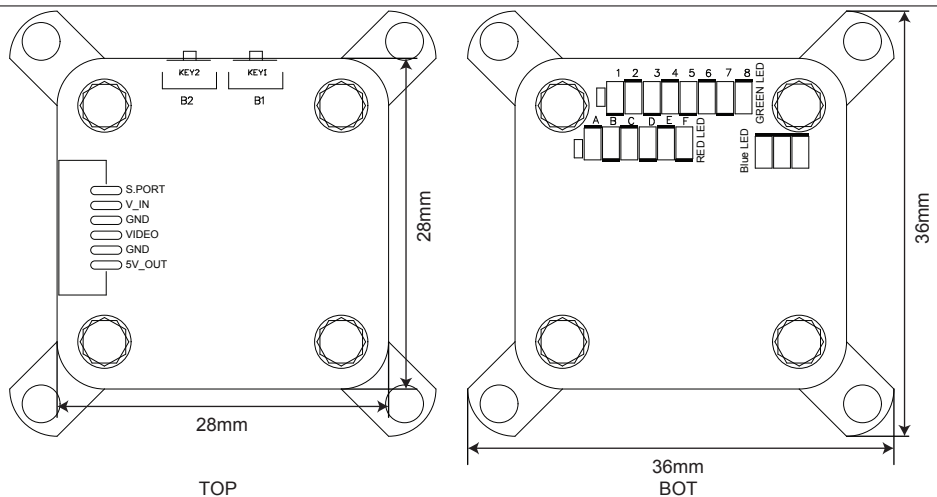


## Introduction

Thank you for purchasing FrSky VS600 video transmitter. As a multi-functional unit, it is equipped with switchable operating power and operating band. In order to fully enjoy the benefits of the product, please read the instruction manual carefully and set the device as described below.

## Overview



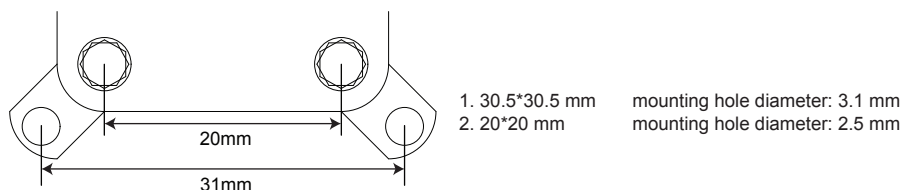
## Specifications

- Dimension: Outer Frame 36\*36\*4.3 mm (L\*W\*H)  
Inner Frame 28\*28\*4.3 mm (L\*W\*H)
- Weight: 3.7g
- Transmission Frequency: 5.8 GHz
- Available Channel: 48
- Operating Voltage: DC 7V~28V
- Operating Current: 260mA@12V (200mW)
- Transmission Power: 1mW(Pit mode) / 25mW/ 200mW/ 600mW

## Features

- Pit Mode supported
- Small and portable
- Clear LED indication
- Adjustable operating band
- Optional installation position
- Switchable transmission power

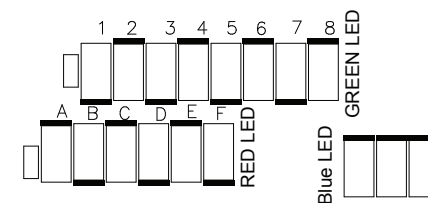
## Mounting Method



## Transmission Frequency

FR (MHz)	CH	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
C		5705	5685	5665	5645	5885	5905	5925	5945
D		5740	5760	5780	5800	5820	5840	5860	5880
E		5658	5695	5732	5769	5806	5843	5880	5917
F		5362	5399	5436	5473	5510	5547	5584	5621

## LED Indication



LED	Green	Red	Blue
Indication	Channel	Band	Power

**LED Green:** There are 8 green LEDs indicating 8 channels. The number above the LED indicates the corresponding channel. For example, If LED 1 is on, CH1 is operating.

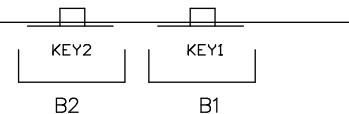
**LED Red:** There are 6 red LEDs indicating 6 different operating frequencies. The letter above the LED indicates the corresponding frequency. For example, If LED A is on, VS600 works under Frequency A.

**LED Blue:** There are 3 blue LEDs indicating 3 different operating powers. **Different from LED Green and LED Red, the number of lighting LED indicating different powers. From left to right, if there is only one LED is on, the power is 25mW. 2 indicates 200mW and 3 indicates 600mW.**

## Configuration method

- Manual configuration
- Automatic configuration

Manual configuration (through Switch B2 & B1)



- **Switching Channel:** Press B2, channel output will switch from 1 to 8 successively. The switch will start from the preset CH output, not always from CH1.
- **Switching Operating Frequency:** Press B1, operating band will switch from A to F successively. The switch will start from the preset operating frequency, not always from Frequency A.
- **Switching Operating Power:** Long Press B2 (about 2 seconds), operating power will switch between 25mW, 200mW and 600mW successively. The switch will start from the preset operating power, not always from 25mW.

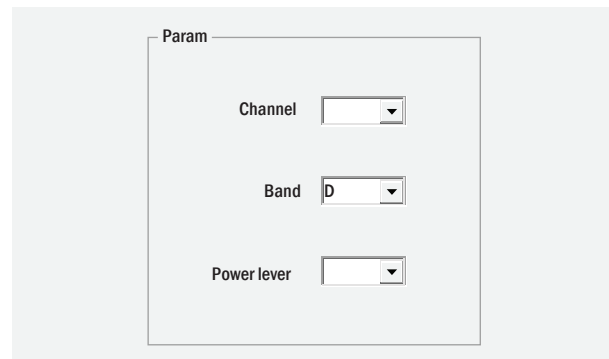
**Note: Please be complied with local laws and regulations when selecting operating power.**

Automatic configuration (through S.Port)

1. Channel, Operating Band and Operating Power could be set through the transmitter. Run the gTrans.lua which is on the SD card and start configuration. The interface is below.



2. Channel, Operating Band and Operating Power could be set through the Upper Computer FreeLink. Connect VS600 to the computer and configure parameters with FreeLink. The interface is below.



## Pit Mode

A new feature introduced with VS600 is Pit Mode. It allows the user to power up their video transmitter during race events without interfering with other users and still have the ability to change VTX settings or do some testing.

Operation method:

Activate: Power on VS600 while holding B1. 3 Blue LEDs will flash twice and then go out, indicating that VS600 enters into Pit Mode. The operating power is less than 0.01mW and the effective distance of image transmission is about 1m.

Deactivate: During Pit Mode, long press B1 and 3 Blue LEDs will flash twice. After that, the Blue LED which indicates the corresponding operating power will be on. VS600 enters into normal working mode.

## Attention

**NEVER TURN ON TRANSMITTER WITHOUT INSTALLING A PROPER ANTENNA.**

**The factory setup of operating state may be different.**

**VS600 will remember the preset operating state (channel output, operating frequency and operating power) if it is power on again.**

## FCC STATEMENT

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - This device may not cause harmful interference.
  - This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following 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.

FrSky is continuously adding features and improvements to our products. To get the most from your product, please check the download section of the FrSky website [www.frsky-rc.com](http://www.frsky-rc.com) for the latest update firmware and manuals