

# User manual

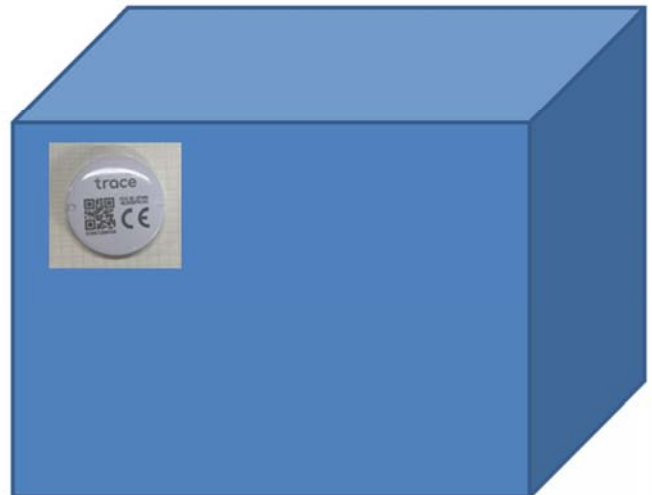
## 1. Functional Description

CD01BTR01X and 2 other types(CD01BTR06X, CD01BTR90X) are sticker device that can easily attach to the things(like as box, equipment...). This Device only can do Tx. It is not support to RX. Use APP or PC to locate their things by finding with the BLE system(like as SamrtPhone, BLE Gateway...)

① Remove the protective paper(back sheet)



② Attach to the things( like box, equipment...)



## 2. Features

- BLE - compliant
- Compact dimension:  $\varnothing 27\text{mm} \times 6.9\text{mm}$
- Host Interfaces: IIC Interface
- RoHS compliant
- Supply voltage range  
Nominal Voltage 3.0V(1.7V ~ 3.5V)

### 3. Electrical Characteristics

#### -Absolute Maximum Ratings

Item	Spec.			Unit	Condition
	Min	Typ.	Max		
ADV		150		uA	Average
Sleep		0.7		uA	Average

#### -Recommended Operating & Environmental Conditions

Items	Parameter	Spec.			Unit	Condition
		Min	Typ.	Max		
Temp	Operating Temperature	-10		50	°C	
	Storage Temperature	-20		60	°C	
Weight		7.25 ±5%			g	
					g	

## 4. RF Specifications

All measurements are made under nominal supply voltage, room temperature, and conducted conditions at each antenna port except antenna.

Items	Parameter	Spec.			Unit	Condition
		Min	Typ.	Max		
Tx	Transmit Frequency	2402		2480	MHz	Bluetooth 4.2
	Transmit Power	-	0	3	dBm	
	Frequency Deviation	-	±250	-	KHz	BLE 1Mbps

## 5. FCC

FCC Information to User

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Caution

THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

IMPORTANT NOTE : FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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 of the device.

## **6. CE Traceability**

Product Name: Coin Tag

Model Name: CD01BTR01X

( Series Model Name: CD01BTR06X and CD01BTR90X)

Manufacturer: SOLUM CO., LTD

(Address: 357, Yongin Techno Valley Building A, Guseong-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 16914, Republic of Korea )