

ER-BLYP BLE Buzzer Device

Product Overview

The **ER-BLYP** is a compact **Bluetooth Low Energy (BLE)** buzzer device designed for industrial and smart automation environments. The device can be triggered using a mobile application via Bluetooth or remotely controlled through a Bluetooth gateway.

When activated, the device generates an audible buzzer alert that helps in asset tracking, personnel notification, restricted area notification and workflow automation in industrial environments.



Figure 1 Blyp

Key Features

- Bluetooth Low Energy communication
- Buzzer alert activation via **mobile application**
- Remote triggering through **Bluetooth Gateway**
- Configurable alert duration
- Secure BLE communication with encryption
- Compact and rugged industrial design
- Low power operation

Technical Specifications

Parameter	Specification
Power Source	Inbuilt (CR2450 3V Coin Cell Battery x 2)
Operating Voltage	2.7V – 3.6V
Battery Life	Up to 1 year*
Transmit Power	-20 dBm to +8 dBm (Programmable)
Supports BLE 5.0	Yes
Advertisement Type Supported	Legacy
Beacon Interval	1 sec
Security / Password Protected	Yes, AES128 Hardware Encryption

Operating Temperature Range	-20°C to 70°C
Working Humidity	0 to 95% RH
Flash Memory	1 MB
RAM	256 KB
IP6X	Yes
Enclosure Material	ABS Plastic
Dimension	Approx 72 × 40 × 25 mm

*Battery life depends upon parameters set such as advertising interval, transmit power, Rx mode time, buzzer usage, etc.

Product Images



Figure 2 Product Images