Specification: UHF RFID Reader

Model Name : ASR-X3XD
Project Name : UHF RFID Reader
Revision : Rev.0

Supplier Approval

Made by	Checked by	Approved by
YB Kim		
2022-08-19		

Customer Approval

Checked by	Checked by	Approved by

Revision Descriptions

Rev	ECN	Description	Approved by	Date
A101		Initial draft		**2022.08.19**

1. Scope

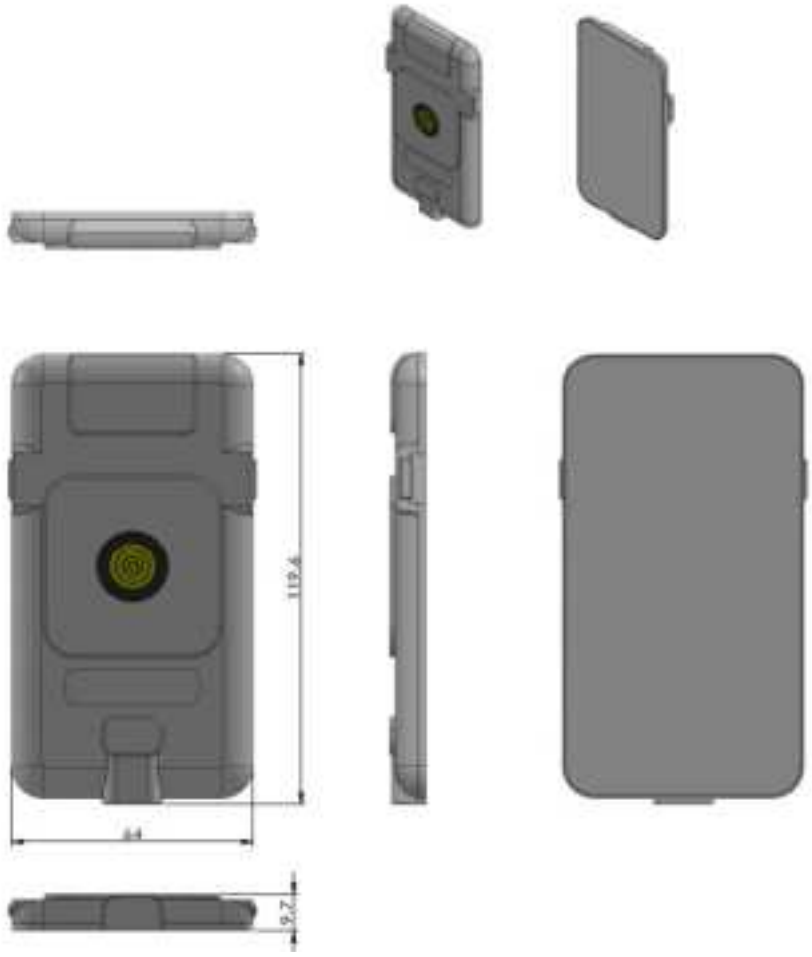
1.1. Introduction

Mobile UHF RFID reader allow you to read RFID tags and transmit the data to any Bluetooth Low Energy(BLE) enabled device. It complies RFID standard (Air Protocol: EPC Gen2 V2 / ISO 18000-6C). It uses Li-ion battery (700mAh) as internal power. Also, it can charge RFID's battery by using Magconn cable.

1.2. Product Views

Case Materials	PC (Poly Carbonate)
Charging	Magconn
Trigger TAGGING button	2 EA

< ASR-030D >



2. Mechanical Specifications

5.1. Dimensions (mm)

5.1.1. Width x Vertical x Height (64 x 119.6 x 9.7mm)

5.2. Lead-free/RoHS

Materials and process compliant with 2002/95/EC RoHS Directive

5.3. Weight

Less than 68g

Certification and Safety Approvals FCC Compliance Statement

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.
This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antennae
-Increase the separation between the equipment and the receiver
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures.

FCC Caution

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user’s authority to operate the equipment.

Industry Canada(IC) Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1)this device may not cause interference, and

(2)this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

IC RF Exposure Statement

Cet équipement est conforme aux limites d'exposition aux radiations de la FCC définies pour un environnement non contrôlé. Les utilisateurs finaux doivent suivre les instructions d'utilisation spécifiques pour satisfaire à la conformité d'exposition RF. L'antenne utilisée pour cet émetteur ne doit pas émettre simultanément avec d'autres antennes ou émetteurs, sauf en conformité avec les procédures FCC relatives aux produits multi-émetteurs.

► **Contains transmitter module IC: MBN52832 (FCC ID: HSW2832 / IC: 4492A-2832)**