

FrSky Electronic Co., Ltd.
Smart Port Current Sensor – 40A



Instruction Manual

NOTICE: All instructions, warranties and other collateral documents are subject to change at the sole discretion of FrSky Electronic Co., Ltd. For further information, please visit www.frsky-rc.com and click the SUPPORT tab for this product.

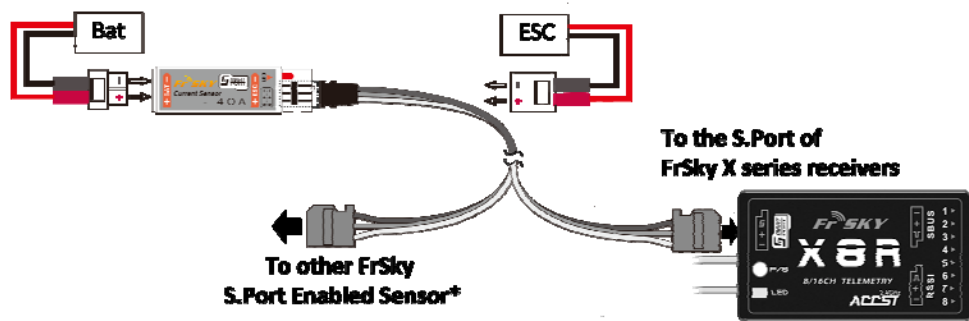
Thank you for purchasing FrSky Smart Port Current Sensor – 40A. It is designed for FrSky Smart Port enabled system, and can measure Current (A) and Battery Voltage (V) when connected between a Battery and ESC. In order to fully enjoy the benefit of it, please read the instruction manual carefully and set up the device as described below.

Specifications

Dimension: 61.2×16.7×13.2mm Weight: 17g
 Measurement range: 0~40A Current consumption: 25mA@5V
 Maximum safe current: 40A Maximum battery voltage: 6S
 Compatibility: FrSky Smart Port enabled receivers, such as X8R, X6R, X4R, etc.

Set Up

FrSky Smart Port Current Sensor – 40A is only compatible with FrSky Smart Port enabled receivers, such as X8R, X6R, X4R, etc. Here we take the setup together with X8R receiver for example. For more details, please refer to corresponding receiver instruction manual.



① Install FrSky Smart Port Current Sensor – 40A on any appropriate surface of the airframe that stays away from water, vibration, or fuel.

* Other FrSky S.Port enabled sensors including new 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 default physical ID for this sensor is 03. The ID number could be changed by FrSky Servo Channel Changer. Please refer to the instruction manual of FrSky Servo Channel Changer for details.

① All FrSky Smart Port enabled sensors could daisy chain with each other through their Smart Port.

LED Status

The Battery and ESC should be connected to BAT port and ESC port correspondingly and make sure the polarity is correct. FrSky is not responsible for any damage caused by wrong polarity connection.

LED Status	Smart Port Connection	BAT Port Connection
Flash very quickly (100ms)	NO	NO
Flash quickly (200ms)	NO	YES
Flash quickly (200ms)	YES	NO
Flash Slowly (500ms)	YES	YES