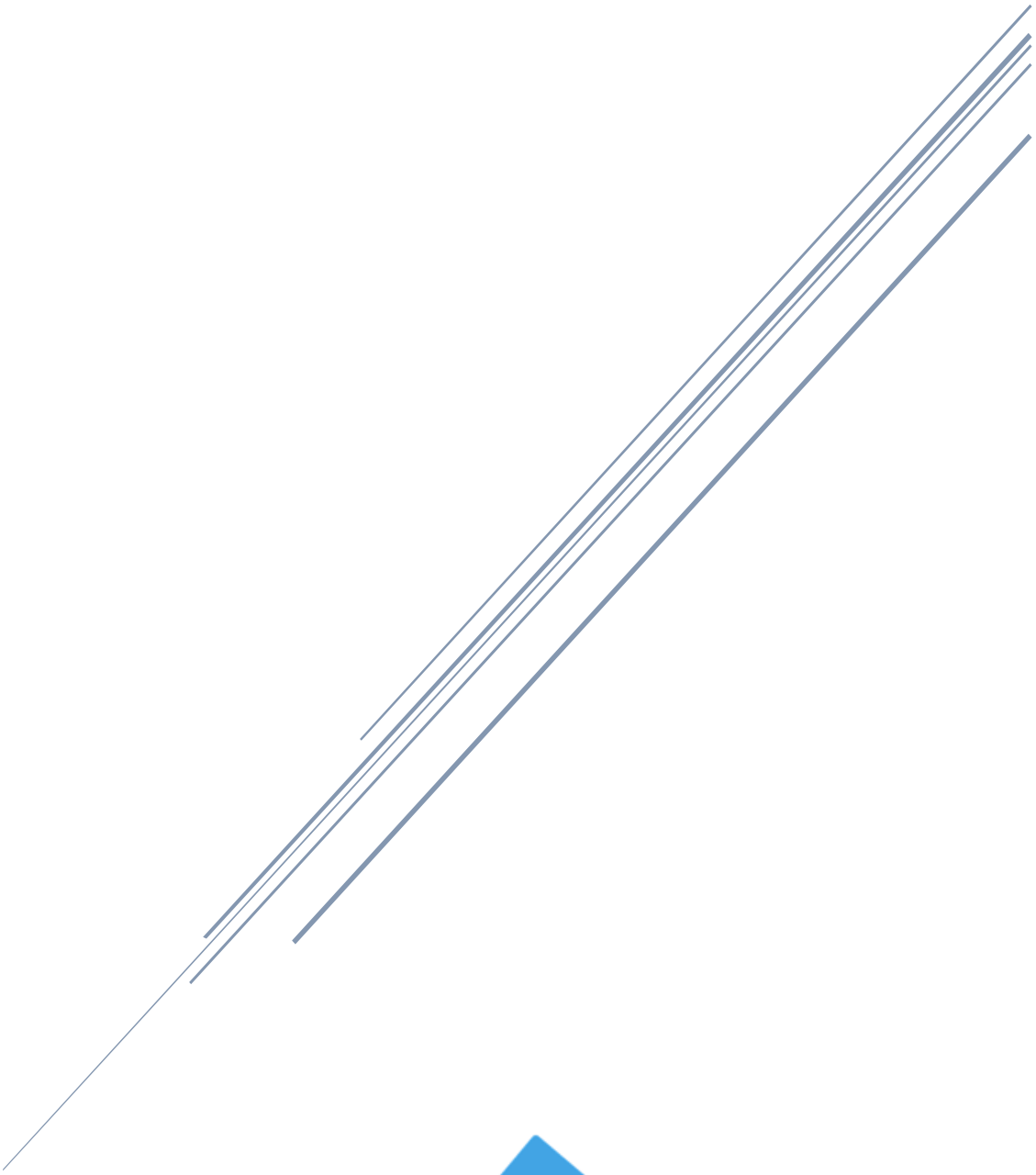
RFID MINI MANUAL



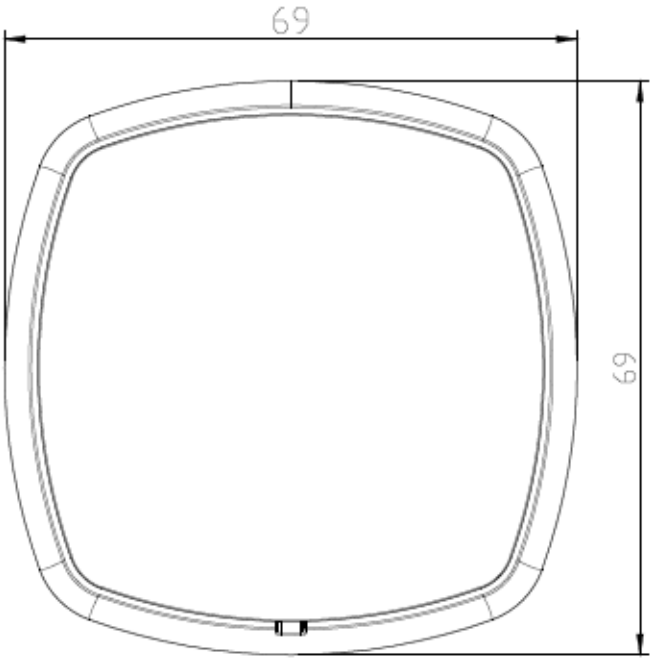
Apulsetech

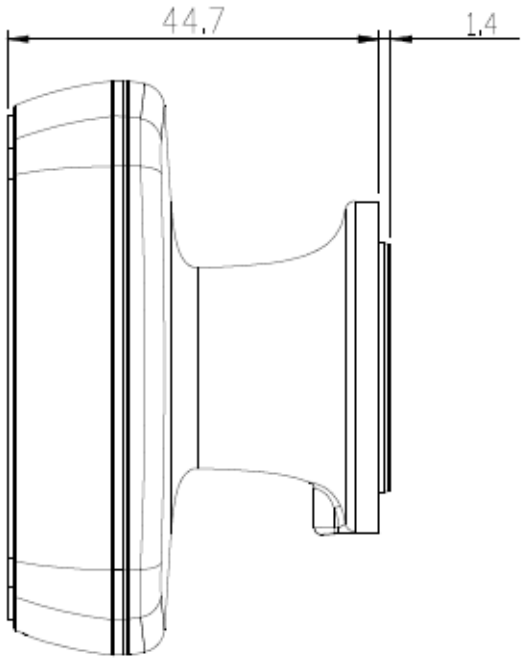
RFID Mini

RFID reader

■ Product Pictures

■ Drawing (unit : mm)





RFID Mini

RFID reader

Apulsetech

■ RFID Specifications

Parameter	Application
Air Interface Protocol	EPC Cass1 GEN 2 / ISO 18000-6C
RFID Engine	Custom module with embedded Impinj R2000
Frequency Range (MHz)	FCC : 902~928MHz CE : 865~868MHz Japan :
Supply Voltage	5V DC 500mA
RF Power range	Max 20dBm (Precision, +/- 1dBm)
Reading Performance	UP to 1m (depending on the tag & Environment)
