

TPS004

Table Position System
Bluetooth



FENGYU

TPS004

Table Position System Bluetooth

Main Features

- Use Bluetooth technology to search closest transmitter under the table
- User just place the TPS Tracker on the table anywhere. The system will know the TPS Tracker on which table
- A unique number printed on the surface of each TPS Tracker to represent a receipt number
- Use of 2.4GHz RF interface for sending TPS Tracker's number to the TPS monitor
- Made with PC plastic
- Amplified RF interface, being tested with strong noisy environment
- TPS Tracker with low battery level signal on 7 segment and TPS monitor can indicate which table transmitter box need to change the battery

Technical Data

[Electronics]

- Power Supply: lithium battery for TPS Tracker and TPS Charger
- Transformer Output Voltage: 12V for TPS Charger
- Current Consumption: ~130mA for operating, ~10mA for idle
- Battery Life: around one week

[Wireless Specifications]

- 2.4GHz frequency band
- FSK modulation
- FCC and CE compliant
- RF output power: 18dBm
- Receiver sensitivity: -120dBm
- Up to 50 meters range

[Dongle (for TPS Display)]

- USB interface
- Input Voltage Range: 5V/DC +/- 10%
- Current Input: 100mA max
- Use standard USB HID driver for the keyboard driver

[Transmitter Box (under the table)]

- Bluetooth 5.0 BLE technology
- Low power consumption
- Battery Life: more than one year

[Others]

- Storage temperature: -40°C to +70°C
- Operating temperature: 0°C to +70°C
- Operating humidity: 100%
- TPS Tracker Dimensions: 88 mm x 85 mm x 32mm
- TPS Tracker Weight: 100g
- Transmitter Box Dimensions: 175 mm x 107 mm x 54 mm
- Transmitter Box Weight: 170g

