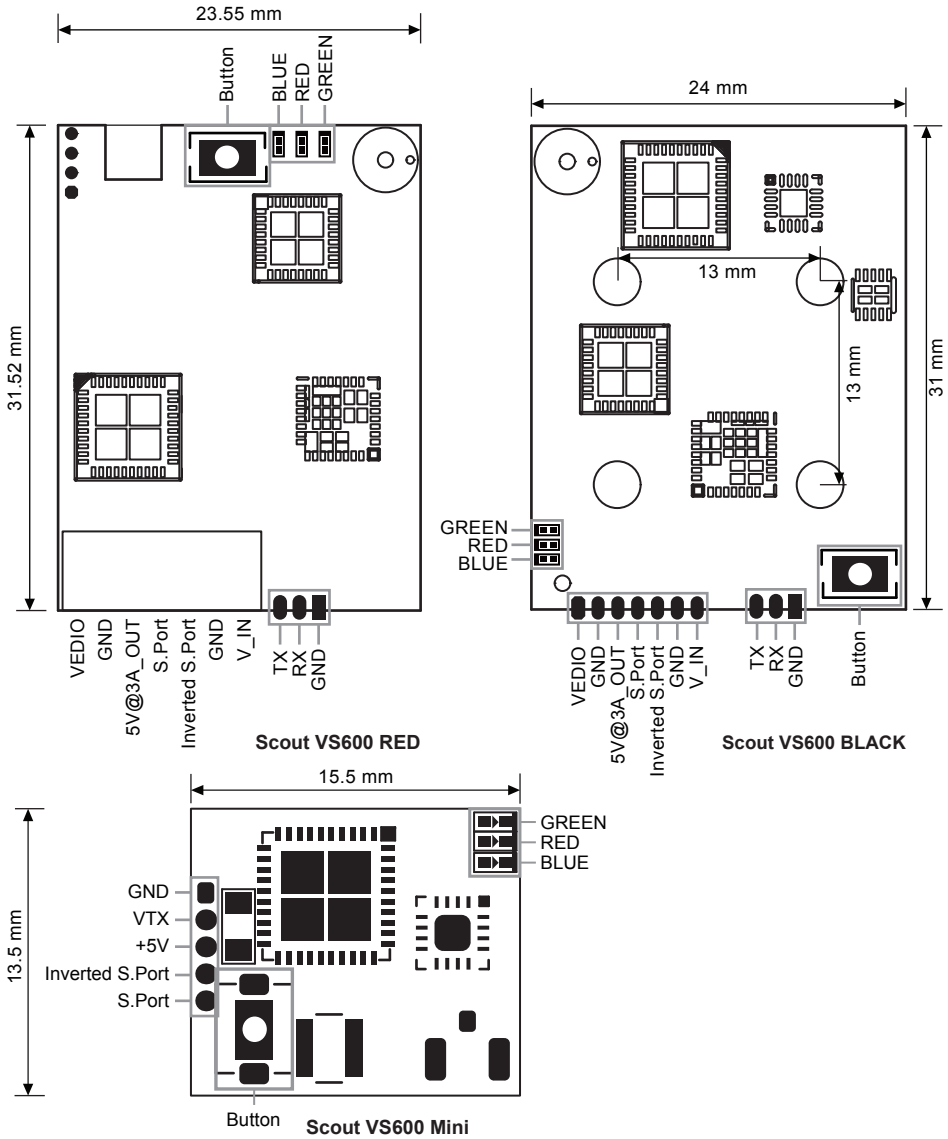
Introduction

Thank you for purchasing the FrSky video transmission device. A simple and clean design, equipped with a switchable power output and operating band and channel. Paired with a FrSky radio transmitter, the parameters can be adjusted conveniently through the gTrans.lua script. In addition Scout VS600 BLACK/VS600 RED has a built-in microphone which transmits audio. To fully enjoy all the features of this device please thoroughly read the instructions below to set up the device.

Overview



Specifications

Model Name	L*W*H(mm)	Weight(g)	Available Channel	Operating Voltage
Scout VS600 RED	31.5*23.6*4.5	4.2	26CH	2-6S
Scout VS600 Black	31*24*4.9	4	26CH	2-6S
Scout VS600 Mini	15.5*13.5*4	1.2	26CH	5V

- Transmission Frequency: 5.8 GHz
- Transmission Power: ＜0.01mW (pit mode) /25mW

Features

- Support S.Port
- Support inverted S.Port
- Built-in microphone（Scout VS600 Red & Black）
- Adjustable RF power
- Support set parameters by gTrans.lua /Button /FreeLink(PC)/FreeLink App.

