

SMURFS VTX PRODUCT MANUAL

Product Specifications >>>

Model: SMURFS VTX

Frequency: 5.8G band, 5 frequency groups,
40 transmission frequencies

power rate: 25 / 100 / 250 / 800 / 1600mW

Antenna Interface: IPEX generation 1 interface

Input Power: 7V~36V

Adjustment Mode: Button operation, OSD control

Product Dimensions: 30*30*9mm

Product Weight: 12.7g

Mounting Holes: M2

Mount hole distance: 20*20mm

VTX Protocol: IRC Tramp



WARNING

Be sure to plug in the antenna
before powering up, or you will
burn this product!!!



Basic Settings >>>

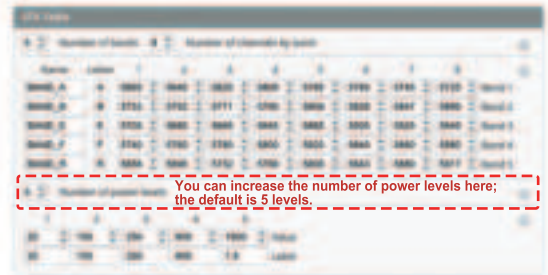
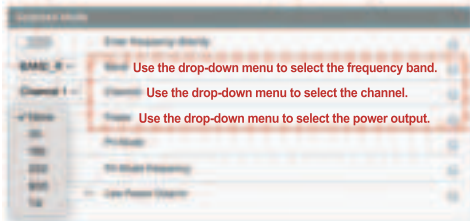
1.Open the VTX settings, click "Load from File" to select and import the corresponding VTX table, then save the configuration.



2.Access the port interface, enable the "Peripheral" → "IRCTRAMP" function for the corresponding UART port.



3.Navigate to the "Video Transmission (VTX)" page and configure the following settings:



User's Guide >>>

Frequency Setting:

Every short press of KEY_FR key 1 time, the frequency will be incrementally and cyclically switched between CH1-CH8 and saved.

Frequency Band Setting:

Long press KEY_FR key for more than 3 seconds (>3 seconds and <10 seconds), the frequency setting switches to Band setting state, and the LED_FR lamp will flash rapidly. At this time, every time you short press KEY_FR key for 1 time, the frequency band will be switched to A-B-E-F-R incrementally and cyclically, and the LED_FR lamp will flash 1-2-3-4-5 times correspondingly. Press and hold the KEY_FR key again, or timeout (>10 seconds) without pressing the key, then exit this setting mode, the system will automatically update the band and frequency point parameter settings and save them.

Power Settings:

1.For each short press of KEY_PW key, the power level will be switched in 1-2-3-4-5 levels from low to high progressively and cyclically, and the LED_PW lamp will flash 1-2-3-4-5 times correspondingly, and the system will update the setting but not save the setting parameters.

2.Double-click the KEY_PW key at any time (interval < 0.5 seconds), the power setting jumps directly to level 5 (maximum power), and the LED_PW light is always on.

3.To prevent higher power from burning out the amplifier module, this product does not save the user's power setting parameters and always starts from level 1 (lowest level) at power up.

4.Press and hold the KEY_PW key for more than 3 seconds, the system will shut down serial (IRC) communication and will not resume until a reboot.

5.Use BetaFlight to set the Pit Mode.When in Pit Mode, the LED_PW light blinks frequently.

Restore Factory Settings:

Press LED_FR key for more than 10 seconds in any state, the system restores to the factory setting parameters and saves them.

For more details please access: www.axisflying.com

