Manual: Dongle RFID Reader

Model Name: ASR-L70D
Project Name: AsLock LF RFID Reader
Revision: R00

Supplier Approval

Made by	Checked by	Approved by
jsyi		

Customer Approval

Checked by	Checked by	Approved by

Smart Power Solutions, Inc.

Products	Dongle RFID Reader	Reversion	A101
Document No	Manual -ASR-L70D	Released	2020-06-18
Created By	Jinsung Yi	Revised By	
Page	2/8 page	Revision Date	

Revision History

Rev	ECN	Description	Approved by	Date
R00		Initial draft		2020.10.07

Contents

Smart Power Solutions, Inc.

Products	Dongle RFID Reader	Reversion	A101
Document No	Manual -ASR-L70D	Released	2020-06-18
Created By	Jinsung Yi	Revised By	
Page	4/8 page	Revision Date	

1. Overview

1.1. Introduction

AsLock LF RFID reader complies with RFID standard - ISO 11784/11785, FDX-B.

It can communicate with the host through a USB-C connector.

It is powered by a Li-ion battery (700mAh).

It can be charged with Magconn.

1.2. Product Appearance

Case Materials: PC (PolyCarbonate)

Charging: Magconn

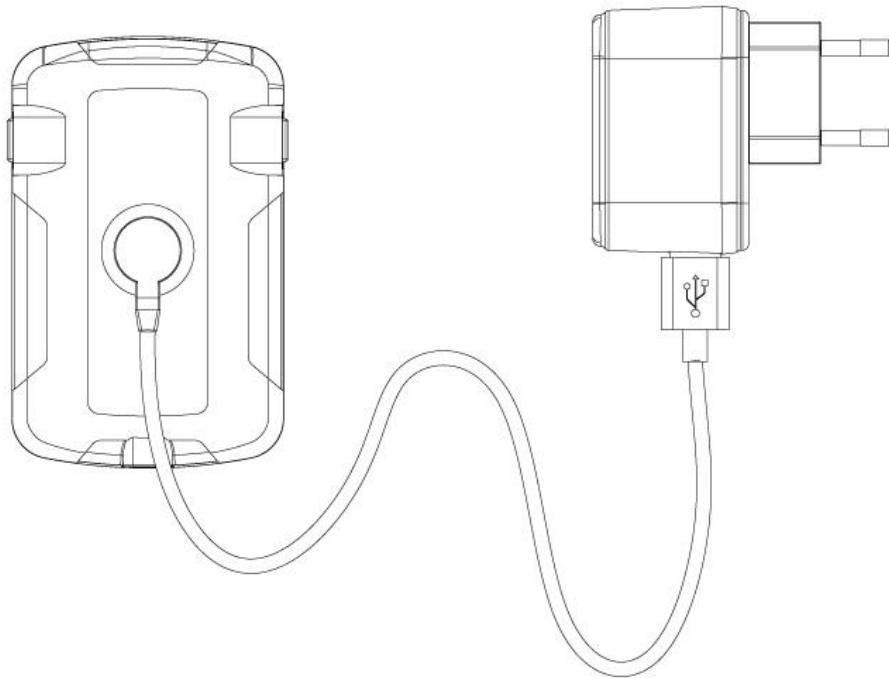Button: 2 buttons

Smart Power Solutions, Inc.

Products	Dongle RFID Reader	Reversion	A101
Document No	Manual -ASR-L70D	Released	2020-06-18
Created By	Jinsung Yi	Revised By	
Page	5/8 page	Revision Date	

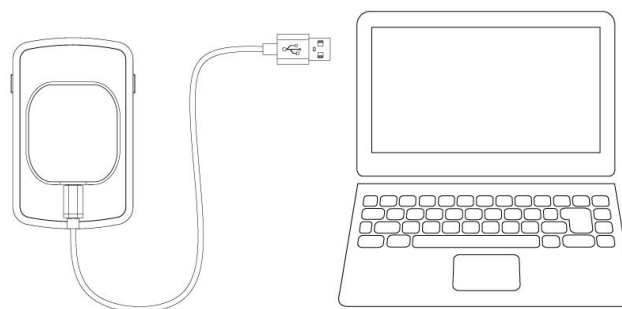## 2. Hardware Specifications

2.1.   Charging

The device can be charged with a Magconn cable.

Charging time: 2 hours

2.2.   Host interface

The device can be connected to the host by AsLock Locker^{TM}.

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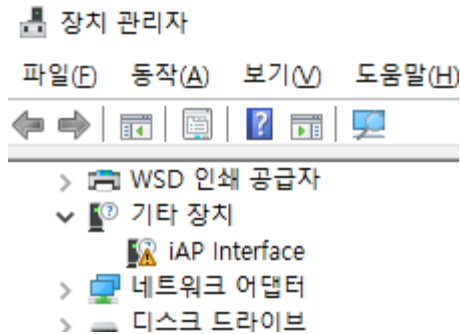| Products	Dongle RFID Reader	Reversion	A101
Document No	Manual -ASR-L70D	Released	2020-06-18
Created By	Jinsung Yi	Revised By	
Page	6/8 page	Revision Date	

