

# USER MANUAL

## **1. General Outline**

### **1.1 Overview**

This Remote Controller is RF wakeup solution ideal for S-Label EPD-TAG.  
Remote Controller consists of RF Transceiver IC, ZigBee SoC, and Tact Switch.

### **1.2 Features**

- LED : status Indicator(Green)
- Operating on 2.4GHz Unlicensed ISM band for ZigBee
- high-power Transmission, Frequency Band Selectable
  - OutLine Dimension : 39.2 X 84.7 X 13.5 mm
- RoHS compliant

### **1.3 Application**

- Retail industry with the electronic display and platform, solutions, and services
- Intelligently communicating, managing, and optimizing price and product informations.

## **2. Cautions for Treatment**

Provisions should be made to protect against any damage to the product caused by improper handling. The purchaser assumes any responsibility for damage to the product caused by improper handling.

This RF device operates on the 2.4GHz frequency band and can produce radio interference. The device, therefore, may not be used for applications where safety of human lives is concerned.

### **2.1 Usage Environment**

Take extra cautions when using this RF device in the vicinity of other electronic devices and appliances. Most electronic devices and appliances use electromagnetic waves. Electromagnetic waves emitted by this RF device can affect other electronic devices and appliances.

If using the device in an explosion hazard area, follow all safety regulations, instructions, and signals.

### **2.2 Storage and Use**

- Moisture and liquids can damage internal parts and circuit boards if allowed to enter into the device itself.
- Do not place or store the product on a sloped surface. The product may slide and fall off the surface and damaged.
- Use the product in temperatures ranging from +5°C to +40°C. Parts and circuits may be damaged if used or stored under temperature extremes.
- Avoid areas with strong magnetism or subject to magnetism.
- Contact between the device and a magnetic object can lead to malfunctions.
- Do not place the product near heat-producing kitchen appliances like a stove or a microwave or in the vicinity of highly pressurized containers.
- External impact to the product, such as from being dropped, can damage the product.
- Twisting and bending the product can damage the exterior casing and the internal components.
- If this product operates abnormally in eliminating battery vinyl or replacing battery, you should discharge it by contacting battery terminal (+) and (-).
- This product uses 2.4GHz frequency band for wireless communication network. Radio communications can be limited or affected by other applications which share same frequency band, such as WiFi, Bluetooth, Zigbee, etc.
- Frequent use of communication can reduce battery life time.

# CE 0678

## FCC Warning information

### FCC Part 15.19

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC Part 15.21

Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.