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U 985 蓝牙低功耗适配器

产品规格书

U 985 Bluetooth Low Energy Adapter

Product Specification

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产品简介



U 985蓝牙低功耗适配器

U 985 是一款专门针对BLE通讯的产品，可用于低功耗蓝牙，Mesh应用等，支持5.2多协议无线电，拥有更长的传输距离和2 Mbs无线数据速率。

使用操作简单，提供上位机软件，无缝兼容BuildGo和BT Lab软件

可广泛应用于高级可穿戴设备，虚拟和增强现实、高性能HID控制器、智能家居和工业以及物联网设备。可通过定制序列，实现量产测试需求

功能特点

- 支持蓝牙5.2多协议无线电，更长的传输距离
- 软件配置灵活，支持多种广播，服务等配置
- 无线数据速率：2Mbps/1Mbps/500kbps/125kbps
- 广播包扩展
- 支持低功耗蓝牙的全部四个角色（中央/外围/广播/观察）

规格参数

整体参数	
工作电压	5V
TX功率	+8至20dBm
灵敏度	125kbps:-103dBm 1Mbps:-95dBm
尺寸(mm)	96*33*140
适用温度	-20℃~50℃
串口通讯	USB

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Product introduction



U985 Bluetooth Low Energy Adapter

The U 985 Bluetooth Low Energy Adapter is a product specifically designed for BLE communication. It can be used for low-power Bluetooth and Mesh applications, supports 5.2 multi-protocol radio, and offers an extended transmission range with a 2 Mbps wireless data rate.

It is easy to operate and comes with host computer software, seamlessly compatible with BuildGo and BT Lab software.

The adapter can be widely applied in advanced wearable devices, virtual and augmented reality, high-performance HID controllers, smart home and industrial applications, as well as IoT devices. Custom sequences are available to meet mass production testing requirements.

Features

- Supports bluetooth 5.2 multi-protocol radio with extended transmission range
- Flexible software configuration, supports various advertising and service settings
- Wireless data rates: 2Mbps / 1Mbps / 500kbps / 125kbps
- Advertising packet extension
- Supports all four bluetooth low energy roles (central/peripheral/advertiser/observer)

Specification parameters

Parameters	
Operating Voltage	5V
TX Power	+8 to 20dBm
Sensitivity	125kbps:-103dBm 1Mbps:-95dBm
Dimensions (mm)	96*33*140
Operating Temperature	-20℃~50℃
Serial Communication	USB

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