REYAX RR10

RFID HF Reader Module

User’s Guide

1.Operational Description

The RR10 RFID solution is compliant with NFC forum standard for Reader mode which supports ISO15693 and ISO14443A/B protocols. It's very easy to connect to any host with UART interface as PC, PDA and mobile phone.

2.1 Hardware Install

Please insert the cable to the RR10.

The other side insert to the USB interface.

2.2 Software install

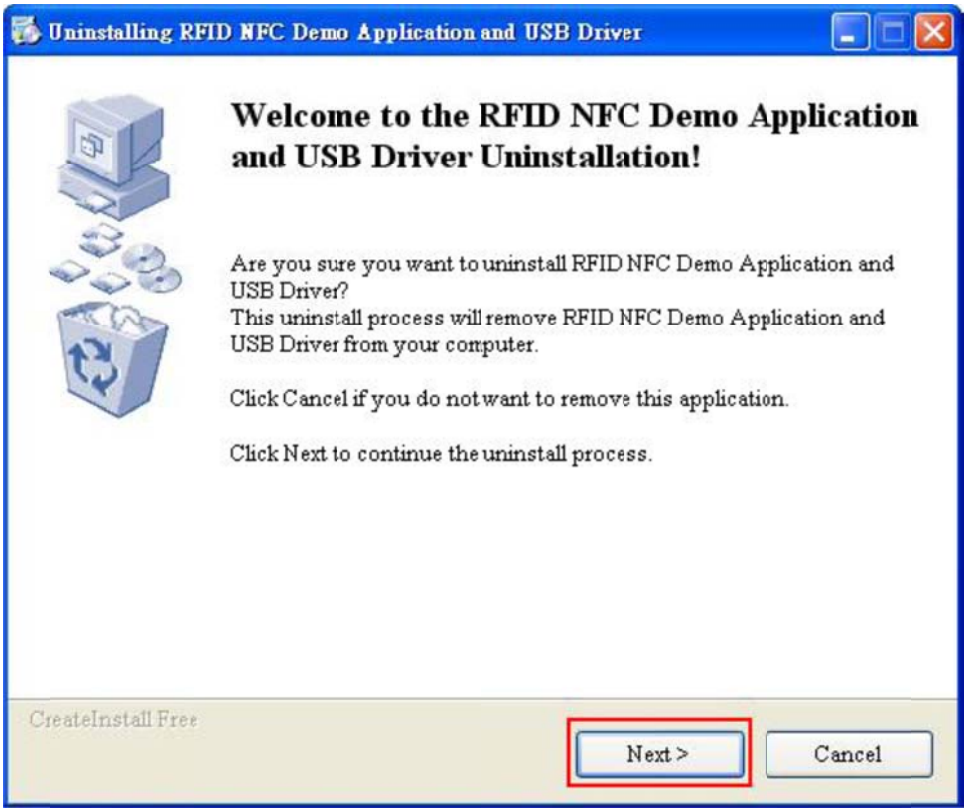
Below sections introduces the steps to setup demo applications and drivers.

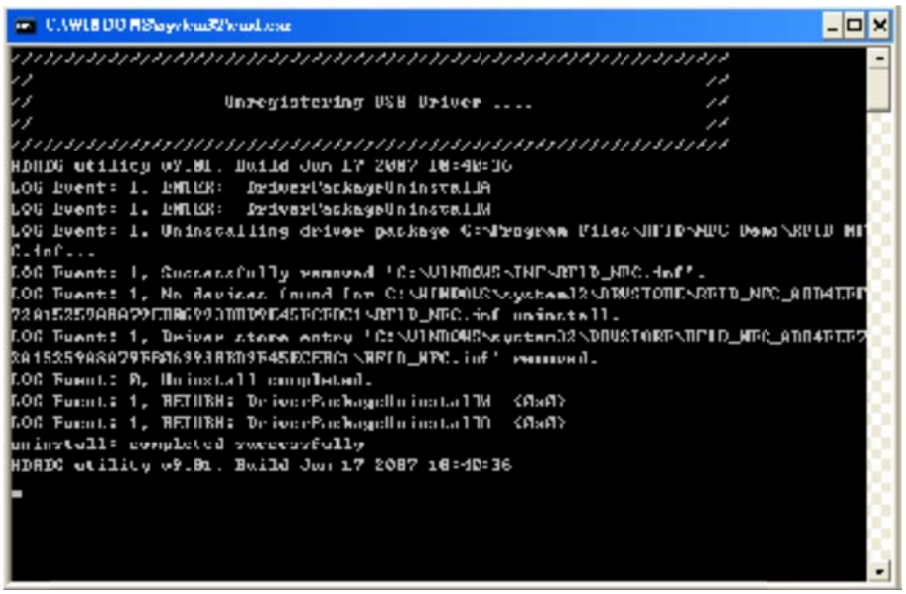
Please follow below steps to install demo application.

