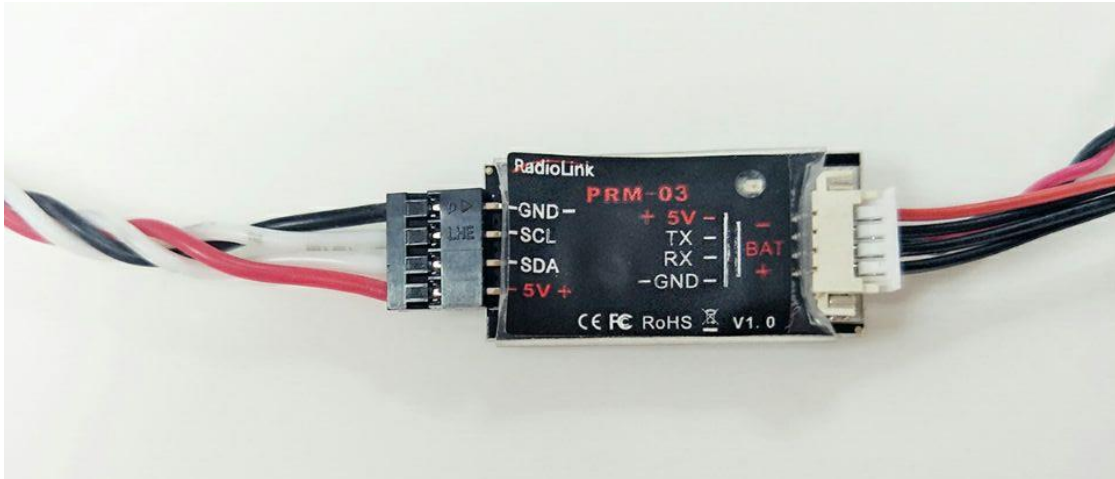


## OSD Information Telemetry Module PRM-03



### User Manual

Compatible with receiver: R12DS, R9DS

Compatible with transmitter: AT10II/AT10/AT9S Pro/AT9S/AT9

Compatible with flight controller: Mini Pix/PIXHAWK/TURBO PiX/APM

## Contents

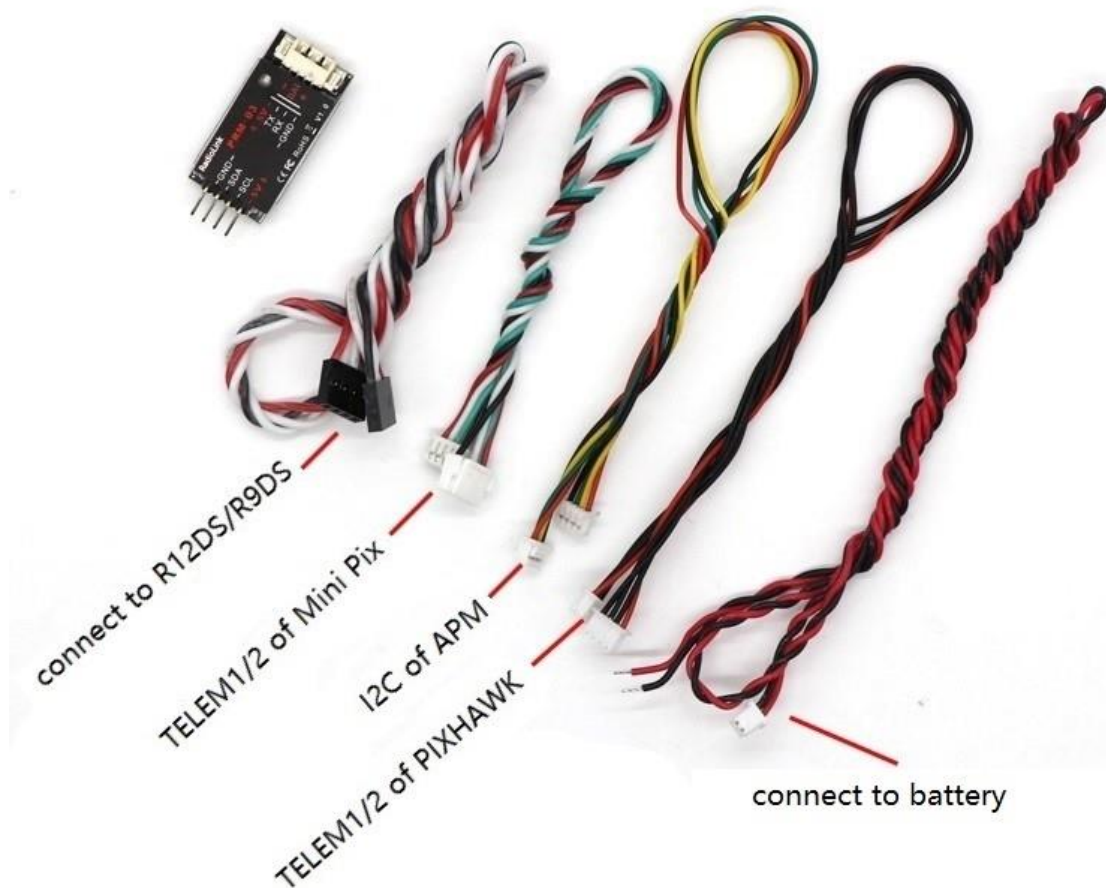
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## Introduction

