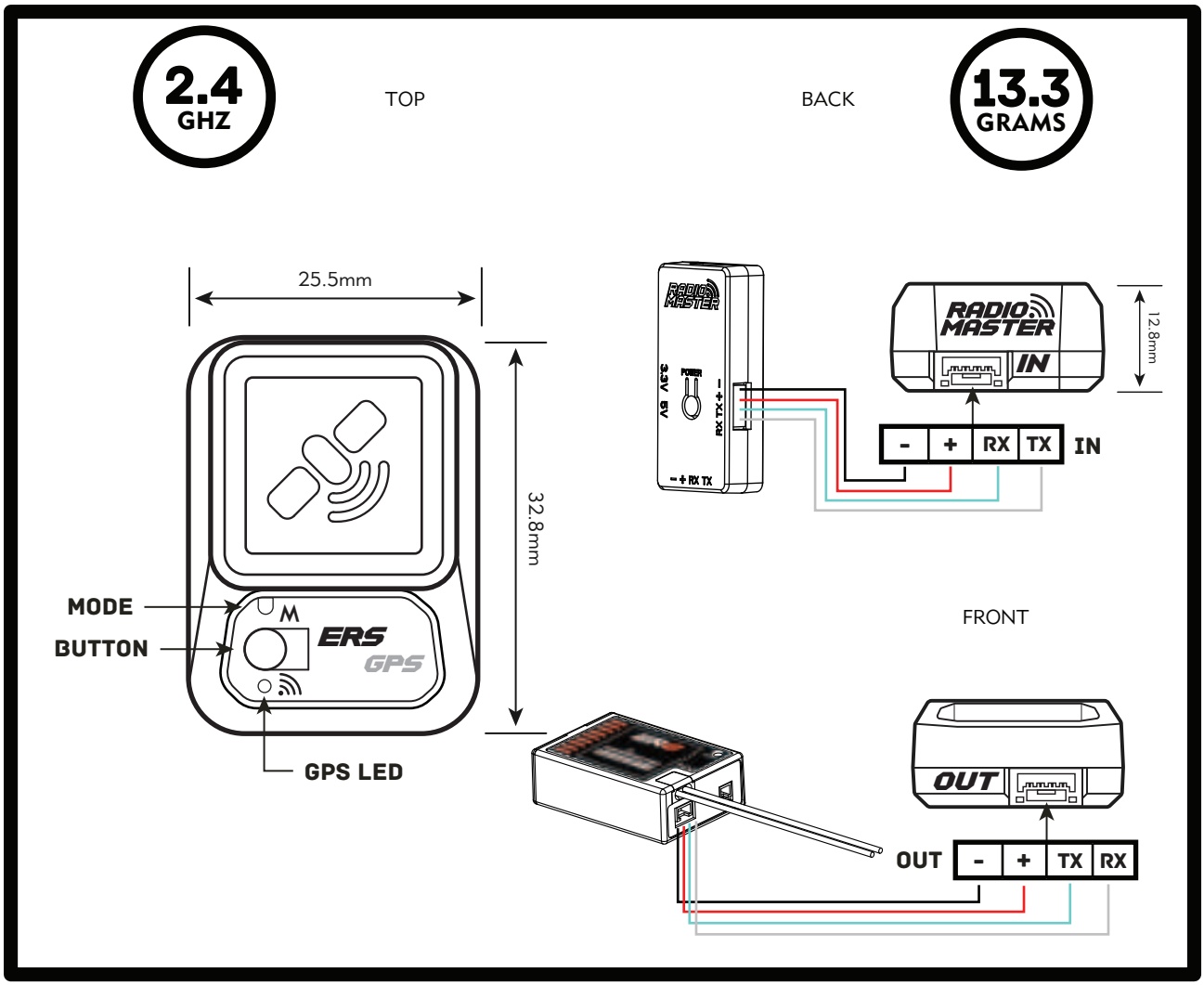


SPECIFICATIONS

- Size: 32.8*25.5*12.8mm
- Weight: 13.3g
- Power Supply: DC 3.0~12.0V
- Current: 35mA (5V)
- Telemetry Protocol: CRSF

