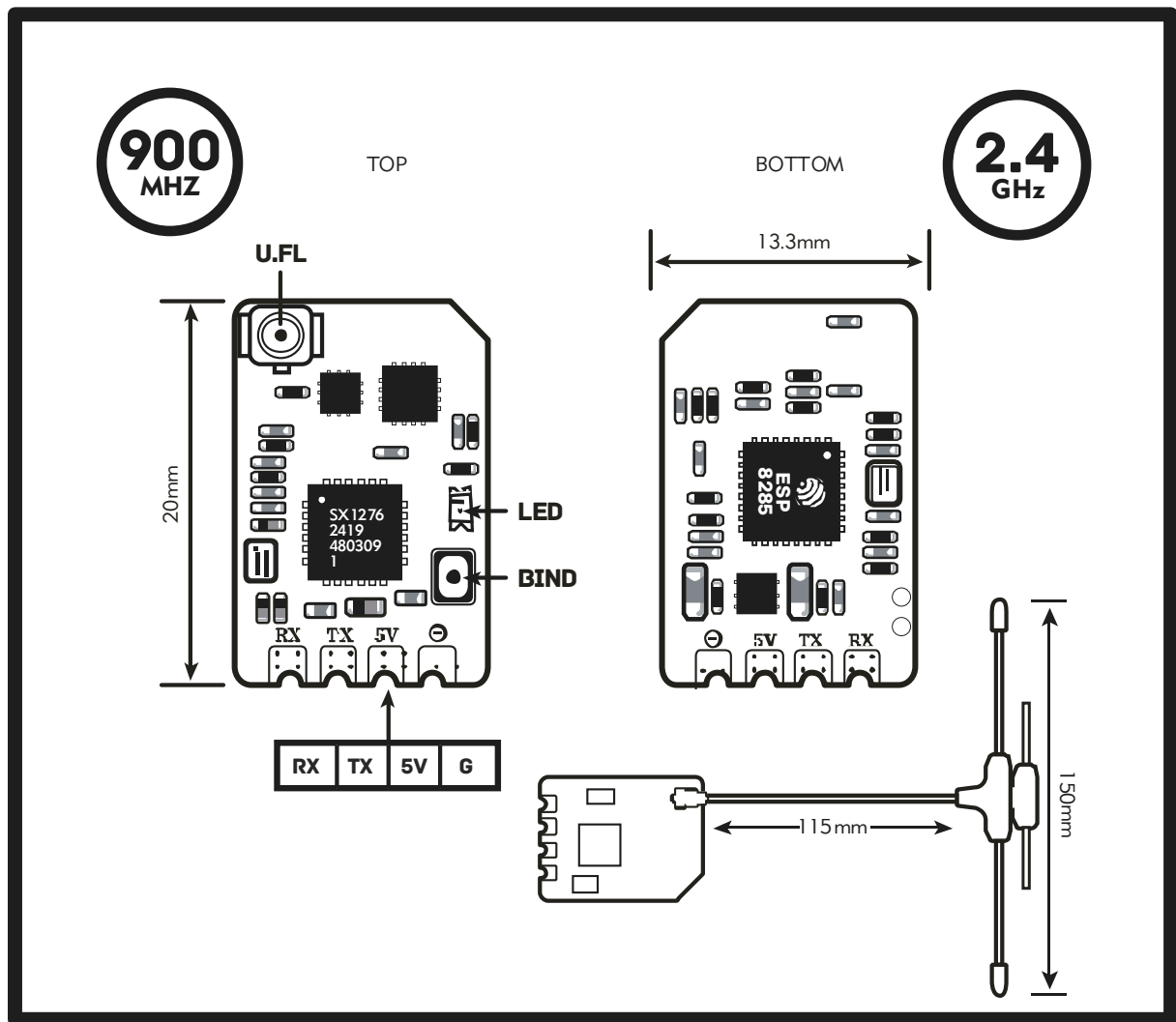




### SPECIFICATIONS

- Type: ISM2.4 or FCC915
- MCU: ESP32C3
- RF chip: Semtech LR1121
- RF connector: IPEX-1
- Antenna: 1x T-Antenna (Either 2.4GHz, 900Mhz or Dual-band depending on selected package)
- Frequency Range: 2.4GHz or Sub-G 900MHz
- Telemetry Power: 100mW
- Maximum Packet rate: DK500Hz / K1000Hz
- Minimum Packet refresh rate: 50Hz
- Working voltage: 5V
- Weight: 1.0g (without antenna)
- Dimension: 20mm \* 13mm \* 3mm
- Firmware Version: ExpressLRS v3.5.1 pre-installed
- Bus interface 1: CRSF
- Bus interface 2: UART

### INCLUDES

- 1 \* XR1 Nano Multi-Frequency ExpressLRS Receiver
- 1 \* T Antenna (Either 2.4GHz, 900Mhz or Dual-band depending on selected package)
- 1 \* CRSF wire
- 3 \* Heat-Shrinkable Tube
- 1 \* Manual Card

### DEFAULT FIRMWARE

RadioMaster XR1 2.4/900 RX

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

### CONFIGURATION

| Identifier | Configuration/MSP               | Serial RX                           |
|------------|---------------------------------|-------------------------------------|
| USB VCP    | <input type="checkbox"/> 115200 | <input type="checkbox"/>            |
| UART1      | <input type="checkbox"/> 115200 | <input type="checkbox"/>            |
| UART2      | <input type="checkbox"/> 115200 | <input checked="" type="checkbox"/> |

