## SPECIFICATIONS

- Type: 868MHz / 915MHz
- Size: 24*14.2*3mm
- Weight: 5.5g (w/ 2x antennas)
- MCU: ESP8285
- RF Chip: SX1276
- Refresh rate: 25Hz~200Hz
- Input Voltage: 5V
- Antenna Connector: U.FL
- Receiver protocol: CRSF
- Firmware (pre-installed): ExpressLRS v3.0

## INCLUDES

1x BR3 ELRS 900MHz Receiver
1x 75mm U.FL 900MHz T-Antenna
1x User Manual Card
4x Silicone wires

## DEFAULT FIRMWARE

RadioMaster BR3 900 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**.

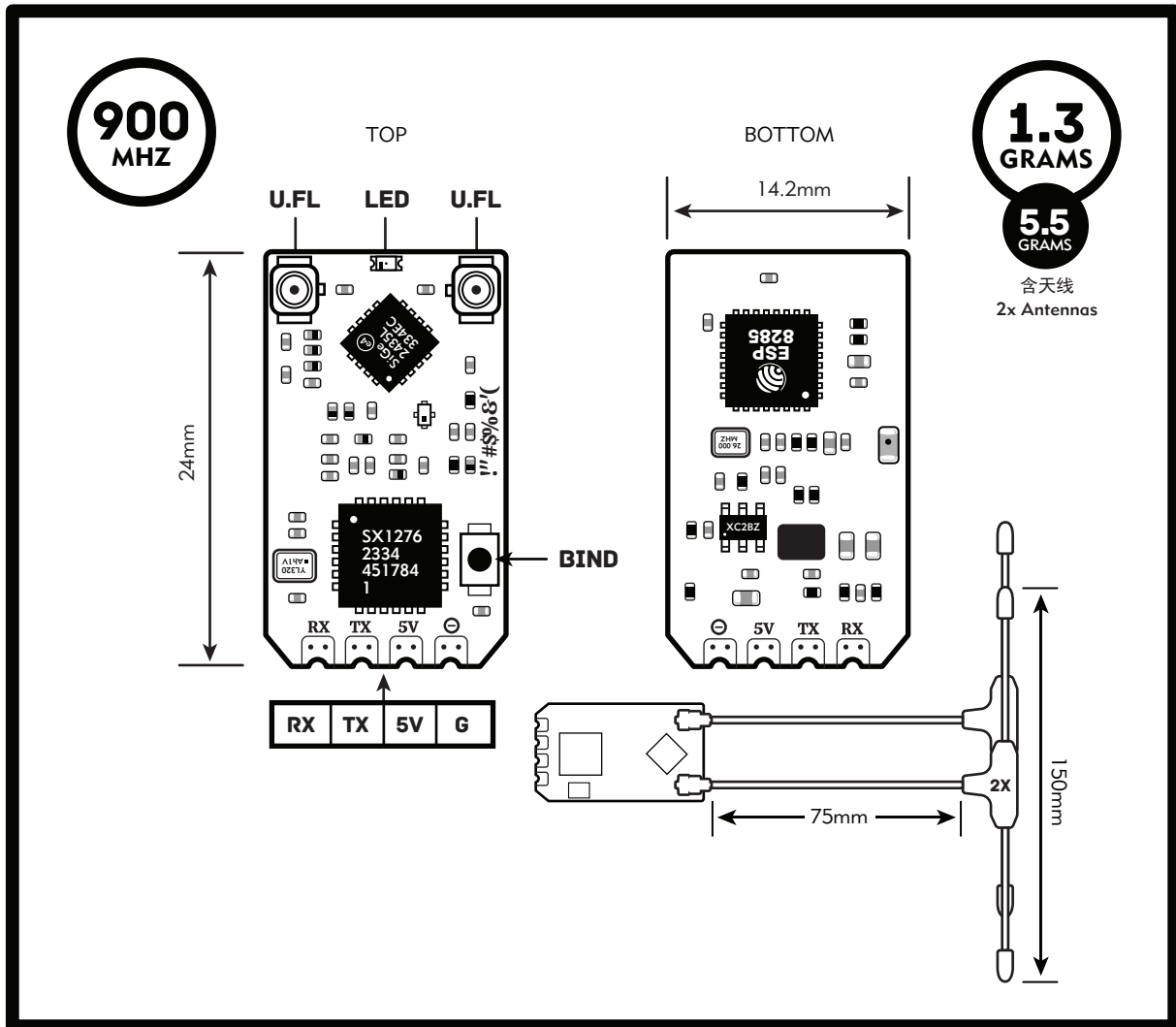| Receiver |
|---|
| Serial (via UART) ▼   Receiver Mode |
| • The UART for the receiver must be set to 'Serial Rx' (in the *Ports* tab)<br>• Select the correct data format from the drop-down, below: |
| CRSF ▼   Serial Receiver Provider |

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!

900 MHZ

TOP

BOTTOM

1.3 GRAMS

5.5 GRAMS

含天线
2x Antennas

U.FL  LED  U.FL

14.2mm

24mm

SIG8 2485C 33AEC

#S%0.8'ｊ

SX1276
2334
451784
1

YL320 ·1.AHV

**BIND**

ESP 8285

ZHW 26.000

XC2BZ

RX  TX  5V  ⊖

⊖  5V  TX  RX

| RX | TX | 5V | G |

75mm

2X

150mm

## 规格参数

| | |
|---|---|
| •频段类型: | 868MHz / 915MHz |
| •尺寸: | 24*14.2*3mm |
| •重量: | 5.5g (w/o antenna) |
| •MCU: | ESP8285 |
| •射频芯片: | SX1276 |
| •刷新率: | 25Hz~200Hz |
| •输入电压: | 5V |
| •天线: | U.FL |
| •总线接口: | CRSF |
| •无线协议: | ExpressLRS v3.0 |

## 包装清单

1x BR3 ELRS 900MHz 接收机

1x 75mm U.FL 900MHz T型天线

1x 服务卡

4x 连接线

## 固件下载

RadioMaster BR3 900 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