### OSD Telemetry Sensor: PRM-03

Real-time model data allows users to receive crucial information on the model's systems.

With flight module PRM-03 and flight controller PIXHAWK/Mini Pix/TURBO PiX/APM, model voltage, speed, climb, throttle, longitude, latitude, altitude, GPS, RSSI, flight mode, yaw, roll, pitch, and distance are display on the transmitter (AT10II/AT10/AT9S Pro/AT9S/AT9) screen. Configurable sound/message alarms signal potential problems when low model voltage. A low model voltage alarm value can be customized.



## Specifications

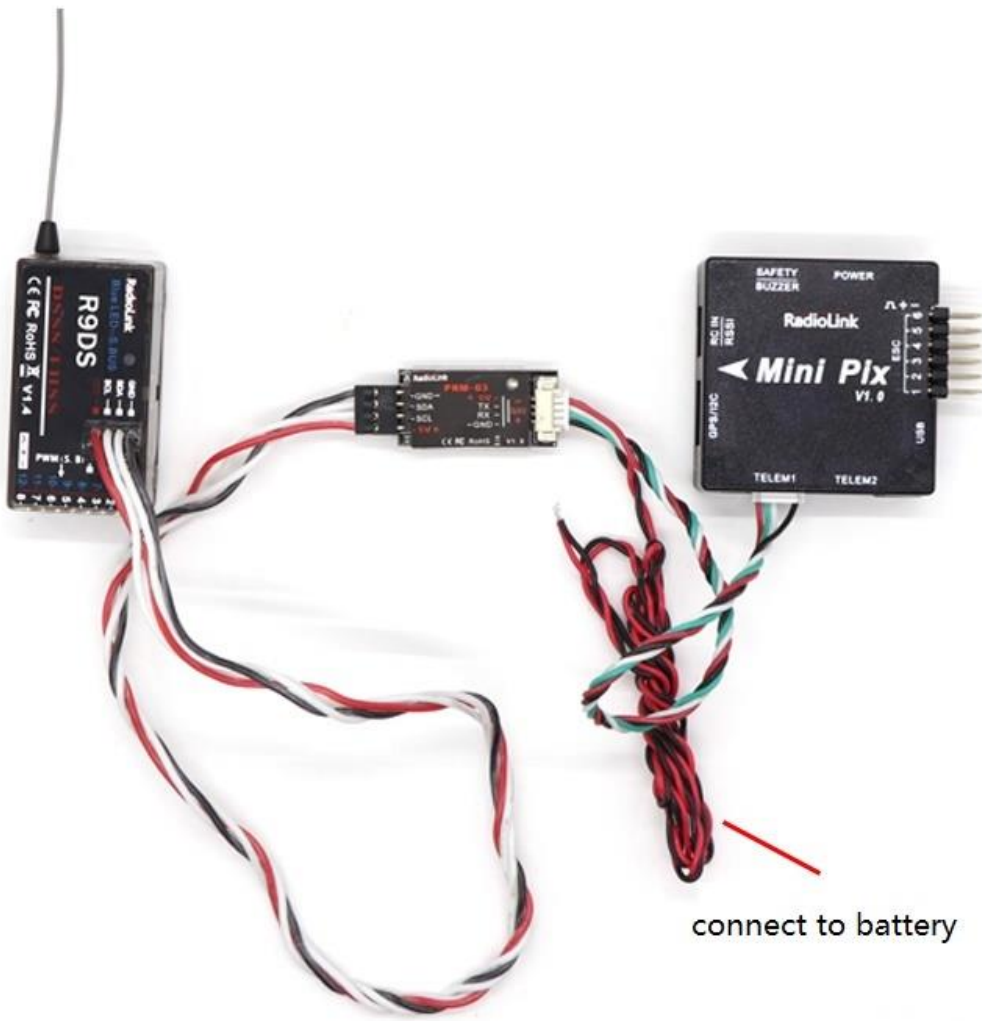
① Name:

