

Featuring F-1000Hz refresh rates and a high-efficiency cooling system, the Ranger Nano 2.4GHz ELRS Module represents the cutting edge in ELRS technology. Attach the module to a compatible radio (Zorro, Pocket or MT12) to enjoy all that ELRS has to offer.

The included **T-shape** antenna is designed for general purpose flying. An optional **MOXON** antenna is available separately for directional applications.

***Note:** The Ranger Nano 2.4GHz ELRS Module fits Nano style connectors, for JR style micro module bays, please consider the Ranger and the Ranger Micro module.

FEATURES

- Built-in ExpressLRS Backpack
- High-efficiency cooling system
- Wifi and Bluetooth support
- Packet rates up to F-1000Hz
- T-antenna included
- Supports Zorro radio

INCLUDES

- 1x Ranger Nano Module
- 1x 2.4GHz T-Antenna
- 1x Manual

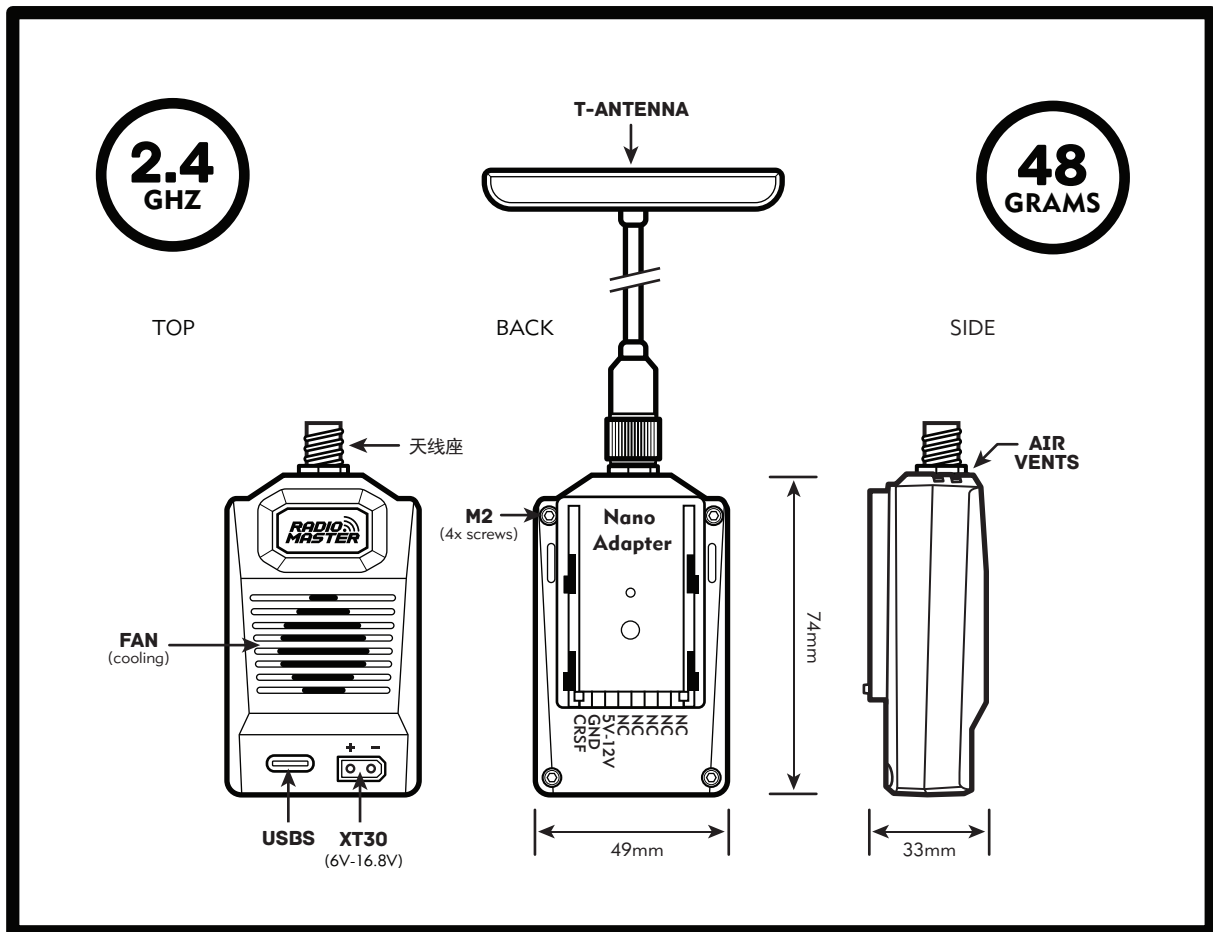
SPECIFICATIONS

- Regulatory Domain: ISM2400
- MCU: ESP32 (main)
ESP8285 (aux, as ESP backpack)
- RF Chip: SX1281IMLTRT
- Frequency Range: 2400 MHz - 2480 MHz
- Maximum Packet Rate: 500Hz/F-1000Hz
(F-1000Hz mode requires EgdeTX 2.7.1 or later)
- Control distance: Max 2km
- Min. Receiver Refresh Rate: 25Hz
- RF Output Power: Default 100mW
- Wifi Support: Yes
- Bluetooth Support: Yes
- XT30 Power Supply Voltage: DC 6V - 16.8V
- Weight: 48g (with antenna)
39g (without antenna)
- Dimension: 136*42*26mm (with T-antenna)
74*42*26mm (without antenna)

DEFAULT FIRMWARE

RadioMaster Ranger Nano 2.4GHz TX

We wish to thank the ExpressLRS team for their support and testing during the development of the Bandit series. To learn more and support the ExpressLRS project visit: <https://www.expresslrs.org>



Ranger Nano采用F-1000刷新率和高效散热系统，RadioMaster Ranger Nano是ExpressLRS模块设计的前沿技术。高频头兼容POCKET、MT12、ZORRO等遥控器，以便使用ELRS提供的所有功能。

本产品自带的是T型天线，如需定向天线可以选择购买MOXON搭配使用

*注意：Ranger Nano 2.4GHz ELRS是专用的Nano接口，如只用JR仓接口，请选用Ranger或者Ranger Micro

产品特点

- 内置ELRS系统
- 高效冷却系统
- 支持蓝牙WIFI
- 刷新率最高支持F-1000Hz
- T型天线
- 支持ZORRO、POCKET、MT12

包装清单

- 1x Ranger Nano 高频头
- 1x 2.4GHz T型天线
- 1x 说明书

技术参数

- | | |
|--------------|---|
| • 工作频段: | ISM2400 |
| • 芯片: | ESP32 (main) |
| | ESP8285 (aux, as ESP backpack) |
| • 射频芯片: | SX1281IMLTRT |
| • 频率范围: | 2400 MHz - 2480 MHz |
| • 支持最大刷新率: | 500Hz/F-1000Hz
(F-1000Hz模式需要EgdeTX 2.7.1或更高版本) |
| • 支持最小刷新率: | 25Hz |
| • 控制距离: | 最大2km |
| • 支持WIFI: | Yes |
| • 支持蓝牙: | Yes |
| • XT30 外部供电: | DC 6V - 16.8V |
| • 重量: | 48g (含天线)
39g (不含天线) |
| • 尺寸: | 136*42*26mm (含T型天线)
74*42*26mm (不含天线) |

固件下载

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