INCLUDES

1x RadioMaster ERS-GPS
1x CRSF Wire

COMPATIBLE RECEIVERS

ER6 / ER8 / ER8G / ER8GV 2.4GHz ELRS PWM Receivers

SETUP

1. Discover New Sensors
2. Select Widget
3. Choose "VALUE"
4. Source = (Choose One of the following:)
   [GPS] GPS Full Data
   [GSpd] GPS Ground Speed
   [GSpd+] GPS Max Ground Speed
   [GSpd-] GPS Minimum Ground Speed

GPS LED

Flashing: Searching for GPS
Solid ON: Four or more satellites are acquired

INTRODUCTION

The **ERS-GPS** Telemetry Sensor is a specialized GPS unit designed by Radiomaster for the ER series ExpressLRS PWM receivers. This plug-and-play sensor integrates with the receiver via the CRSF interface. Equipped with two modes: Mode one to provide accurate GPS data and Mode two to provide accurate ground speed. Mode one is ideal capturing position and altitude logs when used with our ER series receivers with built-in barometers. Mode two is ideal for measuring speed in airplanes, jets, boats, or cars. Additionally, the ERS-GPS features a pass-through function that allows for easy future expansion of telemetry sensors through a daisy-chain arrangement.

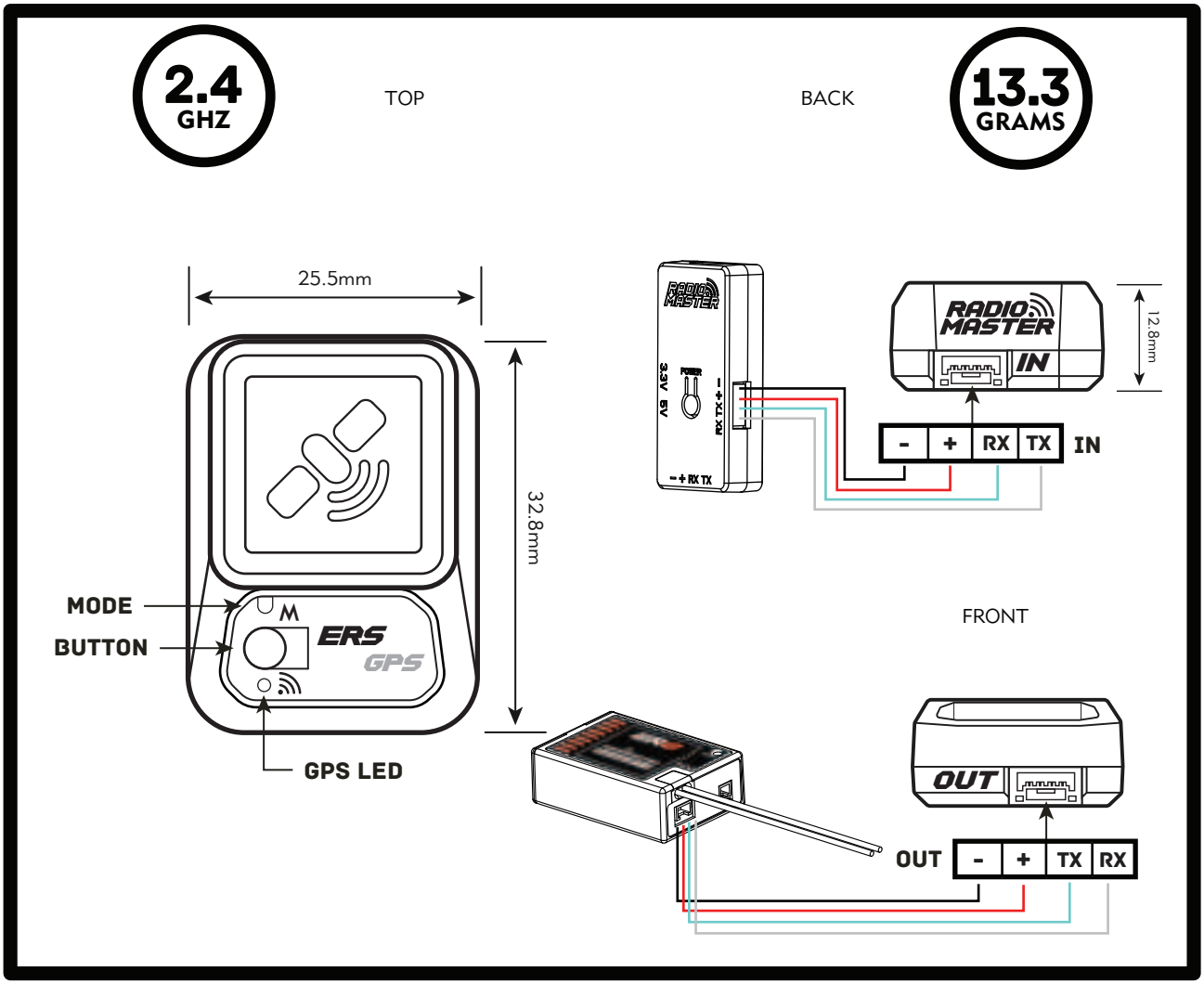
FEATURES

- GPS Data mode and GPS Ground speed mode: Log your GPS position or track your speed in real-time and quickly access peak performance stats.
- Future-Ready Pass-Through: The ERS GPS comes equipped with an in-and-out pass-through port, allowing you to daisy-chain additional sensors in the future – no need to swap out hardware as your needs evolve.
