

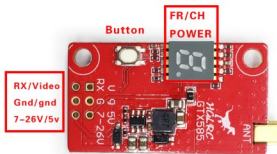
GTX585 VTX Summary

GTX585 VTX is simulated 5.8G ISM band transmission with stable output power, long transmission distance and strong power filter. It can ensure that the image has no snowflake, no stripes under the maximum throttle situation. Meanwhile, GTX585 VTX has remote frequency point control of remote control OSD interface, does not interfere with fellows when powered on, and support 8 peoples above flying at the same time super function.

GTX585 Product Description

Features:

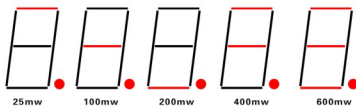
- Stable output power, long-distance transmission:
 - ≥ 0.5km-25mW, ≥ 0.8km-100mW, ≥ 1km-200mW,
 - ≥ 1.5km-400mW, ≥ 2km-600mW (with original antenna);
- 6 gears transmit power:
 - PIT Mode/25mW/100mW/200mW/400mW/600mW;
 - 48 frequency points output, and has R group, L group,
 - 8 competition frequency using at the same time without interference;
- Fast frequency lock, does not interfere with fellows when powered on;
- With self-test output power function;
- Full format video format: NTSC /PAL;
- Wide input voltage range, low power consumption:
 - 7V~26V, +12V/240mA@400mW;
- Small size: 20mm×38mm×8.5mm;
 - Mounting hole size 30.5mm×30.5mm;
- Light weight: ≤10g (antennas not included);



Functional Schematic

Frequency and power control method:

- Betaflight firmware;
- Button frequency control: Short press once to change channel number CH (CH1-CH8), long press for 2 seconds and then short press to change frequency group FR (A-L);
- Button power control: Long press button for 6 seconds and then short press button to change power level 25mW / 100mW / 200mW / 400mW/600mW; (please see details as the picture shown on the right: Power switching instruction)
- Power instructions: (check details below)



Power schematic

	25mw	100mw	200mw	400mw	600mw	0mw/Fault
	1 flash, 3-secs stop	2 flash, 3-secs stop	3 flash, 3-secs stop	4 flash, 3-secs stop	5 flash, 3-secs stop	light always on

Precautions for use:

- Make sure output terminal is installed antenna before it is powered;
- Input voltage must be within the specified range (7V~26V) and keep + - right;
- To get farther transmission distance, please choose antenna with good VSWR and DB if you replace;
- Pay attention to static electricity protection during transportation and installation.

Frequency and channel frequency table:

	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	5625	5605	5585	5565
F	5740	5760	5780	5800	5820	5840	5860	5880
r	5658	5695	5732	5769	5806	5843	5880	5917
L	5362	5399	5436	5473	5510	5547	5584	5621