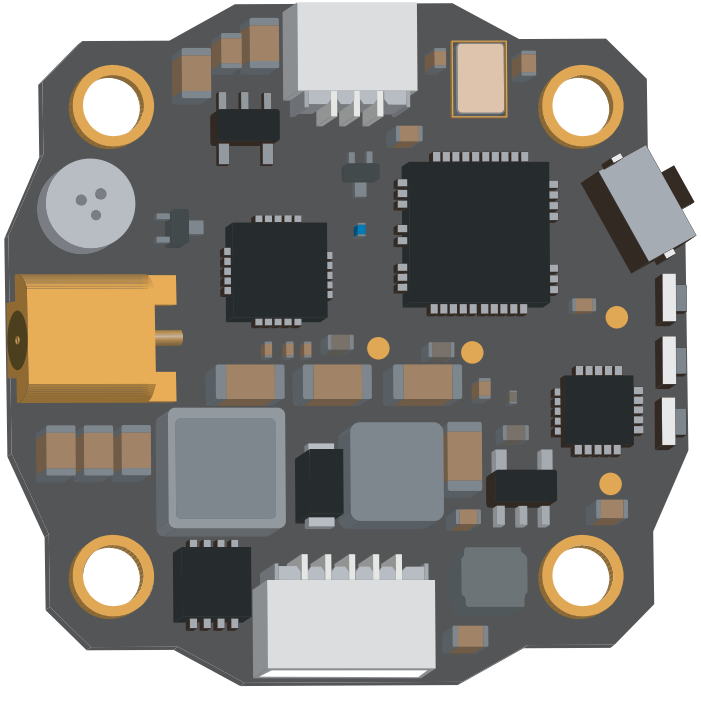
RAD MINI 5.8G VTX

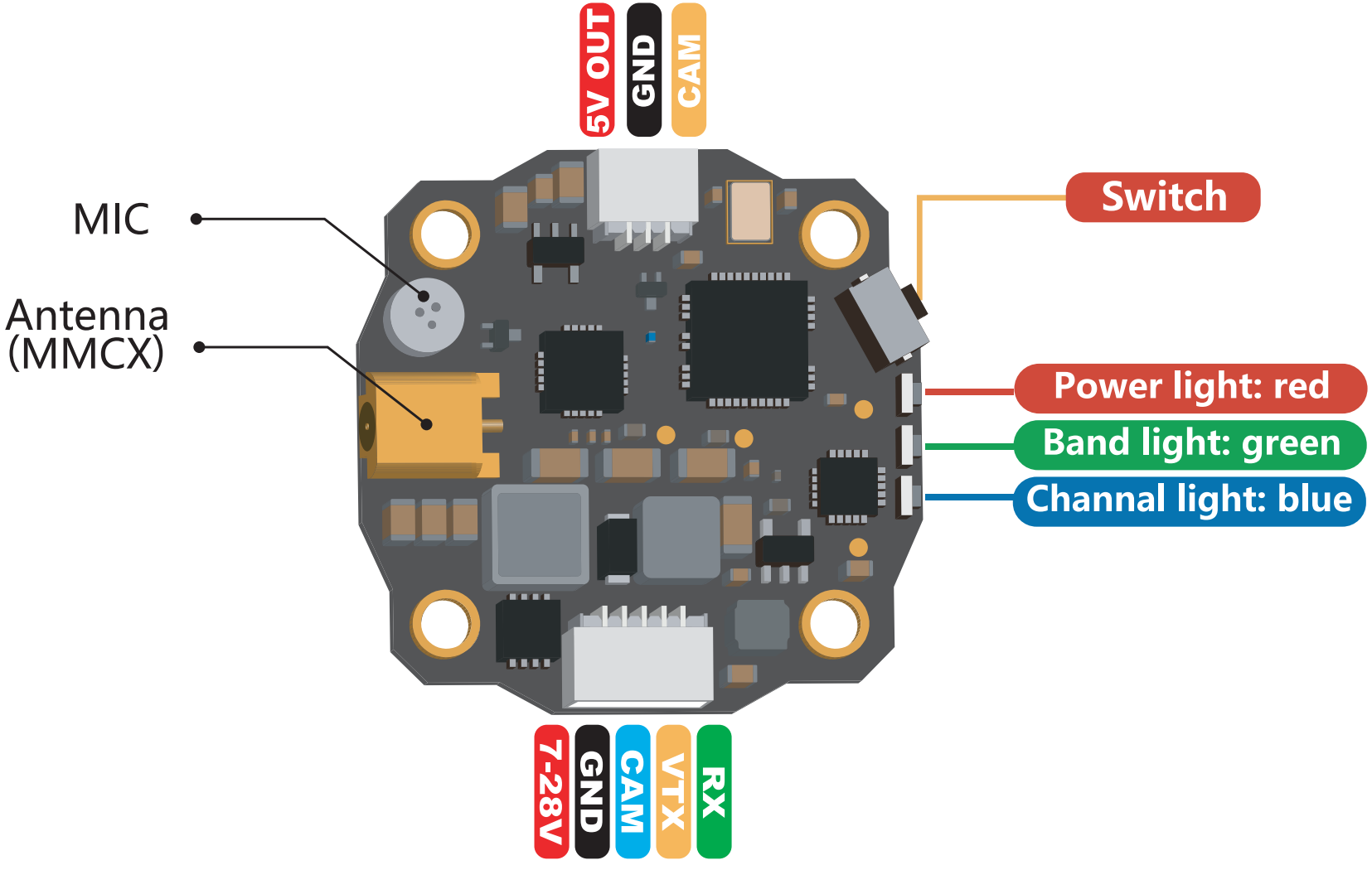
Manual

SPECS

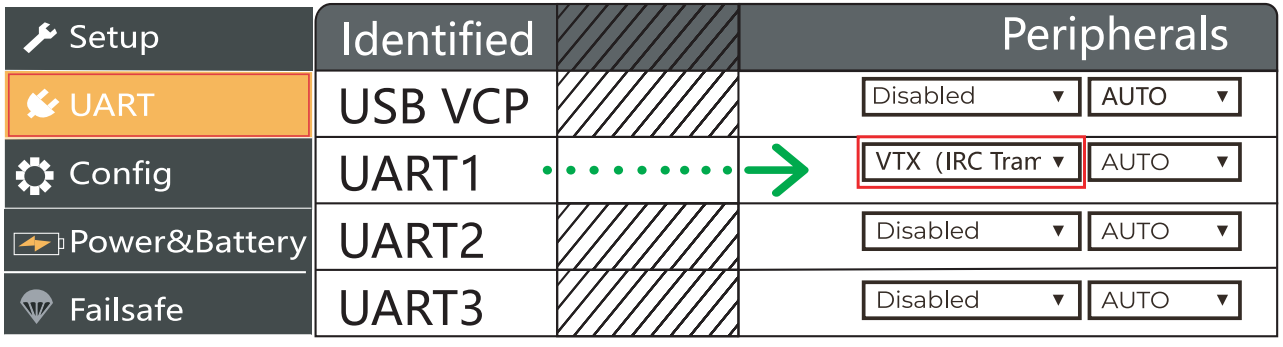
Brand:	GEPRC
Item name:	RAD MINI 5.8G VTX
Installing Hole:	20x20mm φ3mm
Output power:	Pit/25/200/500/1000mw switchable
Channels:	48CH
Input Voltage:	7-36V
Current:	MAX 9V@650mA
Antenna:	MMCX
Frequency:	5 8 GHZ
Video Format:	PAL/NTSC
Control protocol:	IRC Tramp
Weight:	4.8g （Shell not included）