3. Operation

3.1.   Device Driver and COM Port
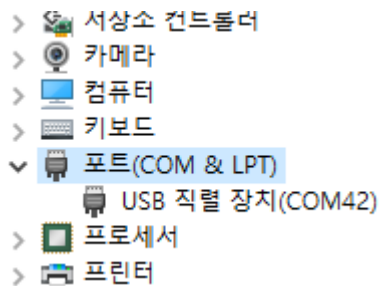
OS Requirement: Windows 10

No device driver is required in Windows 10

1. Connect AsLocker to AsLock RFID Reader.

2. Connect type C cable to AsLocker and connect another side of type c cable to PC.

3. Connecting to PC will turn the AsLock RFID Reader powered on.

4. **Ignore IAP Interface.**

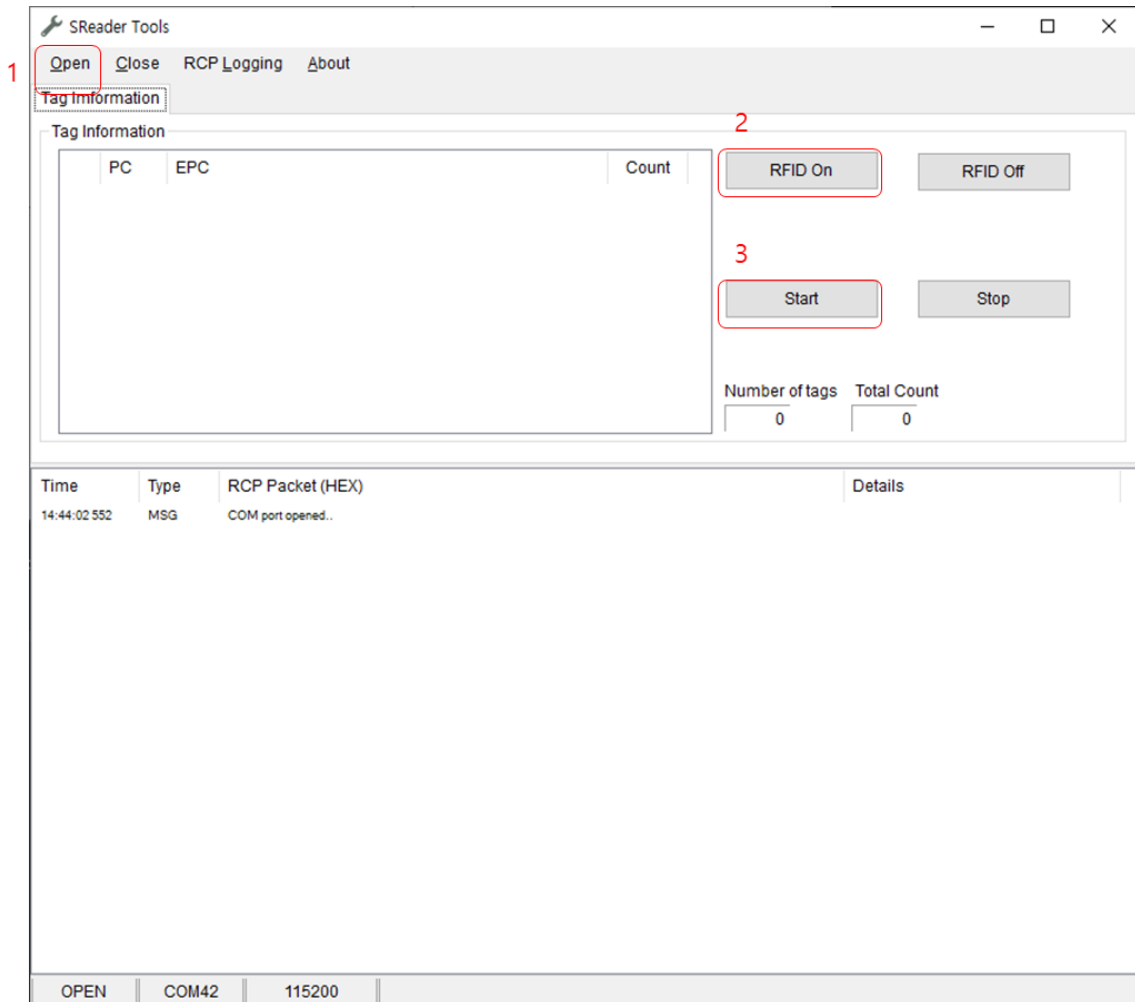5. Make sure that COM[N] is recognized by Windows 10.

Smart Power Solutions, Inc.

Products	Dongle RFID Reader	Reversion	A101
Document No	Manual -ASR-L70D	Released	2020-06-18
Created By	Jinsung Yi	Revised By	
Page	7/8 page	Revision Date	

3.2.   GUI SW

After launching SW, you can see the screen below.

1.   Click "Open" to comport

2.   Click "RFID On" to turn on RFID module

3.   Click "Start" to read a RFID tag.

Smart Power Solutions, Inc.

Products	Dongle RFID Reader	Reversion	A101
Document No	Manual -ASR-L70D	Released	2020-06-18
Created By	Jinsung Yi	Revised By	
Page	8/8 page	Revision Date	

FCC Information to User

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 off and on, the user is encouraged to try to correct the interference by one of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is con-nected.

• Consult the dealer or an experienced radio/TV technician for help.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : 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 ID : 2AJXE-ASR-L70D

Product Description

DEVICE TYPE	AsLock RFID
OPERATING FREQUENCY	134.20 kHz
RATED RF OUTPUT POWER	72.9 dBµV/m
ANTENNA TYPE	Coil Antenna
MODULATION	ASK
RATED SUPPLY VOLTAGE	DC 5.0 V