FrSky FAS40 ADV Smart Port and FBUS 40A Capable Current Sensor Instruction Manual

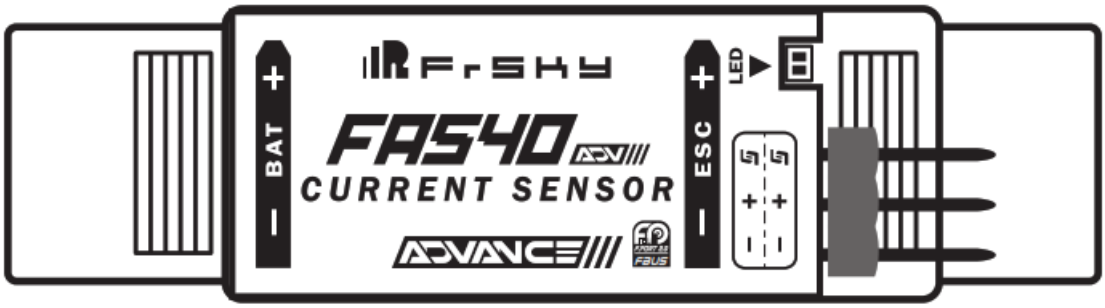
Instruction Manual for FrSky Current Sensor — FAS40 ADV

Contents

Introduction

Note: 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 Current Sensor – FAS40 ADV. 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

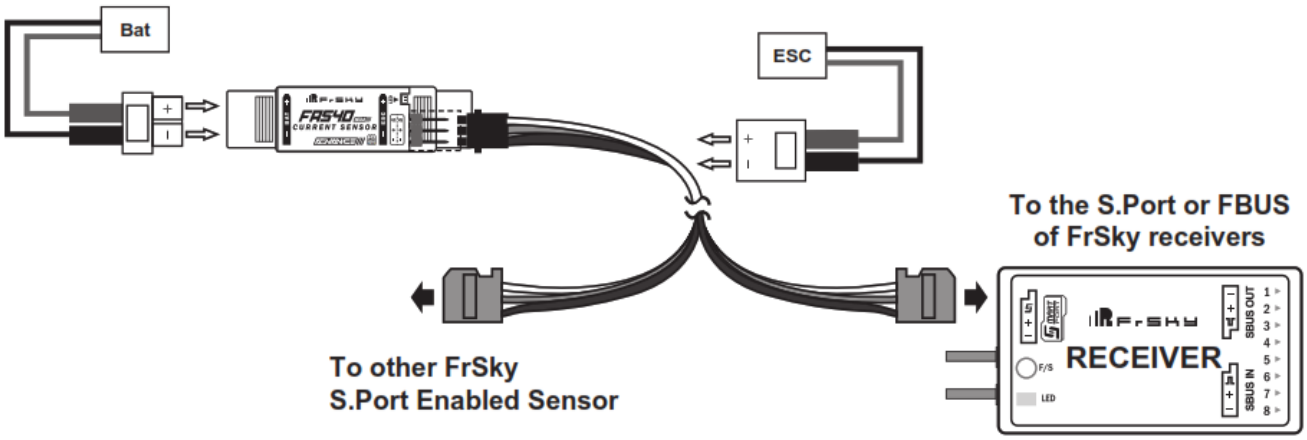
- Dimension: 65.24×15.7×16.6mm (L×W×H)
- Weight: 16g
- Measurement range: 0~40A
- Current consumption:16mA@5V
- Maximum safe current: 40A
- Maximum battery voltage: 6S
- Compatible: Receivers with Frsky Smart Port or FBUS function
- Connector: XT60 Anti spark

Protocol switching

Connect the output port of the sensor to the receiver, select Smart Port or FBUS on the receiver setup screen, the sensor will automatically recognize.

Set-Up

FrSky Current Sensor – FAS40 ADV is compatible with FrSky Smart Port or FBUS enabled receivers. For more details, please refer to the corresponding receiver instruction manual.



Warning: Install FrSky Current Sensor – FAS40 ADV on any appropriate surface of the airframe that stays away from water, vibration, or fuel.
Other FrSky S.Port or FBUS enabled sensors to include new Smart Port or FBUS enabled Variometer Sensor, GPS Sensor, RPM Sensor, Airspeed Sensor, and so on.

ID Set-Up

Each type of FrSky sensor has its unique physical ID. The default physical ID for this sensor is 02. The ID number could be changed by Free Link (Windows/android/ios)

Note: All sensors could daisy chain with each other through their Smart Port or FBUS.

LED Status

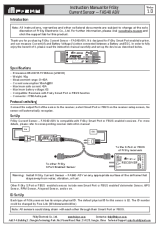
The Battery and ESC should be connected to the BAT port and ESC port correspondingly and make sure the polarity is correct. FrSky is not responsible for any damage caused by the wrong polarity connection.

LED Status	S.Port	FBOs
Flash slowly	YES	NO
Flash quickly	NO	YES

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

FrSky Electronic Co., Ltd. **www.frsky-rc.com** Contact us: **frsky@frsky-rc.com**
Add: F-4, Building C, Zhongxiu Technology Park, No.3 Yuanxi Road, Wuxi, 214125, Jiangsu, China Technical Support: **sales4tech@gmail.com**

Documents / Resources

	**FrSky FAS40 ADV Smart Port and FBUS 40A Capable Current Sensor** [pdf] Instruction Manual FAS40 ADV Smart Port and FBUS 40A Capable Current Sensor, FAS40 ADV, Smart Port and FBUS 40A Capable Current Sensor