2.4 GHZ TOP BOTTOM **1.7 GRAMS**

U.FL U.FL

BIND

18mm

22mm

| RX | TX | 5V | GND |

100mm

150mm

SPECIFICATIONS

- Item: XR4 Gemini Xrossband Dual-Band Receiver
- MCU: ESP32D4
- RF Chip: LR1121 x 2
- RF connector: IPEX-1 X 2
- Antenna: Dual-Band T Antenna x 2 (Included)
- Frequency Range: 2.4GHz / Sub-G 900MHz
- Maximum receive refresh rate: DK500Hz / K1000Hz
- Minimum receiver refresh rate: 50Hz
- Working voltage: DC 5.0 - 12.6v
- Weight: 1.7g (without antenna)
- Dimension: 22mm * 18mm * 4mm
- Firmware Version: ExpressLRS v3.5.1 pre-installed
- Bus interface 1: CRSF
- Bus interface 2: UART

INCLUDES

1 * XR4 Gemini Xrossband Dual-Band Receiver
2 * Dual-Band T-Antenna
1 * CRSF Wire
3 * Heat-Shrinkable Tube
1 * Manual Card

DEFAULT FIRMWARE

RadioMaster XR4 2.4/900 Gemini 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**.
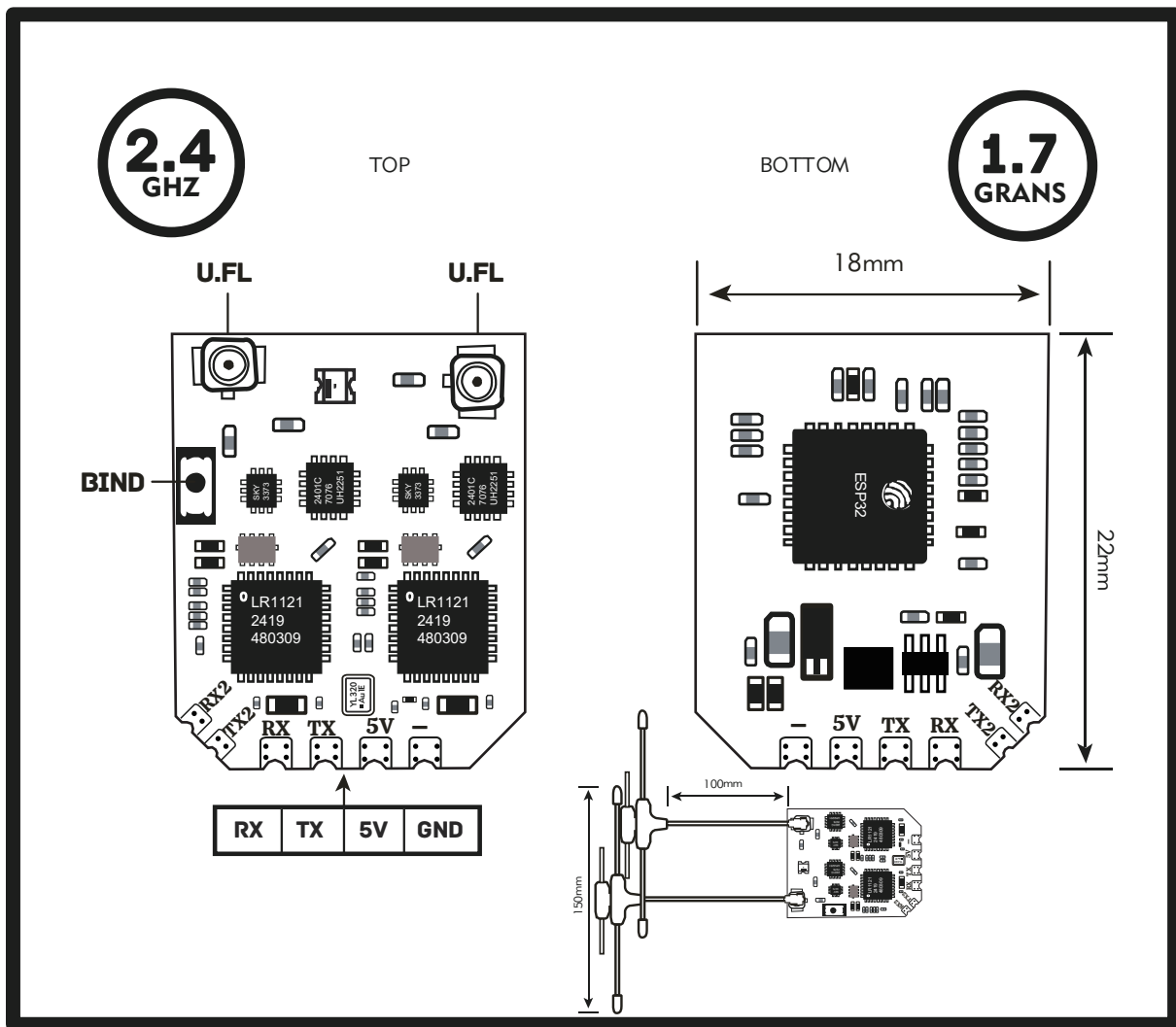
Receiver

| 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!

2.4 GHZ TOP BOTTOM **1.7 GRANS**

U.FL U.FL

BIND

RX2 TX2 RX TX 5V —

| RX | TX | 5V | GND |

18mm

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100mm

150mm

规格参数

- 名称：XR4 Gemini-X ExpressLRS 双频接收机
- MCU：ESP32D4
- 射频芯片：LR1121 x 2
- 射频连接器：IPEX-1 X 2
- 天线：双频 T 型天线 x 2（包含）
- 频率范围：2.4GHz / Sub-G 900MHz
- 最大接收刷新率：DK500Hz / K1000Hz
- 最小接收刷新率：50Hz
- 工作电压：DC 5.0 - 12.6V
- 重量：1.7g（不含天线）
- 尺寸：22mm * 18mm * 4mm
- 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 * XR4 Gemini-X ExpressLRS 双频接收机
2 * 双频 T 型天线
1 * CRSF 线
3 * 热缩管
1 * 服务卡

固件下载

RadioMaster XR4 2.4/900 Gemini 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