Writing Performance	UP to 10cm (depending on the tag & Environment)
Operating temperature	0℃ ~ 50℃
Storage temperature	-20℃ ~ 70℃
Storage Humidity	20% ~ 95% (Relative Humidity)
Average Current Consumption	Scan Mode : 500mA @20dBm
Special function	Anti-Collision

■ RFID Mini Application

Connect the USB cable to the USB terminal of the PC.

Run the demo program on your PC to test its operation.

RFID Mini

RFID reader

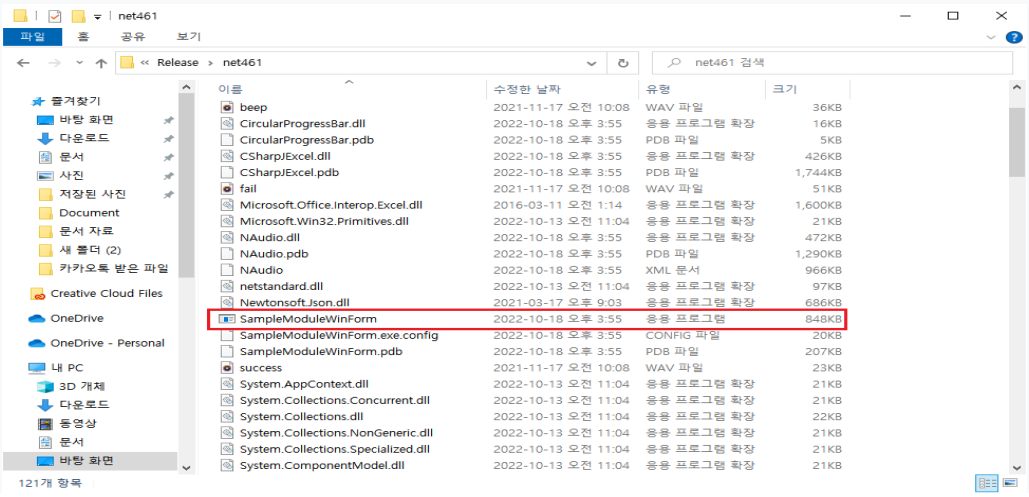
Apulsetech

■ RFID Reader Manual

1. Running the RFID Program

Double-click SampleModuleWinForm.exe in the DemoModuleWinForm folder to run it.

