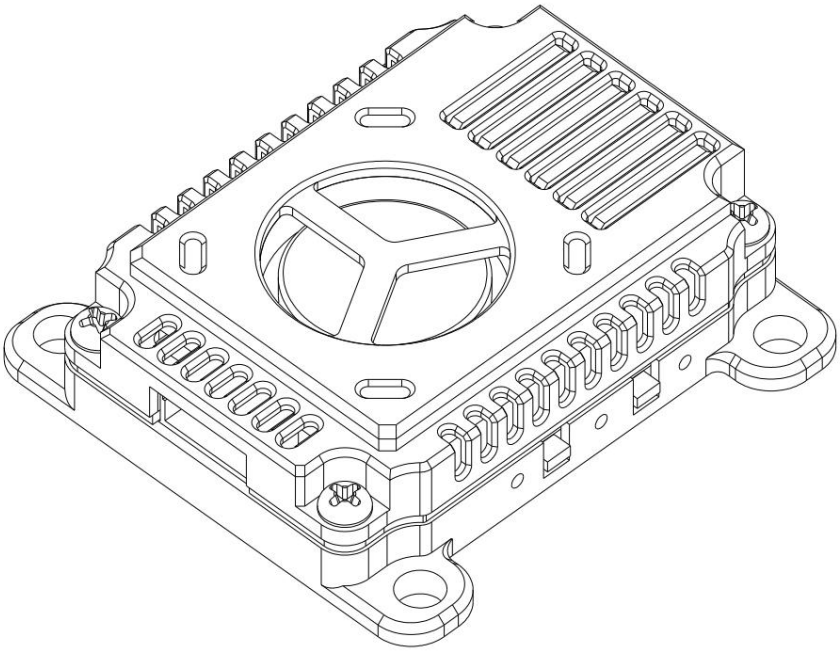
KIMPOK TECHNOLOGY CO., LIMITED
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Tel: +8613534133187 | E-mail: sales@kimpok.com | Website: www.kimpok.com; www.cofdmwirelesstransmitter.com

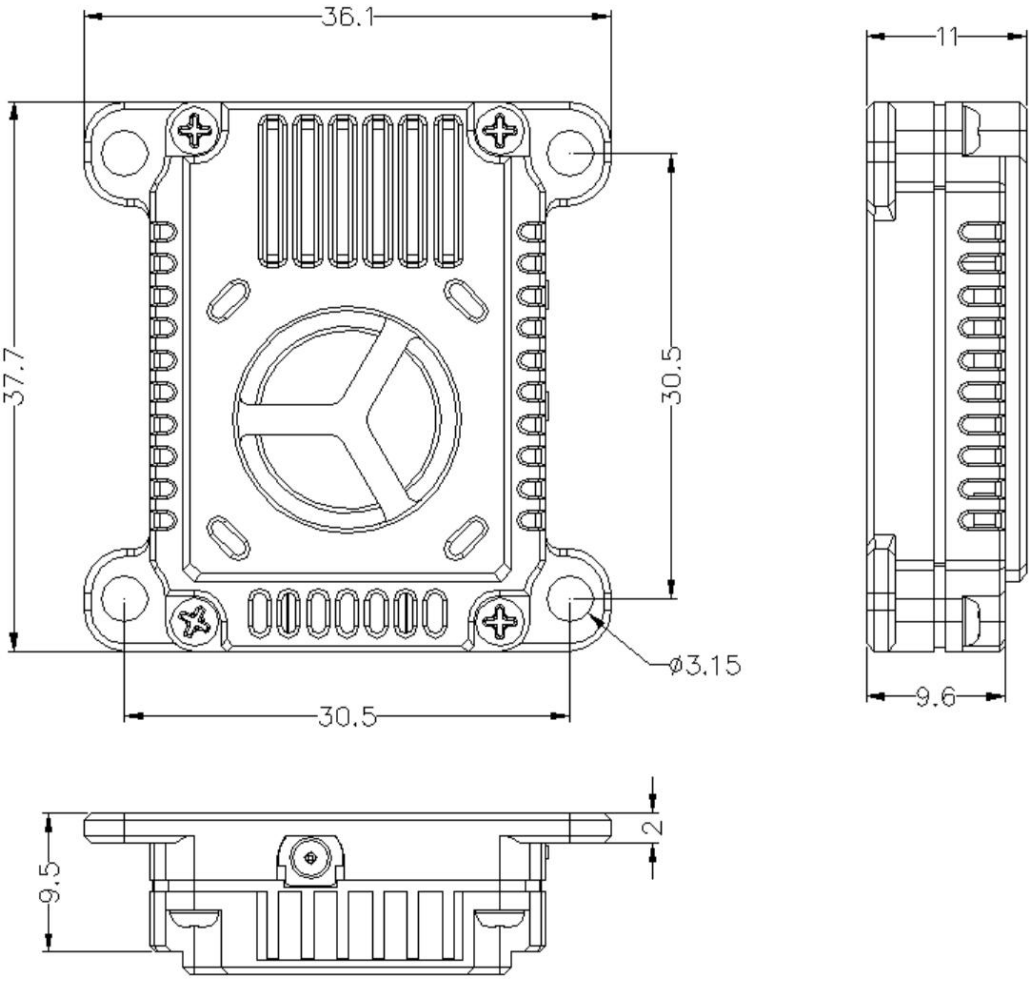
Operation Instruction of 1.2GHz 2W Transmitting Module (VTX)