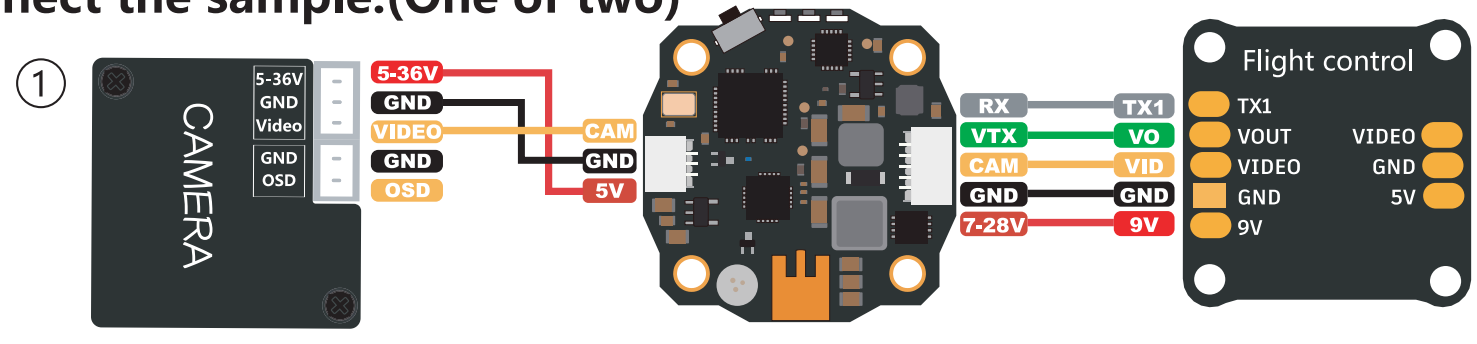
Interface definition

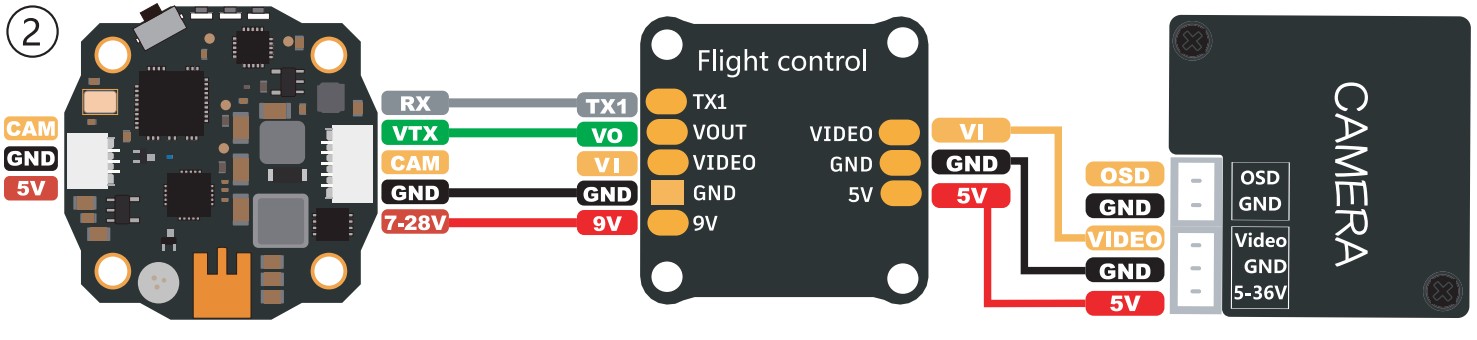


VTX IRC Setting



Connect the sample:(One of two)



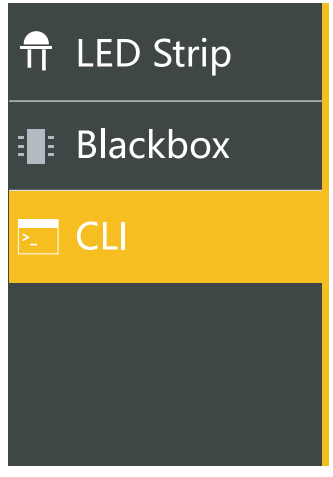


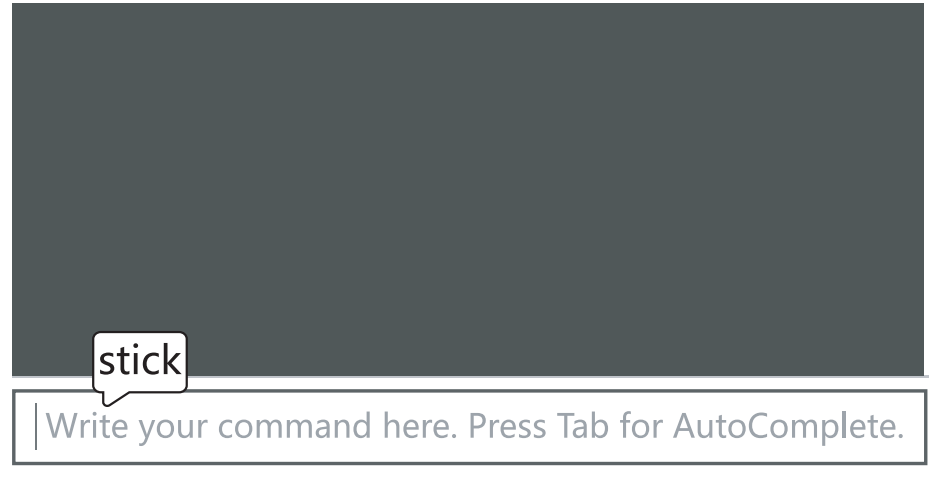
Frequency table:

