RADIOMASTER

SPECIFICATIONS

- Size: 22*13*4mm
- Weight: 4.6g (w/antenna)
- MCU: ESP8285
- RF Chip: SX1281
- Frequency Band: 2400MHz-2483MHz
- Input Voltage: 5V
- Receiver protocol: CRSF
- Firmware (pre-installed): ExpressLRS v3.0

INCLUDES

1x RP3 ExpressLRS 2.4ghz Nano Receiver
2x 65mm UFL 2.4Ghz T-Antenna
1x User Manual
1x CRSF wire

DEFAULT FIRMWARE

RadioMaster RP3 Diversity 2400 RX

For more information, please visit the ELRS website:
https://www.expresslrs.org/2.0/

CONFIGURATION

Identifier	Configuration/MSP	Serial RX
USB VCP	⬤ 115200 ▾	◯
UART1	◯ 115200 ▾	◯
UART2	◯ 115200 ▾	⬤ ←

Open **Betaflight** Configurator, go to **Ports** tab and enable the corresponding UART as a Serial RX (e.g. UART2 as shown above). **Save** and **Restart**

Receiver

Serial (via UART) ▾	Receiver Mode

• The UART for the receiver must be set to 'Serial Rx' (in the *Ports* tab)
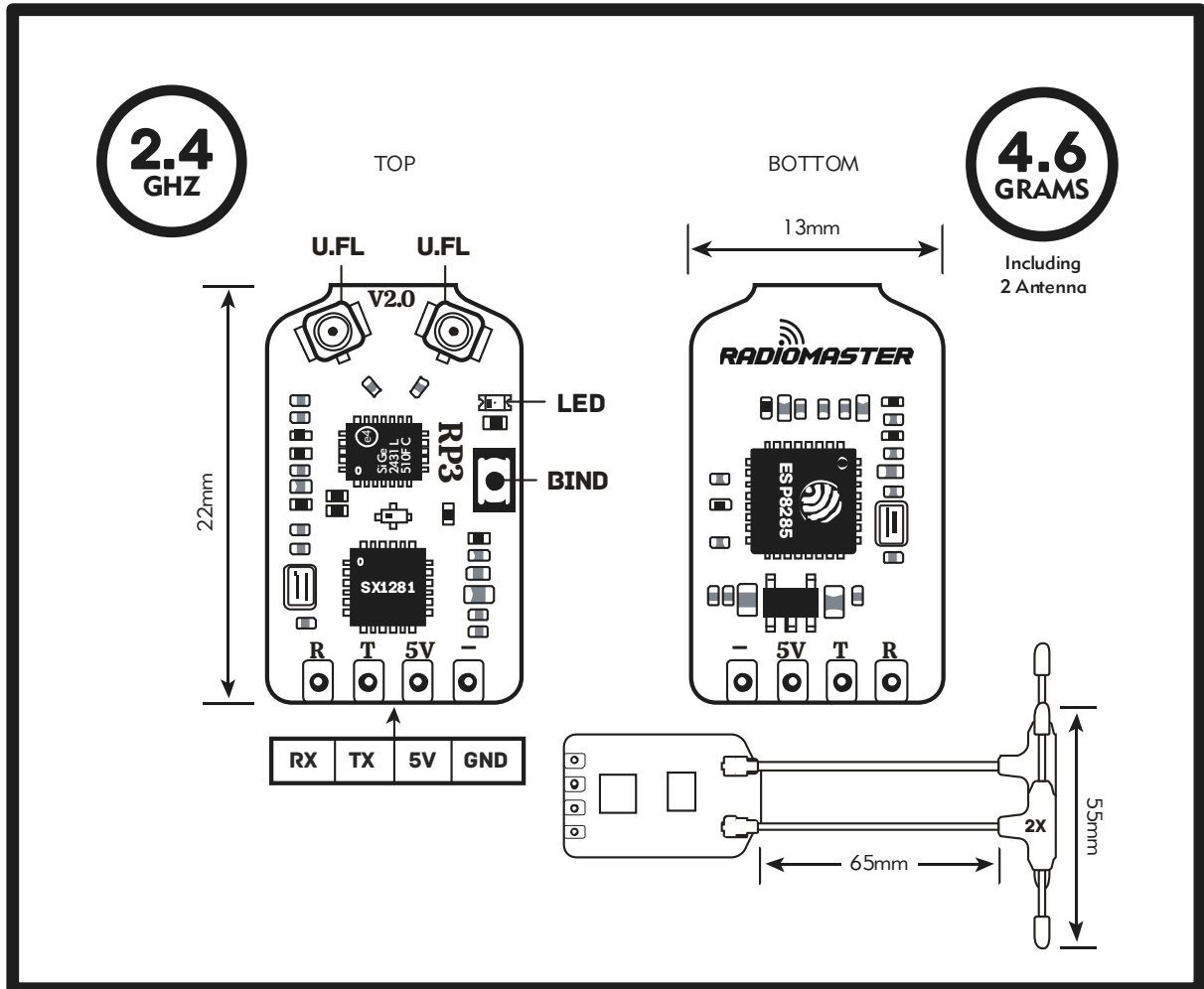• Select the correct data format from the drop-down, below:

