## Features

Twin Dual-band 1W transceivers
Experience unmatched reliability with dual-band ELRS Gemini Xrossband
ELRS Gemini 2.4GHz
ELRS Gemini 868/900MHz
Powerful Cooling System with dual 1-watt transceivers, the Nomad boasts serious power, complemented by an advanced cooling system to keep your module cool even on the hottest days.

## Specifications

Item: Nomad Dual Band Module with Micro Adapter
Regulatory Domain: ISM 2.4GHz, FCC915MHz
MCU: ESP32(main), ESP32c3(aux, as ESP backpack)
RF chip: Semtech LR1121 x 2
RF: Dual 1000mW | Dual band Gemini ELRS
Frequency Range: 2400 MHz - 2479 MHz / 903MHz - 927MHz
Maximum packet rate: 500Hz (1000Hz coming soon in ExpressLRS V3.4)
Minimum receiver refresh rate: 50Hz
RF Output Power: 1000mW x 2
Module bay adapters: Micro standard 5pin socket & Nano standard 8pin socket
Wifi Support: Yes
Bluetooth support: Yes
Built-in RGB light strip
XT30 Power supply voltage: DC 6V - 16.8V
Weight: 87.20g (with antenna) / 71.10g (without antenna)
Dimension: 80*45*40mm (without antenna)

## How to bind

NOMAD module require ELRS V3.0.0 or later. Please ensure your receiver is using V3.0.0 or later first.
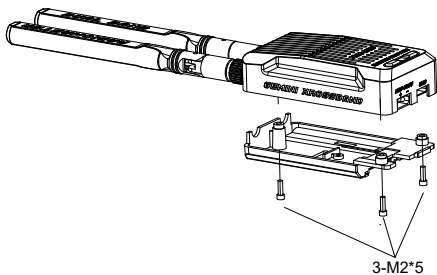
### Bind by Radio LUA

1: Enter radio ELRS LUA
2: Re-power 3 times your ELRS RX, make sure it on bind mode (LED double blink).
3: Press "Bind" on LUA menu.
Bind with Bindphrase
Learn more here https://www.expresslrs.org/3.0/quick-start/binding/



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## Package Includes

1 * Nomad Dual 1-watt Gemini Xrossband ExpressLRS Module
2 * Dual band 2.4GHz / 915 MHz antennas
1 * Nano Adapter
1 * Manual card

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## 产品亮点

高效能双频段双路双1W 高频头，保障信号稳定传输
体验 Gemini Xrossband，享受双频段ELRS的顶级可靠性与稳定性。
支持2.4GHz频段的ELRS Gemini，满足高速传输需求
兼容868/915MHz频段的ELRS Gemini，实现远距离稳定通信
强劲冷却散热系统，双1W收发器助力Nomad展现强大性能，采用先进散热技术，即使在酷暑夏日也能保持模块冷却

## 技术参数

型号：Nomad Gemini Xrossband ExpressLRS 双1瓦高频头
无线电监管领域：ISM 2.4GHz, FCC915
主MCU：ESP32
辅助MCU：ESP32c3（backpack）
射频芯片：Semtech LR1121 x 2
射频功率：(双1000mW | 双频段Gemini ELRS)
频率范围：2400 MHz - 2479 MHz / 903 MHz - 927 MHz
最大接收机刷新率：500Hz (ExpressLRS V3.4 将很快支持1000Hz)
最小接收机刷新率：50Hz
射频输出功率：1000mW x 2
接口：Micro标准5针插座 & Nano标准8针插座
支持WIFI：是
支持蓝牙：是
内置RGB灯带
XT30电源电压：DC 6V - 16.8V
重量：87.20g（含天线）/ 71.10g（不含天线）
尺寸：80*45*40mm（不含天线）

## 对码方式

NOMAD模块需要ELRS V3.0.0或更高版本。请确保您的接收器使用的是V3.0.0或更高版本。
通过遥控器LUA对码
1:输入无线电ELRS LUA
2:将ELRS RX重新上电3次，确保其处于对码模式(LED双闪烁)。
3:按LUA菜单上的"Bind"键。
使用Bindphrase绑定
在这里了解更多信息https://www.expresslrs.org/3.0/quick-start/binding/



1 * Nomad Gemini Xrossband ExpressLRS 双1瓦高频头
2 * 双频段2.4 GHz /915MHz 天线
1 * Nano 转接头
1 * 服务卡