

LEO-L02

BLT Tag for Real-time Locating System

NEW



Features

- Various fasteners can be used for asset fixing and personnel wearing
- Robust plastic housing is suitable for use with a variety of cleaning solutions
- IP55 rating allows for washing or even showering.
- Automatically enters "sleep mode" after tag has been stopped moving for more than 10 minutes
- Automatic low battery detection, through the BLE network

Introduction

LEO-L02 is a tag of Real-time Locating System. It is small, thin and light, suitable for attachment to the equipment and assets or personnel wearing. Each LEO-L02 sends a proprietary signal of Bluetooth Low Energy communication technology and allows a specific location engine to track its position. The accuracy/error value of the LEO-L02 is about 2~3 meters, and the battery life is up to 7 months (based on 1Hz). The LEO-L02 has hidden button/switch on front and back for manual or automatic detection of status reports. The fasteners can support a variety of mounting methods for equipment. We have also developed wristband accessory, so the LEO-L02 is suitable for asset or personnel management in hospitals and factories.

Specifications

Main Chipset	CC2640
Bluetooth	Bluetooth Low Energy 4.2
Operation Range	100 feet (typ.)
Transmitting Power	Maximum 5dBm
Standby Current	Less than 2.0uA
Motion Detect	G Sensor
Dimensions	42 x 28 x 6.0 mm (1.65 x 1.10 x 0.24 in)
Weight	8 g (0.02 lb)
Power Supply	1 x CR2032 battery
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)
IP Rating	IP55
Certifications	CE, FCC, NCC

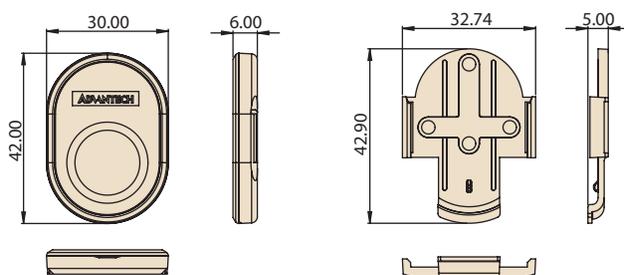
Ordering Information

Part Number	Communication		Appearance	
	Type	Frequency	Front/Back	Fastener
LEO-L02-U00	Bluetooth	2.4 GHz	white	blue

Dimensions

LEO-L02

Unit: mm



Wristband Accessory



Features

- P/N: LEO-L02-W00
- Dimensions: 229.1 x 46.6 x 10.72 mm (9.02 x 1.83 x 0.42 in)
- Wrist circumference: 120 ~ 180 mm (4.72 ~ 7.09 in)
- Material: Silicon rubber/Plastic/Steel
- Weight: 15 g (0.03 lb)