Transmission Frequency

CH / FR（MHz）	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865	5845	5825	5805	5785	5765	5745	
B	5733	5752	5771	5790	5809	5828	5847	5866
C								
D	5740	5760	5780	5800	5820	5840	5860	
E			5732	5769	5806	5843		
F								

LED State

LED	Green	Red	Blue
Indication	Power	Band	Channel
Flash 1 time	Pit mode	A	CH1
Flash 2 times	25mW	B	CH2
Flash 3 times	/	C	CH3
Flash 4 times	/	D	CH4
Flash 5 times	/	E	CH5
Flash 6 times	/	F	CH6
Flash 7 times	/	/	CH7
Flash 8 times	/	/	CH8

The Scout VS600 Series has a green LED/red LED/blue LED which indicates the RF power/frequency band/channel. As you press the button key, the LED will flash, indicating the corresponding RF power level/frequency band/channel.

Configuration method

1. Manual configuration (by the Button)

Press the button for (3s) to enter the power/channel/frequency selection mode, press the button for (3s) again to switch between power/channel/frequency.

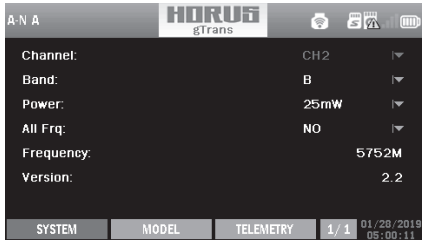
Greed LED	Red LED	Blue LED	States	Operation
On	On	Off	Channel setting mode	Press the BUTTON (1.5S) to change the channel
Off	On	On	RF Power setting mode	Press the BUTTON (1.5S) to change the RF Power
On	Off	On	Frequency Band setting mode	Press the BUTTON (1.5S) to change the Frequency Band

Note: When setting Channel/Frequency band/RF Power, please strictly follow local laws and regulations.

2. The script configuration

Channel, Operating Band and Operating Power can be set through the transmitter.Run the gTrans.lua which is on the SD card and start configuration.

The interface is below.

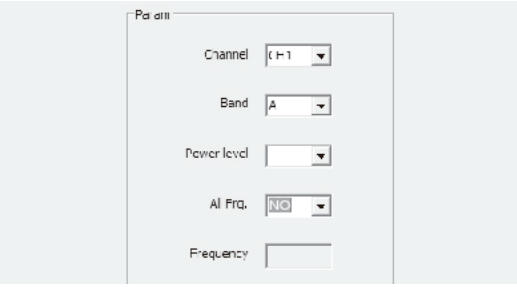


Note: Please running Scout VS600 BLACK/VS600 RED/VS600 Mini before running the script.

3. FreeLink(PC) configuration

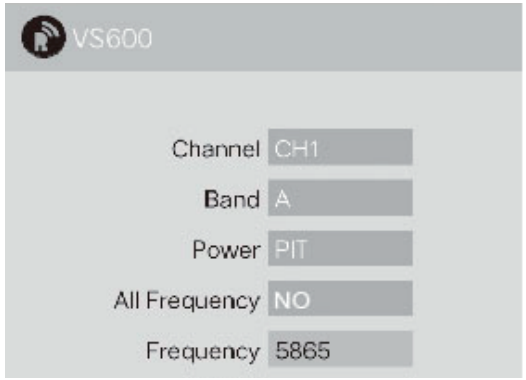
Channel, Operating Band and Operating Power can be set through the FreeLink(PC). Connect Scout VS600 Series to STK or S.Port AriLink S to the computer and configure parameters with FreeLink(PC).

The interface is below.



4.FreeLink App configuration

Channel, Operating Band and Operating Power can be set through the FreeLink App. Connect Scout VS600 Series to the S.Port AirLink S and configure parameters with FreeLink App in the mobile terminal.



Pit Mode

A feature introduced with Scout VS600 Series 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 and perform tests mode features all the functions under Normal mode other than operating power.

FCC STATEMENT

1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
   (1) This device may not cause harmful interference.
   (2) This device must accept any interference received, including interference that may cause undesired operation.
2. 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 for the latest update firmware and manuals.