- ② Model: PRM-03
- ③ Dimensions: 27\*13mm (1.06"\*0.51")
- ④ Weight: 6g(0.21oz)
- ⑤ Compatible flight controller: Mini Pix/PIXHAWK/TURBO PiX/APM
- ⑥ Compatible receiver: R12DS, R9DS (Old version receiver: R10DS, R10D, R9D)
- ⑦ Compatible transmitter: AT10II/AT10/AT9S Pro/AT9S/AT9
- ⑧ PRM-03 can telemetry Speed, Rise, Throttle, Voltage, Longitude, Latitude, Altitude, GPS, RSSI, Flight Mode, YAW, ROLL, PITC, Distance.
- ⑨ PRM-03 is compatible with 1 cell to 12 cells battery(3.7~50.4V).

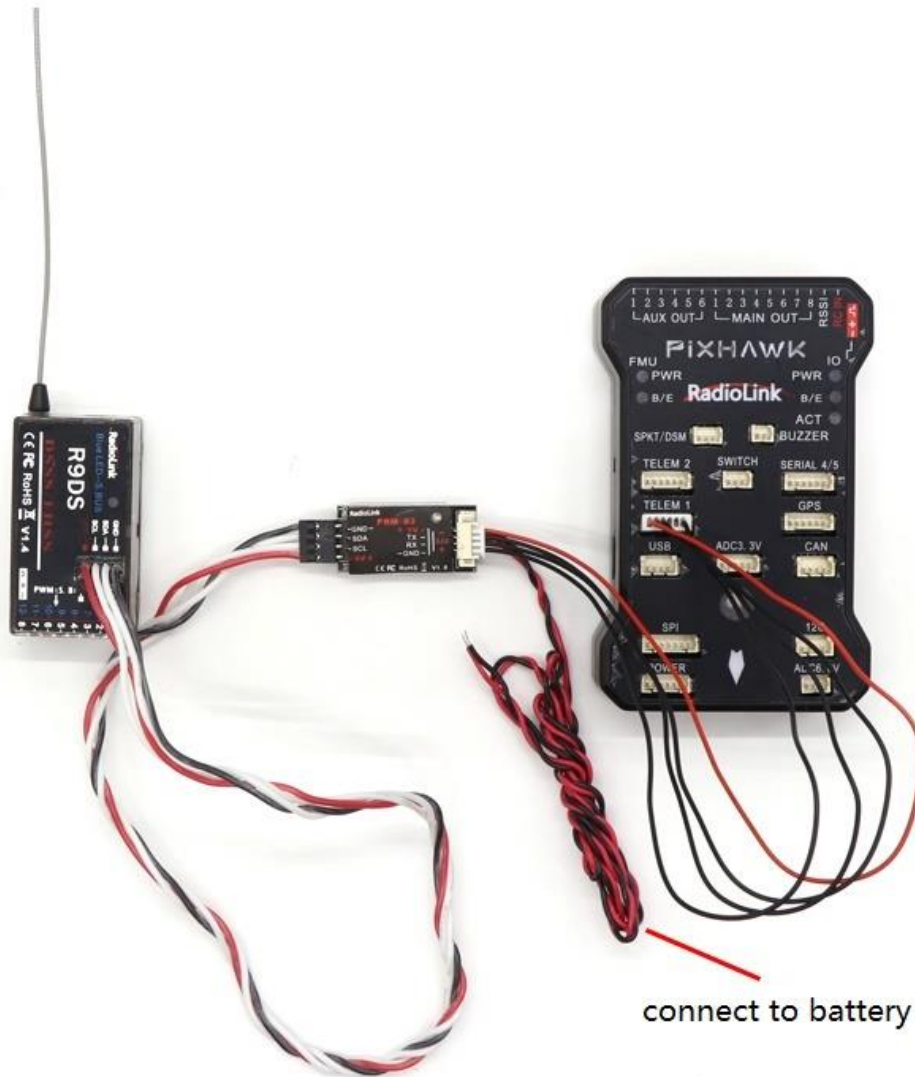
**Pay Attention:** The old version AT9 and AT10 have to upgrade the firmware when if use PRM-03 to telemetry OSD information. AT9 have to upgrade firmware at least to the version V1.2.6(OSD) and AT10 have to upgrade firmware at least to V1.0.6(OSD).