I. Product appearance



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II. Product dimension



III. Performance and parameter:

1. 9 1.2G frequency points: (1060MHz-1380MHz);

2. Maximum power: 2W (25mW/2000mW, two gears adjustable);

3. Input voltage: DC 7V-36V, supporting 2-8S battery input

4. Antenna interface: MMCX

5. Communication protocol: IRC Tramp

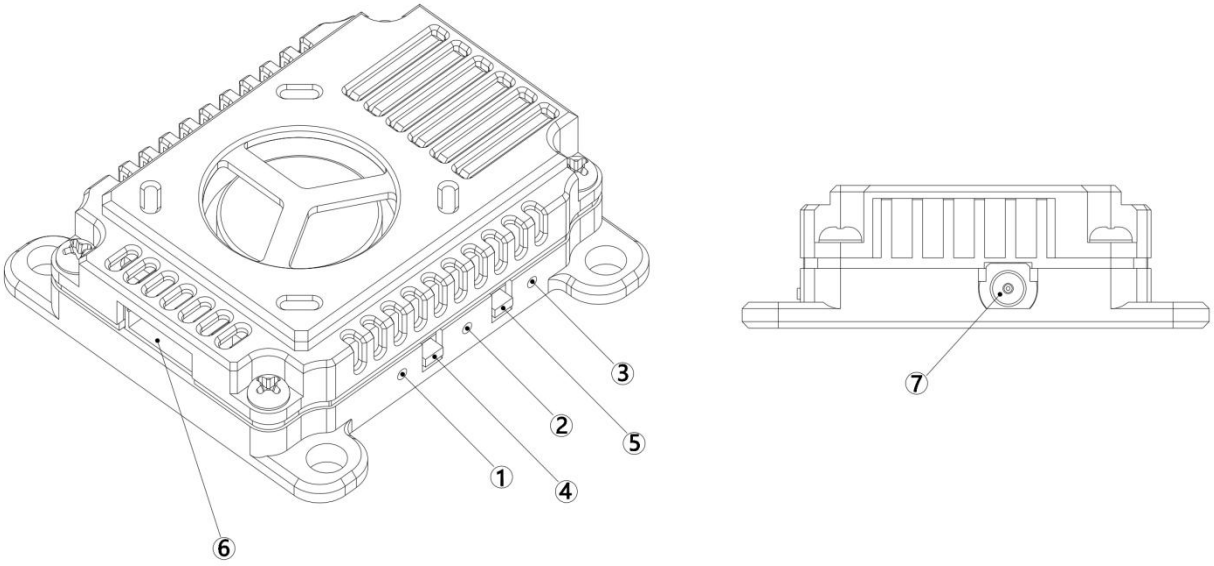
6. Heat-dissipating method: aluminum alloy heat sink+fan

7. Mounting hole location: 30.5mm*30.5mm /ø3.15mm

8. Product dimension: 37.7mm*36.1mm*11mm

9. Product weight 16g

IV. Layout of interface and key indicator light:



1. Frequency point indicator light: red LED (1 frequency point-9 frequency points)

2. Power indicator light: blue LED (25mW)

3. Power indicator light: green LED (2000mW/Pit mode)

4. Frequency point adjustment key

5. Power adjustment key

6. 1.0 6P wiring socket

7. MMCX antenna pedestal

V. Key control mode and LED indicator light definition

1. Key ④ is the frequency point switch key; every time when key ④ is pressed for a short time to switch to the next frequency point, the corresponding red LED ① will flash, 1.2.3.4.5.6.7.8.9 in turn. The operation can be cyclic; see the following diagram for details!

