5847 \$ | 5866 \$ | 5864 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ | 5865 \$ 5 \$ Number of power levels 1 2 3 4 5 100 \$ 200 \$ 400 \$ 600 \$ Value

9. Click Save after loading the image transfer profile.

Save Lua Script Save to file Load from file Load from clipboard Save

2. While in operation, VTX may generate high temperatures. Please do not touch it directly with your hands to avoid burns. **3.** There should be space at the image transmission installation

location to ensure air convection around the module and ensure proper heat dissipation of the module.

1. Before turning on the power, you must make sure that an antenna has been plugged in,

6. Use high-quality antennas to ensure effective output of image transmission performance. 7. If the image transmitter is in a static state for a long time after being powered on, set the power to the minimum to avoid overheating.

and the positive and negative poles are correct to avoid damaging the components.

4. When using this product, please comply with local radio laws and

5. Before turning on the power, make sure the voltage range is 7-36V

regulations and use locally allowed channel frequencies.

provided in this document and related to this product.

and refer to the Betaflight VTX chart provided for your specific region.

8. When utilizing IRC Tramp for video transmission, adjustments to the frequency band, channel, or power settings cannot be made via buttons. These changes must be configured through the Betaflight Configurator or by using the OSD interface with the remote control.

Disclaimer

1.Before using this product, please carefully read and follow all safety and compliance guidelines

2. The video transmission is set to a default power of 25mW. Operating at power levels beyond 25mW

requires an HAM license or approval from local authorities. Please ensure you are using legal frequencies

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.