works with Tuya

Enertrek C32 说明书
Enertrek C32 Instructions

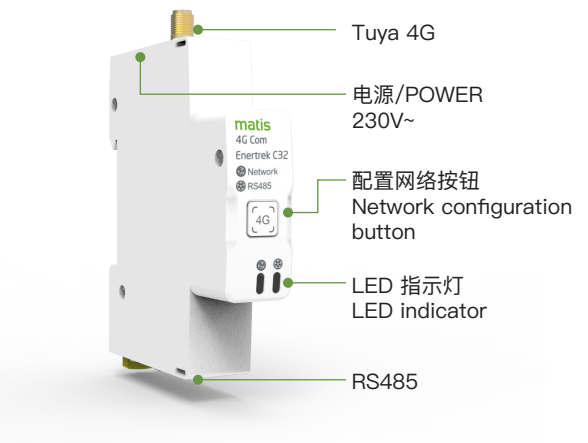
产品配置指南
Product Configuration Guide

Enertrek C 32

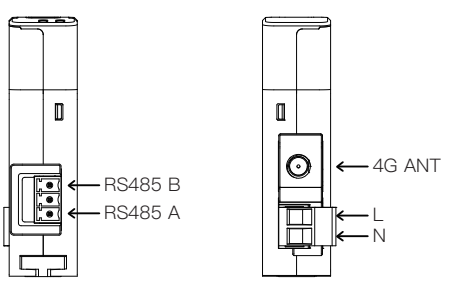
- 10:以太网/Ethernet
- 20:Wi-Fi 通用芯片/Wi-Fi
- 30:4G 通用芯片/4G
- 31:4G,涂鸦,1拖多MT53RST 4G, Tuya, 1-to-Multi-Connect MT53RST
- 32:4G,涂鸦,1 拖二 MT53RST 4G, Tuya, 1-to-2 MT53RST
- 33:4G,涂鸦,1拖二 MT88M 4G, Tuya, 1-to-2 MT88M

C:通信模块
C: Communication module

产品系列名称/Product Series



端子说明/Terminal description



LED 指示灯/LED Indicator

网络状态 / Network Status

绿灯常亮 Green light always on	设备正常运行 The device is running normally
绿灯慢闪（1s） Green light flashing slowly(1s)	正在注册或连接4G网络 Registering or connecting to 4G network
绿灯熄灭 Green light off	无SIM卡或网络未连接 No SIM card or network not connected

RS485 状态 / RS485 Status

绿灯闪烁 Green light flashes	正在进行Modbus RTU通信 Modbus RTU communication is in
绿灯熄灭 Green light off	未检测到下行设备活动或掉线 No downlink device activity detected or disconnection

使用说明/Instructions

1.应用商店搜索“涂鸦”，下载安装App并注册账号；
2.设备上电等待30s左右，直至网络指示灯绿灯慢闪，设备进入配网状态；网络状态灯绿灯长亮表明设备连接服务器成功；
3.打开“涂鸦”App，按如下提示进行配网操作：

【无线配网】
a.点击右上角“+”，选择“扫一扫”扫描设备上的二维码进行添加；
b.扫码后点击完成，设备将自动添加到App中；

【添加子设备】
1，点击“涂鸦”App内的采集器设备，进入采集器设备页面；
2，点击页面下方的扫码添加子设备按钮，选择“扫码形式，扫子设备上的二维码”，获取子设备SN号后，点击添加，等待15秒，子设备会自行添加到APP上；

1. Search for ‘Tuya’ in the app store or scan the following QR code, download and install the app, and register an account;
2. Upon power-up, the device will enter a pairing mode after approximately 30 seconds, indicated by a slowly flashing green network light. A successful connection to the server is then confirmed by a solid green light.
3. Open the ‘Tuya’ app and follow the prompts below to operate the distribution network;

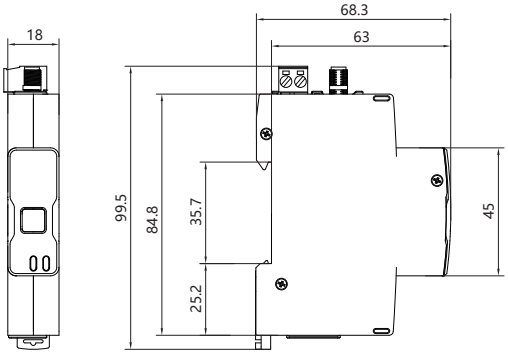
【Wireless Distribution Network】
a. Click on the ‘+’ in the upper right corner and select ‘Scan’ to scan the QR code on the device and add it;
b. After scanning the code, click ‘Finish’ and the device will be automatically added to the app;

【Add Sub Devices】
1，Click on the collector device in the ‘Tuya’ app to enter the collector device page;
2，Click the ‘Scan Code to Add Sub Device’ button at the bottom of the page, select ‘Scan Code Form – Scan QR Code on Sub Device’, obtain the SN number of the sub device, click ‘Add’, wait for 15 seconds, and the sub device will be added to the APP by itself;

技术参数/Technical Parameter

电源输入 Power input	AC 100—240V，50/60 Hz
RS485接口 RS485 interface	1路差分接口，Modbus RTU主站 1-channel differential interface Modbus RTU master
上行网络 Uplink network	涂鸦 APP Tuya APP
SIM卡槽 SIM card slot	Micro-SIM卡（15mmx12mm） Micro-SIM card（15mmx12mm）
天线接口 Antenna interface	外置SMA External SMA
按键 Button	短按 添加子设备； 长按10S 删除所有子设备，恢复出厂设置； Press shortly: Add sub-device. Press and hold for 10 seconds: Delete all sub-devices and restore factory settings.
指示灯 Indicator	网络状态、RS485 活动 Network Status、RS485 Activity
工作温度 Working temperature	-10 ℃ ~ + 55 ℃

尺寸/Dimension (mm)



⚠危险/Danger

存在触电风险:
There is a risk of electric shock

- 在操作前，必须仔细阅读本安装说明。
- Before operation, carefully read this installation manual.
- 所有操作应由具备相应资质并通过安全培训的专业人员进行。
- All work must be done by trained professionals.
- 在带电环境中安装或维护设备可能导致严重人身伤害或死亡。
- Working on energized equipment can cause severe injury or death.

注意/Attention

存在电击或设备损坏风险
There is a risk of electric shock or equipment damage

- 请在断电状态下进行接线、检修或更换部件。
- Perform all wiring and maintenance with power off.
- 使用前应确保电压、电流及互感器规格与本产品匹配。
- Ensure voltage and current specifications match before use.
- 不当的安装、接线或环境条件可能影响测量精度或导致设备损坏。
- Improper installation, wiring, or environment may affect accuracy or damage the device.

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