Folder : DemoModuleWinForm -> Release->net461

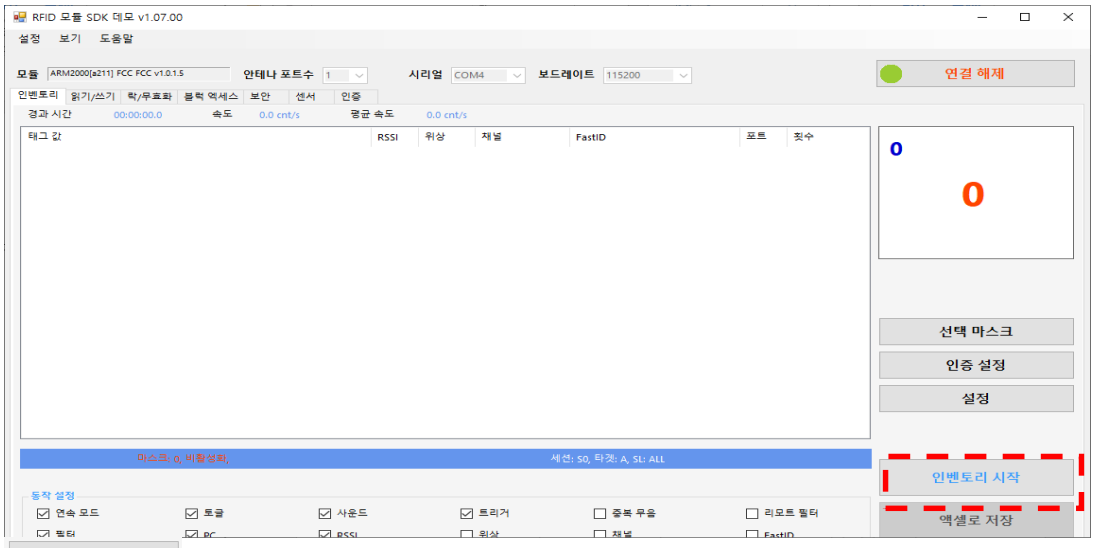


2. Connect by Serial

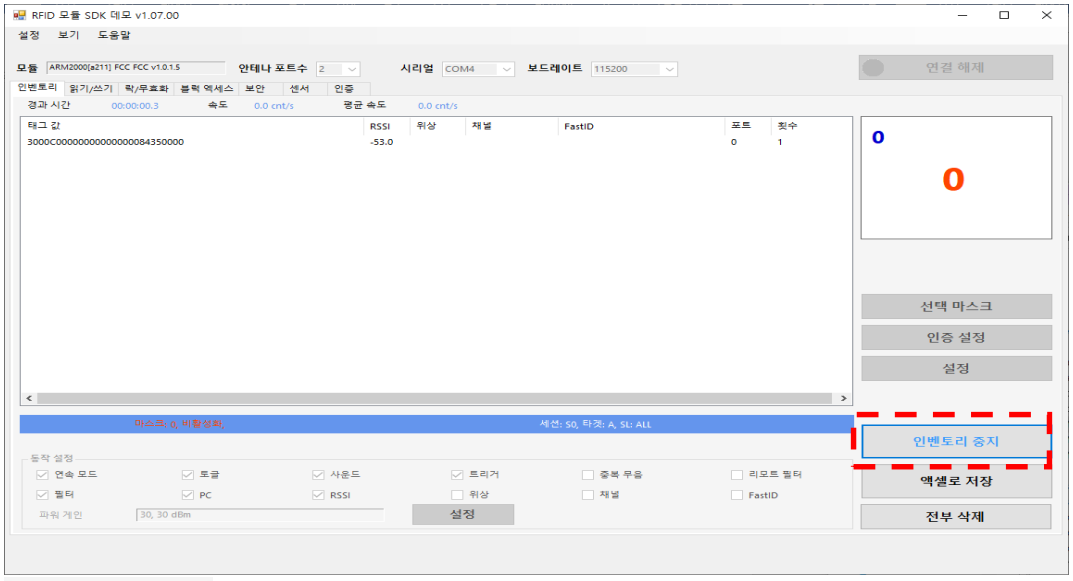
1. Enter the number of antenna ports of the terminal.
2. Set Com. Port and Baud late.
3. 

Click the Icon to run.

3. Inventory



Click Icon to start inventory.



Click Icon to stop inventory.

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.

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

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.
When equipped, the distance between antenna and one's body surface is 200mm.