CRSF ▾	Serial Receiver Provider

On the **Configuration** tab, click on **Serial-based receiver** on the **Receiver** panel, and select **CRSF**.

TRADITIONAL BINDING

Binding Phrase field must be uncommented in **Device options** on the RX.

1. Power **OFF** your transmitter/radio.
2. Plug in and unplug your receiver **3 times**.
3. Make sure the LED is doing a quick **double blink**, which indicates the receiver is in bind mode.
4. Power **ON** your transmitter/radio and use the [**BIND**] button on the ExpressLRS Lua script, which sends out a binding pulse.
5. If the receiver has a **solid light**, it's bound!

RADIO MASTER

2.4 GHZ

TOP

V2.0

U.FL　U.FL

LED

BIND

RP3

SiGe 2431 L 510FC

SX1281

R　T　5V　—

| RX | TX | 5V | GND |

BOTTOM

13mm

4.6 GRAMS

Including 2 Antenna

RADIOMASTER

ESP8285

—　5V　T　R

22mm

55mm

65mm

2X

规格参数

- 尺寸: 　　　　22*13*4mm
- 重量: 　　　　4.6g (w/o antenna)
- MCU: 　　　　ESP8285
- 射频芯片: 　　SX1276
- 频段类型: 　　2400MHz-2483MHz
- 输入电压: 　　5V
- 总线接口: 　　CRSF
- 无线协议: 　　ExpressLRS v3.0

包装清单

1x RP3接收机

2x 65mm U.FL 2.4Ghz 天线

1x 服务卡

1x 连接线

固件下载

RadioMaster RP3 2400 RX

For more information, please visit the ELRS website:

https://www.expresslrs.org/2.0/

设置

Identifier	Configuration/MSP	Serial RX
USB VCP	⬤ 115200 ▾	◯
UART1	◯ 115200 ▾	◯
UART2	◯ 115200 ▾	⬤ ⬅

打开Betaflight Configuration，转到Ports端口选项卡并启用相应的 UART作为Serial RX（例如，如上所示的UART2）保存并重新启动。

Receiver

Serial (via UART) ▾ 　Receiver Mode

- The UART for the receiver must be set to 'Serial Rx' (in the *Ports* tab)
- Select the correct data format from the drop-down, below:

CRSF ▾ 　Serial Receiver Provider

在Configuration选项卡上，单击Receiver面板上的 Serial-based receiver，并选择CRSF。

对频方法

1：关闭遥控器

2：重复给接收机上电三次，接收机灯双闪，表明接收机处于对频模式

3：开启遥控器，进入ExpressLRS的LUA操作界面，选择到【BIND】按键确认

4：接收机灯常亮表明对频成功