FrSky Electronic Co., Ltd.
Smart Port Current Sensor – 150A

Instruction Manual

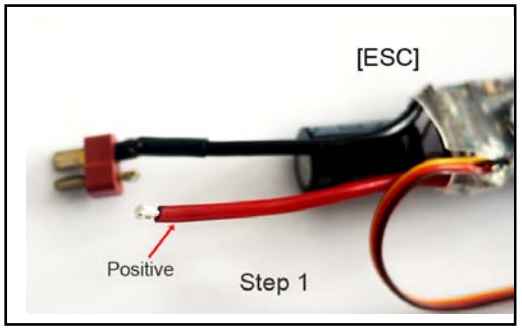
Thanks for purchase FrSky's Smart Port Current Sensor-150A. It is designed for FrSky Smart Port enabled system, and can measure **Current (A)** when connected between a Battery and ESC. In order to fully enjoy the benefit of it, please read the instruction manual carefully and set up the device as described below.

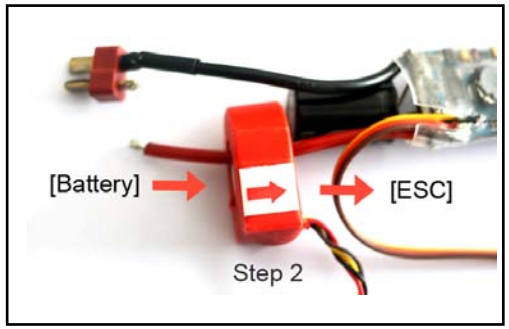
Specifications:

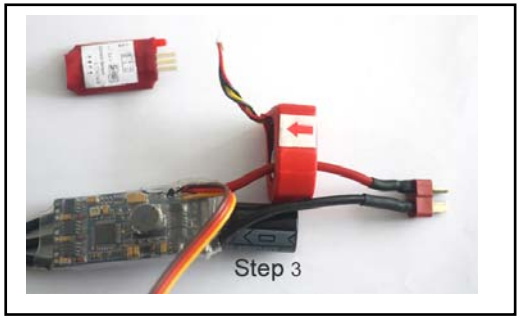
Mode: FCS-150A
Weight: 20.1g
Measurement range: 0~150A
Current consumption: 35mA@5V
Maximum safe current: 150A
Maximum battery voltage: 4~10V
Compatibility: FrSky Smart Port enabled receivers, such as X8R, X6R, X4R, etc.

Set Up:

-Install FCS-150A on ESC's Positive "+" Wire







Step 1: Disconnect ESC's Positive wire.

Step 2: Install FCS-150A on Positive wire

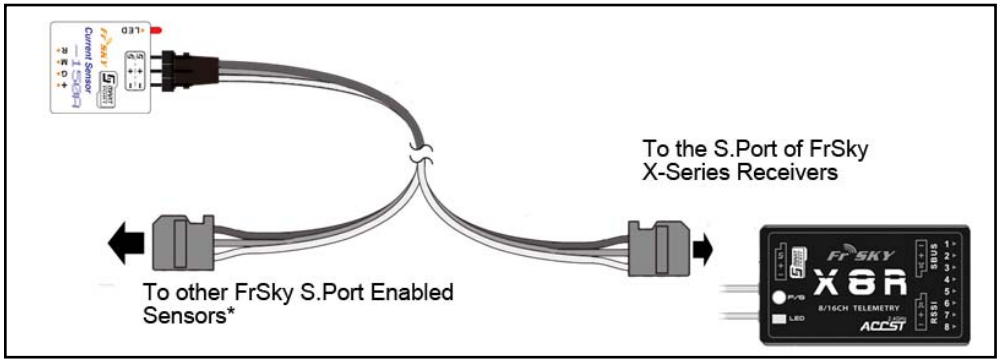
Note the direction of the red arrow on sensor should be same as Current toward as shown in the picture.

Step 3: Soldering the ESC's Positive wire back.

*when you install the FCS-150A sensor on the ESC "**-**" wire, note the direction of the arrow on the current sensor, in should be placed from the ESC to the battery.

-Connect FCS-150A Sensor with Receiver

FrSky Smart Port Current Sensor -150A is only compatible with FrSky Smart Port enabled receivers, such as X8R, X6R, X4R etc. in **D16** mode. Here we take the setup together with X8R receiver for example. For more details, please refer to corresponding receiver instruction manual.



* Other FrSky S.Port enabled sensors including Smart Port enabled Variometer Sensor, Lipo Voltage Sensor, GPS Sensor, RPM Sensor, Airspeed Sensor, and so on.

ID Set up:

Each type of FrSky Smart Port enabled sensor has its unique physical ID. The ID number could be changed by FrSky Servo Channel Changer. Please refer to the instruction manual of FrSky Servo Channel Changer for details.

☝ All FrSky Smart Port enabled sensors could daisy chain with each other through their Smart Port.

LED Status:

LED Status	Smart Port Connection	Peripheral Connection
Flash Fast	X	X
Flash Middle	X	√
Flash Middle	√	X
Flash Slow	√	√

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