RADIO MASTER

900 MHZ

62.5 GRAMS

T-ANTENNA

TOP

BACK

SIDE

The Bandit Nano has UART solder pads on the PCB and may be used as a receiver.

OLED (display)

LED (indicator)

HEAT SINK (cooling)

USBC

NAV KEY (5 direction)

XT30

Nano Adapter

SOLDER PADS (internal PCB)
- GND
- VDD IN
- TX
- RX

M2 (4x screws)

5V-12V
GND
CRSF

68.5mm

41mm

RP-SMA

AIR VENTS

27mm

Featuring maximum 200Hz packet rates and an innovative convection cooling system, the Bandit Nano 900MHz ELRS Module represents the cutting edge in ELRS technology. Attach the Nano 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 Bandit Nano 900MHz ELRS Module fits Nano style connectors, for JR style micro module bays, please consider the Bandit and the Bandit Micro module.

FEATURES

- Packet rates up to 200Hz
- Optimized circuitry for ultra-low power consumption
- Built-in TCXO oscillator
- Low noise, high comfort
- High contrast OLED display
- Innovative convection cooling design
- Wifi and Bluetooth support
- Built-in ExpressLRS backpack
- 5 Directional nav key
- 915/868MHz T Antenna included
- Supports Zorro, Pocket and MT12 Radios

SPECIFICATIONS

- Regulatory Domain: FCC915
- MCU: ESP32 (main)
                               ESP8285 (aux, as ESP backpack)
- RF Chip: SEMTECH SX1276
- Refresh Rate: 25Hz / 200Hz
- Micro Standard JR Bay: Yes
- Built-in OLED Screen: Yes
- XT30 Power Supply Voltage: DC 6V - 16.8V
- Weight: 62.5g (with antenna)
- Dimension: 68.5*41*27mm (without antenna)
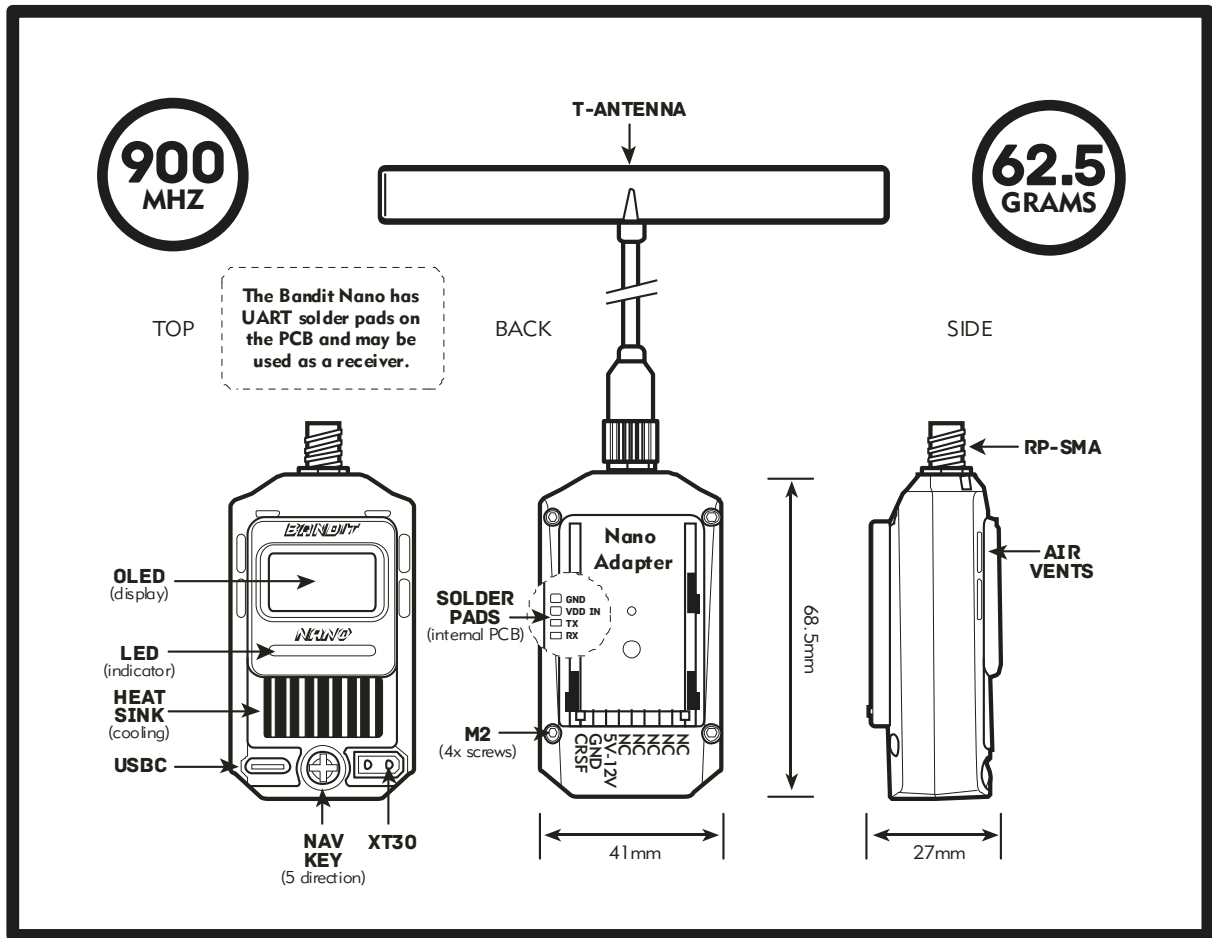- Firmware (pre-installed):   ExpressLRS v3.0

INCLUDES

1x Bandit Nano Module
1x 900MHz T-Antenna
1x Manual

DEFAULT FIRMWARE

RadioMaster Bandit Nano 900MHz 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

Bandit Nano ExpressLRS 高频头采用强劲涡轮散热系统，确保了最佳温度和低噪音运行，适用于Zorro、Pocket、MT12和其他支持"Nano"模块仓的设备。

Bandit ExpressLRS高频头搭载了T型天线，适用于日常飞行，并且还配置了Moxon天线，适用于远程定向飞行。无论您是进行日常娱乐飞行还是进行专业无人机（UAV）操控等各种飞行场景，都能够尽情享受飞行的乐趣。

产品特点

- 刷新率最大支持200Hz
- 电路优化设计，功耗更低
- 采用温补晶振，频点更稳定
- 低噪音运行，无振动干扰
- 高对比度OLED显示屏
- 强劲涡轮散热，低噪音运行，双倍风压降温
- 支持WIFI和蓝牙连接
- 内置ExpressLRS Backpack
- 五向主菜单按键
- 包含 915/868MHz T型天线
- Nano接口，适配Zorro，Pocket和MT12遥控器等

规格参数

- 频段类型: FCC915
- MCU: ESP32 / ESP8285(Backpack)
- 射频芯片: SEMTECH SX1276
- 刷新率: 25Hz / 200Hz
- 显示: OLED
- 输入电压: XT30电源插座DC 6V ~ 16.8V
- 重量: 62.5g（含天线）
- 尺寸: 68.5*41*27 mm
- 接口: 标准8针Nano接口
- 无线协议: ExpressLRS v3.0

包装清单

1x Bandit Nano ExpressLRS高频头
1x 900MHz T天线
1x 说明书

固件下载

RadioMaster Bandit Nano 900MHz TX

如需了解更多信息，请访问ELRS网站：
https://www.expresslrs.org/2.0/