- Seamless ExpressLRS Integration: Designed to work effortlessly with compatible ER series ExpressLRS receivers.

MODE INDICATOR

Blue: 10Hz Ground speed data. (speed runs / top speed recording)
Red: GPS position data. (GPS position logging)

PRESS and **HOLD** button for 1 second to cycle between modes. When the green LED is solid, this means at least four satellites have been acquired.



规格参数

• 尺寸:	32.8*25.5*12.8mm
• 重量:	13.3g
• 供电范围:	DC 3.0~12.0V
• 工作电流:	35mA (5V)
• 遥测协议:	CRSF

包装清单

1x RadioMaster ERS-GPS
1x CRSF 线材

可适配接收机

ER6 / ER8 / ER8G / ER8GV 2.4GHz ELRS PWM 接收机

设置

1. 扫描新的回传项目
2. 设置小部件->选择小部件
3. 选择“数值“
4. 来源 =
   [GPS] GPS 完整数据
   [GSpd] GPS 地面速度
   [GSpd+] GPS 最大地面速度
   [GSpd-] GPS 最小地面速度

GPS 指示灯

闪烁：正在搜索GPS
指示灯常亮：四颗或更多卫星被接收

产品介绍

ERS-GPS 模块是专为 RadioMaster ExpressLRS PWM 接收机设计，提供高精度 GPS 数据。支持即插即拔式安装使用，通过连接 CRSF 接口与接收机完美配合，简单便捷，功能强大。
ERS-GPS 提供两种不同模式，提升使用体验：
模式一 提供精准的 GPS 数据，非常适合搭配内置气压计的 RadioMaster ER 系列接收机使用，有利于快速捕捉位置和高度日志。
模式二 专注于实时地面速度，适用于遥控飞机、喷气机、遥控船和遥控汽车等高速应用场景。
此外，ERS-GPS 还支持扩展功能，可通过串联方式轻松扩展模块，无需更换硬件，可以轻松实现未来扩展功能。

产品亮点

•GPS数据模式和实时追踪速度模式：实时记录 GPS 位置和跟踪速度，快速访问最佳性能统计数据。

•支持未来扩展功能：ERS-GPS 配备了串联端口，可自由选择添加更多模块，无需更换硬件，放心使用。

•完美兼容：ERS-GPS 适配 ER系列 ExpressLRS 接收机，提供稳定、流畅的遥测体验。

模式指示

蓝色：10Hz 地面速度数据。（速度测试 / 最高速度记录）
红色：GPS 位置数据。（GPS 位置记录）

按住按钮 1 秒钟以在模式之间切换。
当绿色 LED 常亮时，表示已获取至少四颗卫星。