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

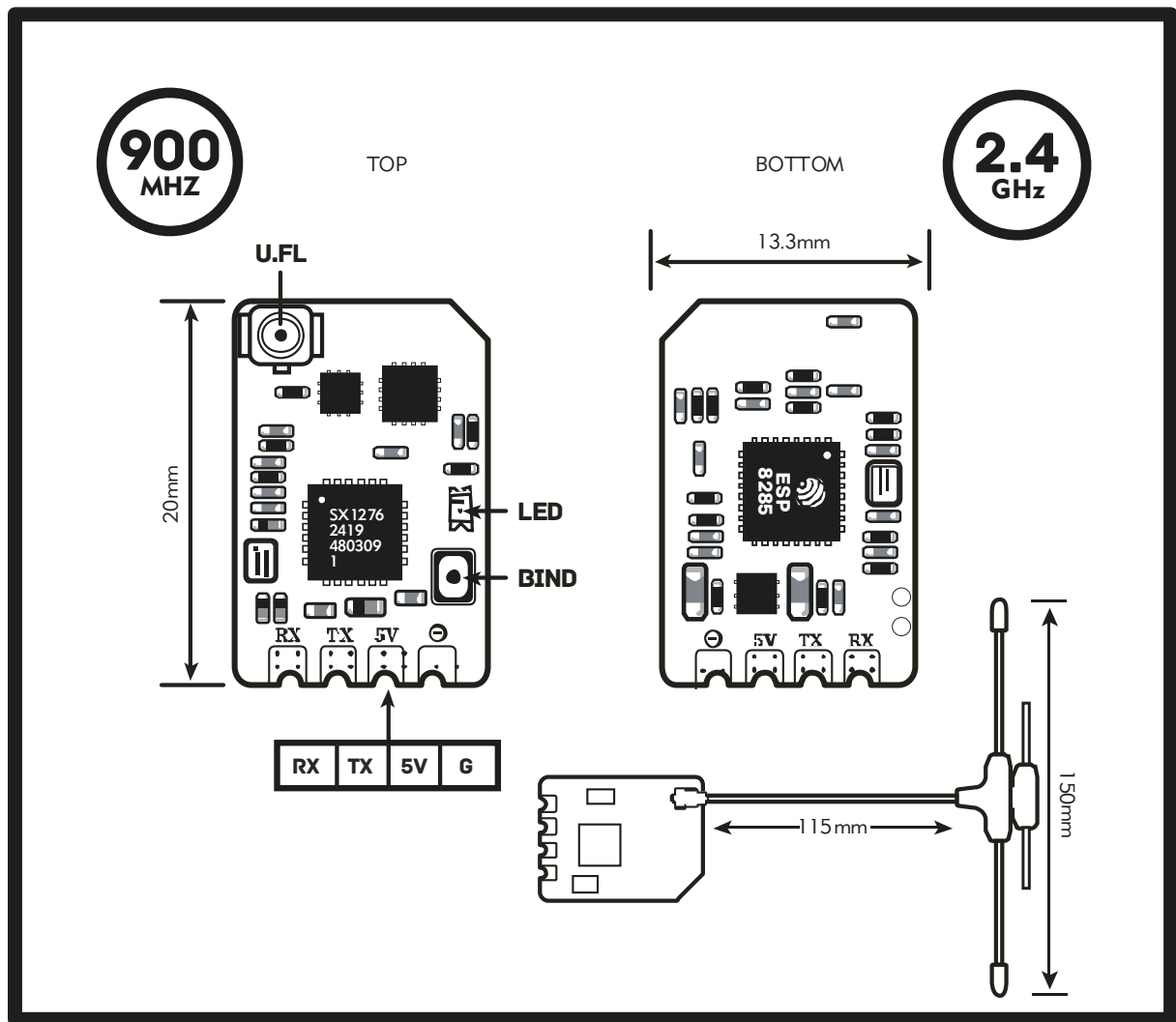
Serial Receiver Provider

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!



### 规格参数

- 频段类型: ISM2.4或FCC915
- MCU: ESP32C3
- 射频芯片: Semtech LR1121
- 射频连接器: IPEX-1
- 天线: 1 x T型天线 (根据所选包装的不同, 可能为 2.4GHz、900MHz 或双频天线)
- 频率范围: 2.4GHz或Sub-G 900MHz
- 射频功率: 100mW
- 最大数据包率: DK500Hz / K1000Hz
- 最小数据包刷新率: 50Hz
- 工作电压: 5V
- 重量: 1.0g (不含天线)
- 尺寸: 20mm \* 13mm \* 3mm
- 固件版本: ExpressLRS v3.5.1已预装
- 总线接口1: CRSF
- 总线接口2: UART

### 包装清单

- 1 \* XR1 Nano ExpressLRS 单路双频接收机
- 1 \* CRSF 线材
- 3 \* 热缩管
- 1 \* T型天线 (根据选购的版本对应配置 2.4GHz/ 900MHz/双频天线)
- 1 \* 服务卡

### 固件下载

RadioMaster XR1 2.4/900 RX

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

### 设置

| Identifier | Configuration/MSP                          | Serial RX                           |
|------------|--------------------------------------------|-------------------------------------|
| USB VCP    | <input checked="" type="checkbox"/> 115200 | <input type="checkbox"/>            |
| UART1      | <input type="checkbox"/> 115200            | <input type="checkbox"/>            |
| UART2      | <input type="checkbox"/> 115200            | <input checked="" type="checkbox"/> |

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