## Connection

**(1)** Connect one end of the telemetry module PRM-03 to R9D/R9DS/R10D/R10DII/R10DS/R12DS and the other end to battery if you just need feedback battery voltage. Same function as RadioLink PRM-01 if you connect like that.

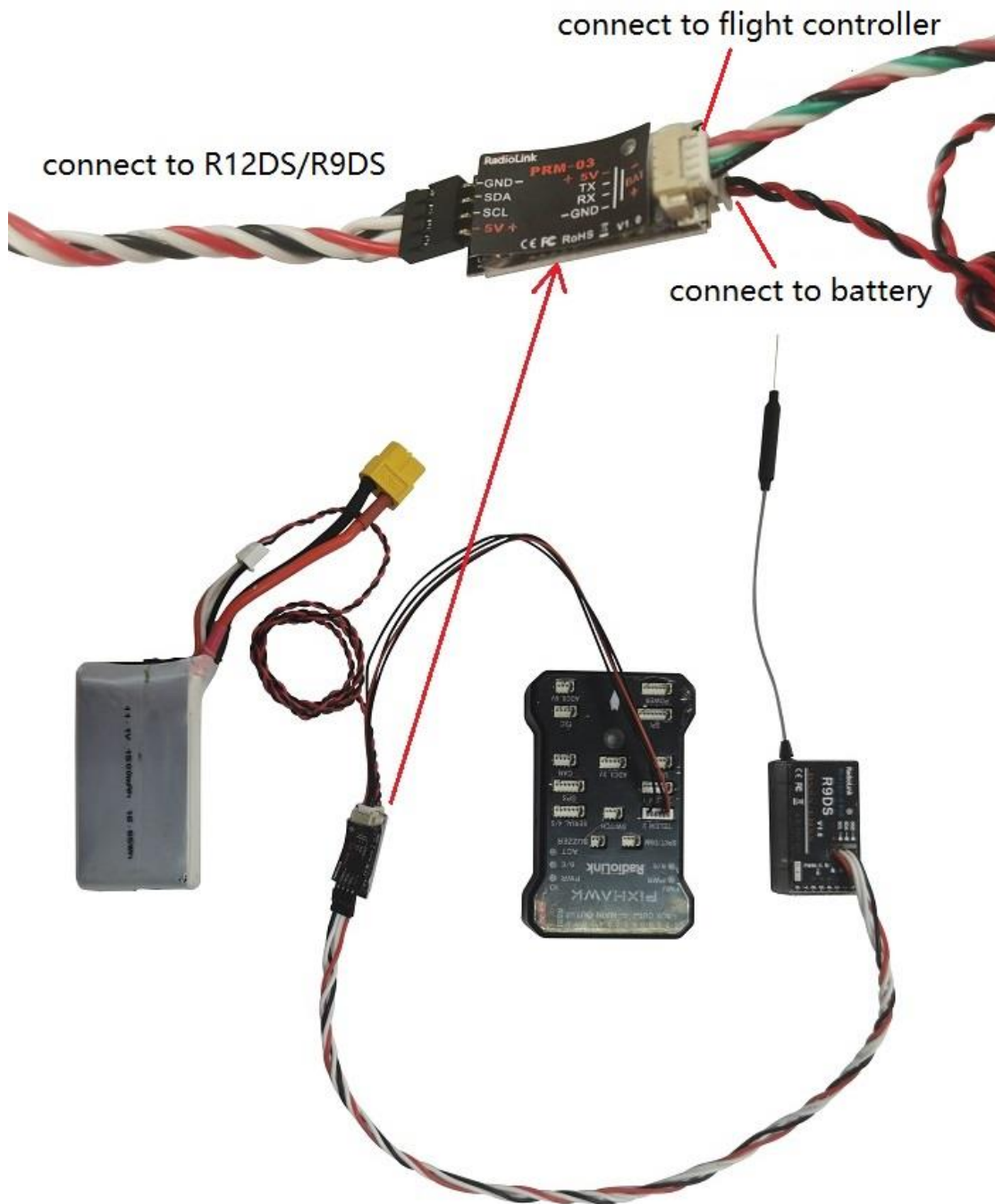


connect to battery



(2) If you want to feedback Speed, Rise, Throttle, Voltage, Longitude, Latitude, Altitude, GPS, RSSI, Flight Mode, YAW, ROLL, PITC, Distance information, please connect one end of the OSD information telemetry module PRM-03 to R9D/R9DS/R10D/R10DII/R10DS/R12DS and the other end to the TELEM port of PIX or APM.

**For example: connect to PIXHAWK**



**The information will display on the RECEIVE menu.**

**Displaying Effect**

