FrSky Electronic Co., Ltd.	
FrSky GPS Sensor (V2)	
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 https://www.frsky-rc.com and click on the support tab for this product.
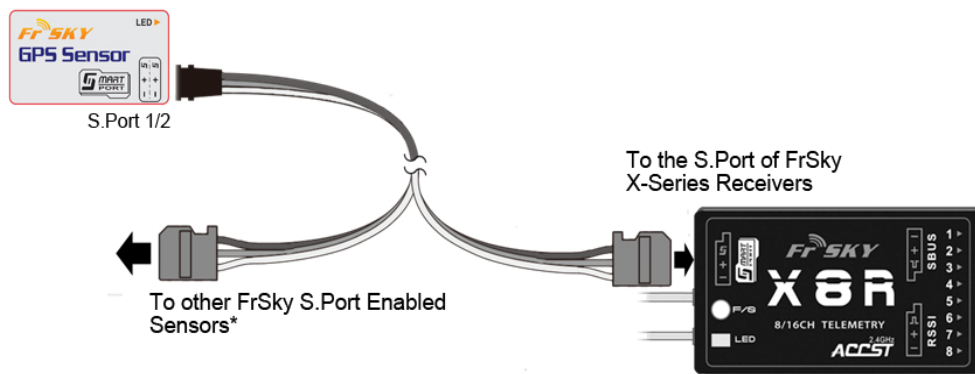
Thanks for purchase FrSky's GPS sensor. To maximize your enjoyment, and to ensure proper sensing, please read through this manual thoroughly.

Specifications:

Mode: GPS sensor (V2)   **Interface**: S.PORT
Operational Voltage: DC 4 -10 V   **Weight**: 11.3g
Current Draw: 80mA @5V   **Sensitivity**: -160dBm
Operating Temperature Range: -40℃~85℃
Date Rate: 1Hz   **Antenna**: Built-in patch
Time to fix: 30s cold
Speed Accuracy: Approx 0.1m/s   **Position Accuracy**: Approx 2.5m CEP
Dimensions: 40mm*20mm*9mm(L x W x H)
Operation Limits: Dynamics 4g /Altitude 50,000m /Velocity 500m/s
Compatibility: FrSky Smart Port enabled receivers, such as X8R, X6R, X4R, etc.

Set Up:

FrSky Smart Port GPS 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.

☼ The GPS should be mounted with Velcro in your model so that the "**UP**' side is facing toward the sky.

FrSky GPS Sensor (V2) - feeds variable directional information such as: Altitude, position, speed, and UTC time etc., which is displayed in real time on **FrSky Transmitter** or **telemetry dashboard** (DHT-U/FLD-02/FSD etc.).

* 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 ID number could be changed by FrSky Servo Channel Changer (when connect with SCC, the GPS ID is display as 04). 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	GPS Module	Smart Port Connection	GPS Location
Flash Slow	√	√	√
Flash Middle	√	√	×
Flash Middle	√	×	√
Flash Fast	√	×	×
OFF	×	—	—