LoRaWAN Button

PB01

Factory

Office

Store

School

Home

Warehouse Building

OVERVIEW:

PB01 LoRaWAN Button is a LoRaWAN wireless device with one push button. Once user push the button, PB01 will transfer the signal to IoT server via Long Range LoRaWAN wireless protocol. PB01 also senses the environment temperature & humidity and will also uplink these data to IoT Server.

PB01 supports 2 x AAA batteries and works for a long time up to several years(Actually Battery life depends on button push time). User can replace the batteries easily after they are finished.

PB01 has a built-in speaker, it can pronouns different sound when press button and get reply from server. The speaker can by disable if user want it.

PB01 is fully compatible with LoRaWAN v1.0.3 protocol, it can work with standard LoRaWAN gateway.

Features:

- Wall Attachable
- LoRaWAN v1.0.3 Class A protocol
- 1 x push button. Different Color available.
- Built-in Temperature & Humidity sensor
- Built-in speaker
- Bands: CN470/EU433/KR920/US915/EU868/AS923/AU915/IN865
- AT Commands to change parameters
- Remote configure parameters via LoRaWAN Downlink
- Firmware upgradable via program port
- Support 2 x AAA LR03 batteries
- IP Rating: IP52

Specification:

Built-in Temperature Sensor:

- Resolution: 0.01 °C
- Accuracy Tolerance: Typ ±0.2 °C
- Long Term Drift: < 0.03 °C/yr
- Operating Range: -10 ~ 50 °C or -40 ~ 60 °C (depends on battery type, see FAQ)

Built-in Humidity Sensor:

- Resolution: 0.01 %RH
- Accuracy Tolerance: Typ ±1.8 %RH
- Long Term Drift: < 0.2% RH/yr
- Operating Range: 0 ~ 99.0 %RH(no Dew)

Order Info:

Part Number: PB01-LW-XX(white button) / PB01-LR-XX(Red Button)

XX: The default frequency band

- Frequency Bands, options: CN470/EU433/KR920/ US915/EU868/AS923/AU915/IN865