Short press key ④ to switch vertex									
Red LED	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9
	Flash once	Flash twice	Flash for 3 times	Flash for 4 times	Flash for 5 times	Flash for 6 times	Flash for 7 times	Flash for 8 times	Flash for 9 times

2. Key ⑤ is power adjustment key and and the power will be switched to the next one every time when the key is short pressed once, cyclic between 25mW and 2000mW. The current power is 25mW when the blue LED ② is turned on; the current power is 2000mW when the green LED ③ is turned on; The key is pressed and held for 3 seconds to enter pit mode and the blue LED ② and green LED ③ will be turned on simultaneously. See the following diagram for details!

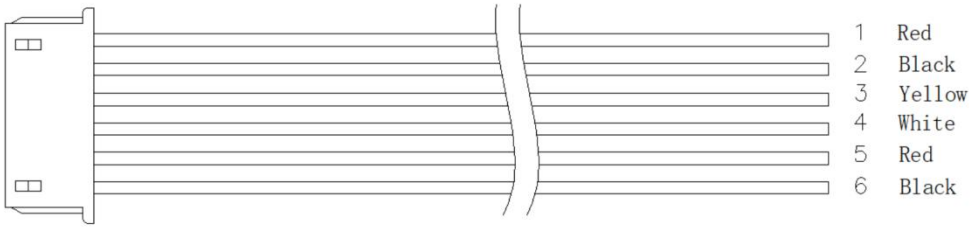
1. Short press key ⑤ to switch power; 2. Long press the key to enter Pit mode		
25mW	2000mW	Pit mode
Blue LED is turned on	Green LED is turned on	Blue LED and green LED will be turned on simultaneously

VI. Table of Corresponding Channel Parameters

Frequency Table									
Channel	CH I	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9
MHz	1080	1120	1160	1200	1240	1280	1320	1360	1258

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VII. Definition of 6P 1.0 Wiring Interface



Wiring Table:

NO	1	2	3	4	5	6
FUN	7-36V	GND	Video	IRC	5VOut	GND
Color	Red	Black	Yellow	White	Red	Black

VIII. Precautions for Use:

1. A certain space shall be reserved when the image transmission module is installed to ensure the air convection around the module and module cooling; otherwise, if the overheating protection of the module is started, the power emission will be lowered and even closed.

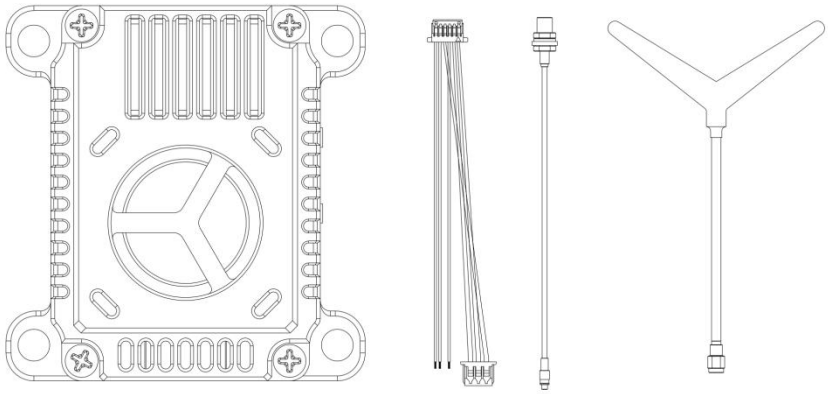
2. It is suggested to ensure correct voltage scope and correct positive and negative anodes before powering-on to avoid element burning-out.

3. It is suggested to confirm antenna has been installed at the RF output terminal before powering-on to extend the service life of module.

4. Please read the Instruction before use to ensure correct wiring and extend the service life of module.

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IX. Packing list:



1. VTX*1;

2. special MMCX antenna converter line*1;

3. 6P 1.0 wiring*1;

4. 1.2G Y-type special antenna*1.