FREQ \ CH	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Band A	5865	5845	5825	5806	5785	5765	5745	5725
Band B	5733	5752	5771	5790	5809	5828	5847	5866
Band E	5705	5685	5665	5645	5885	5905	5925	5945
Band F	5740	5760	5780	5800	5820	5840	5860	5880
Band R	5658	5695	5732	5769	5806	5843	5880	5917
Band L	5362	5399	5436	5473	5510	5547	5584	5621

1. Scan the QR code below or Open the link by browser : (https://geprc.com/vtx-radmini) and Copy the CLI Dump's VTX table code.

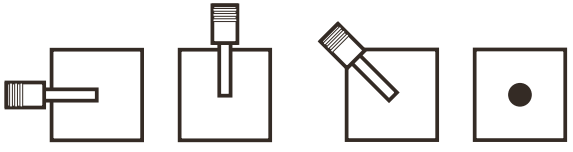
2.Open the Betaflight, Click on the “CLI “, Paste the code just copied before, and click enter on the keyboard.





Tune the VTX using IRC

1. Turn on the remote control,THR middle,YAW left,PITCH up,enter the OSD menu.
2.The PITCH moves the cursor up and down, and the ELE right to enter the next item.
Finally,save and exit.



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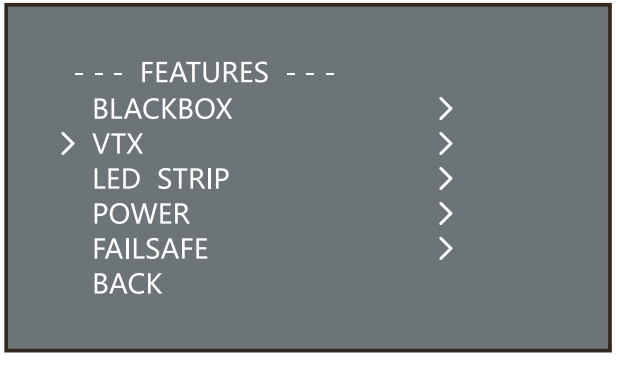

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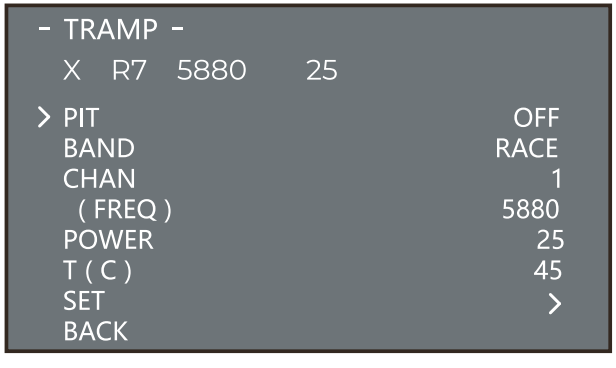

④

Use the buttons to adjust the VTX

1.Press and holding the button for 2 seconds, the blue light flashes, enter the frequency adjustment mode, click quickly to switch frequency points

Frequency	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Blue light	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X	Flash 6X	Flash 7X	Flash 8X

2.After switching frequency points, Press and hold the button 2-seconds again within five seconds, the green light flashes, enter the channel adjustment mode, click quickly to switch channels

channel	Band A	Band B	Band E	Band F	Band R	Band L
Green light	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X	Flash 6X

3.After switching channels, press and hold the button 2-seconds again within five seconds, the red light flashes, enter the power adjustment mode, and click quickly to adjust Power

Power	25mW	200mW	500mW	1000mW	PIT Mode
Red light	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Keep

CAUTINO ⚠

1. When using this product, please comply with local radio laws and regulations, and use the local permitted frequency band and frequency
2. To prolong the service life of the module, install the antenna before powering on the power
3. Good heat dissipation can make the module run continuously under high power
4. This product will produce high temperature when working, please do not touch directly with your hands to avoid scalding
5. Longer transmission distance can be obtained by using high-quality antenna

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