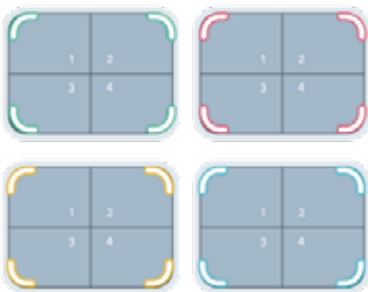


LoRaWAN Button

Smart LoRa Button Hardware

- Based on the LoRaWAN 1.0.2 protocol
- 4 press menu in Hardware design
- Supports ABP and OTAA two ways to join network
- Deliver customized services to quickly match prototype applications



RAK_LB801N LoRaButton is a remote wireless trigger designed based on the LoRaWAN protocol. It supports user-defined functions for each key and supports LoRaWAN working mode, which allows users to easily link to the LoRaWAN network.

Based on the LoRaWAN 1.0.2 protocol, which means that it supports all prevailing regional frequency bands, such as AS923, AU915, EU868, KR920, US915 and IN865.

RAK_LB801N LoRaButton by connecting the serial port configuration parameters, you can achieve flexible parameter settings, to avoid the inconvenience of adding a fixed parameter. It also supports ABP and OTAA two ways to join network, greatly increased the use of the product scene. (Currently only support ABP way to join, the follow-up will be updated by firmware to support OTAA way to join).

Application



Smart Home



Home Video



Control Lights



Snooze Button



Take Picture



Wireless Trigger

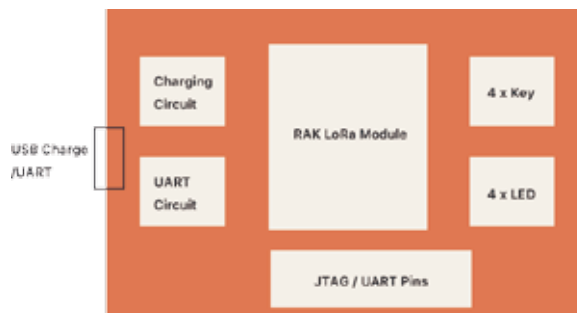


Remote Switch

Specification

Product	RAK_LB801N LoRaButton
Product size	38mm x 52mm
Battery	300mAh
Battery working time	2 year (Re-charge)
Power consumption	TX 30mA , Standby 10μA
Operating temperature	-20°C ~ 60°C
Working environment	Indoor or outdoor
Equipped with module	RAK811-N
LoRaWAN Version	V1.0.2
Network Activation way	ABP and OTAA
Upgrade Method	Serial port

System Diagram



Cooperation Platform