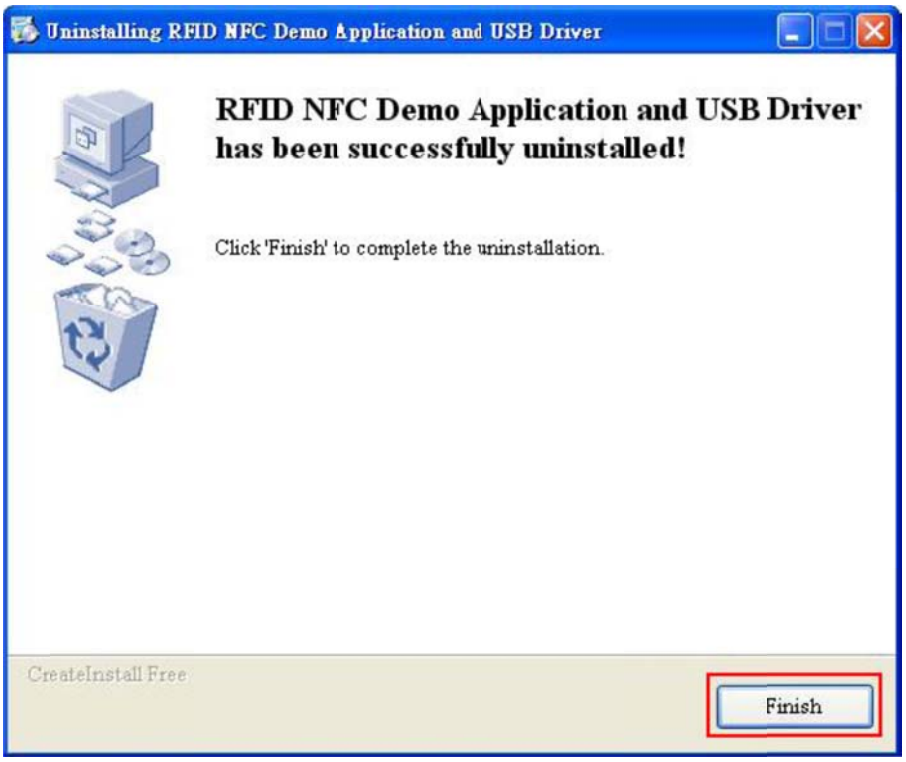
■ Unplug RFID HF device from USB port.

■ Double-Click “RFID_NFC_Install.exe” under “.\Demonstration\Windows\BCB” path. And follow the steps to complete
the installation.

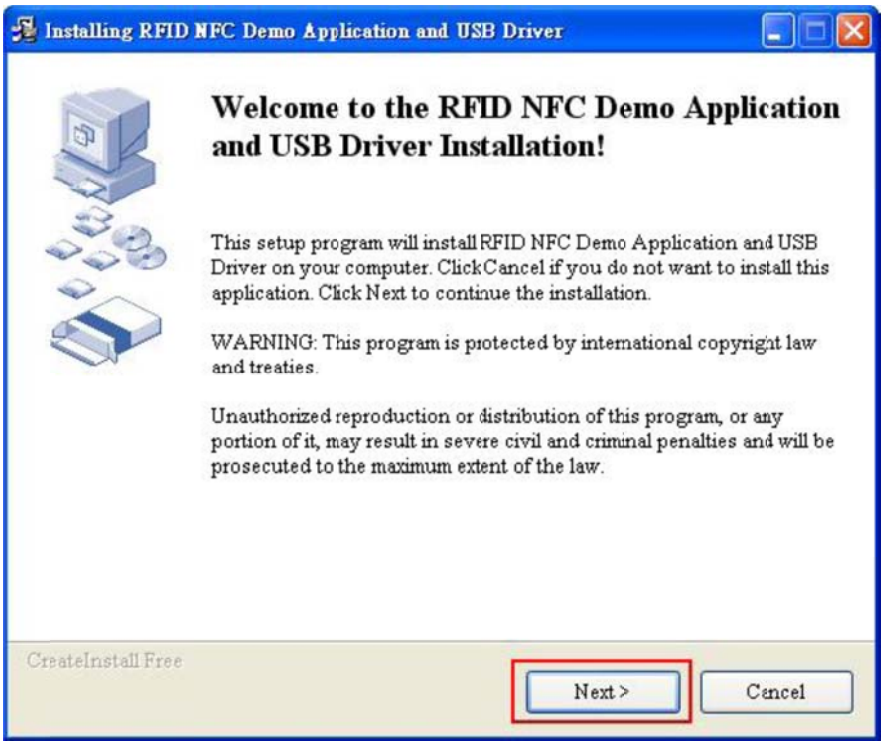
■If you ever installed RFID HF Demo Application, the uninstall process will be launched first.

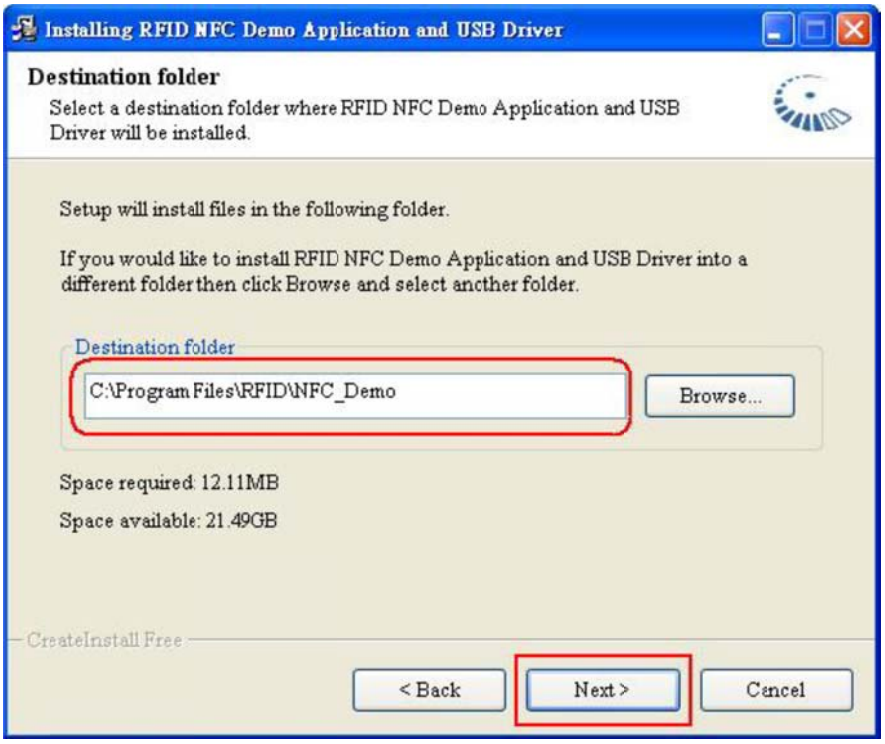


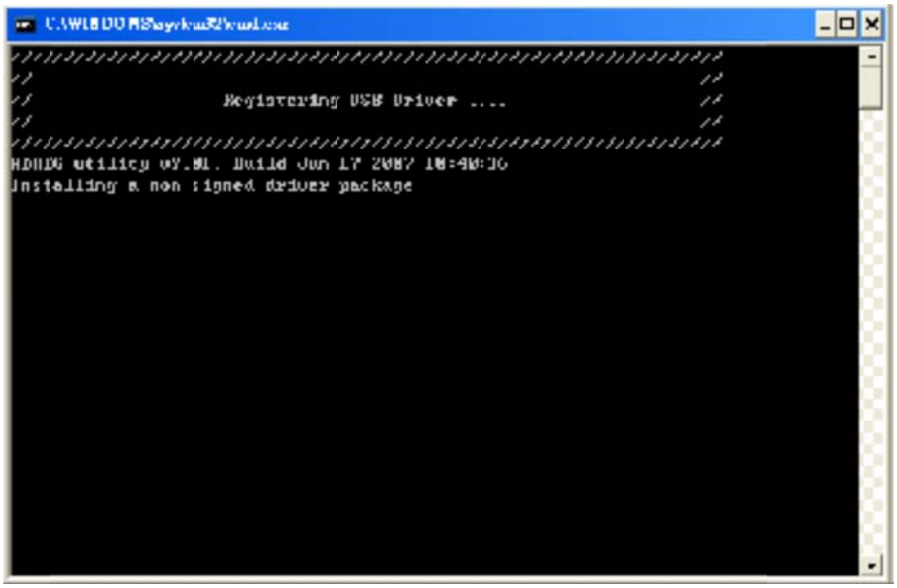


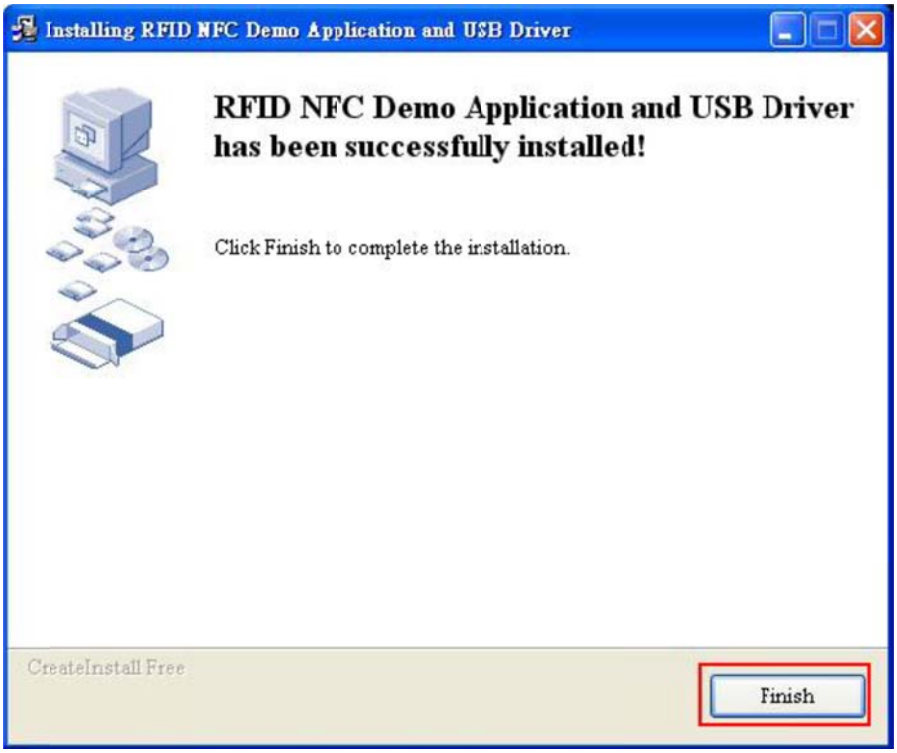


Now, the installation process is launched.

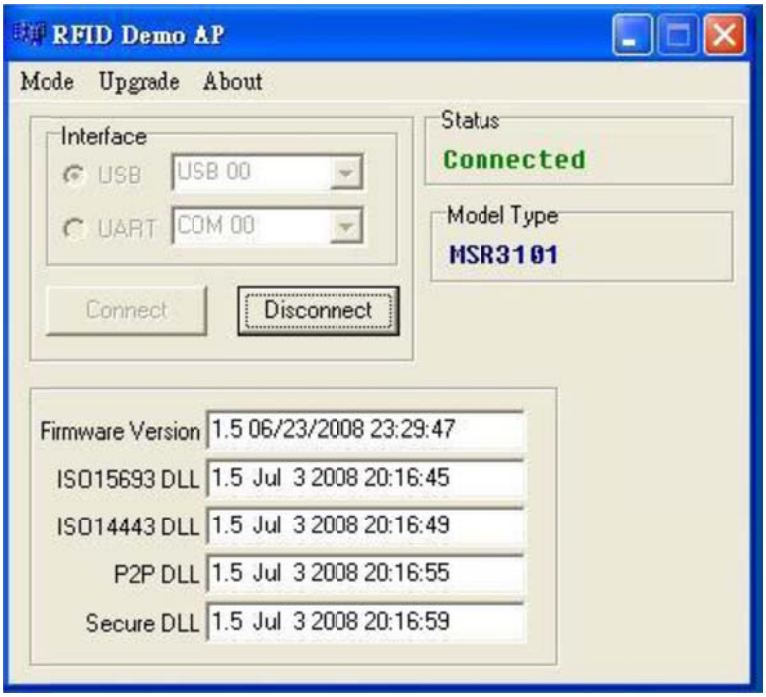

Installing RFID NFC Demo Application and USB Driver
Welcome to the RFID NFC Demo Application and USB Driver Installation!
This setup program will install RFID NFC Demo Application and USB Driver on your computer. Click Cancel if you do not want to install this application. Click Next to continue the installation.
WARNING: This program is protected by international copyright law and treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties and will be prosecuted to the maximum extent of the law.
CreateInstall Free
Next >
Cancel


Installing RFID NFC Demo Application and USB Driver
Destination folder
Select a destination folder where RFID NFC Demo Application and USB Driver will be installed.
Setup will install files in the following folder.
If you would like to install RFID NFC Demo Application and USB Driver into a different folder then click Browse and select another folder.
Destination folder
C:\Program Files\RFID\NFC_Demo
Browse...
Space required: 12.11MB
Space available: 21.49GB
CreateInstall Free
< Back
Next >
Cancel


Registering USB Driver ....
Installing a non signed driver package


Installing RFID NFC Demo Application and USB Driver
RFID NFC Demo Application and USB Driver has been successfully installed!
Click Finish to complete the installation.
CreateInstall Free
Finish

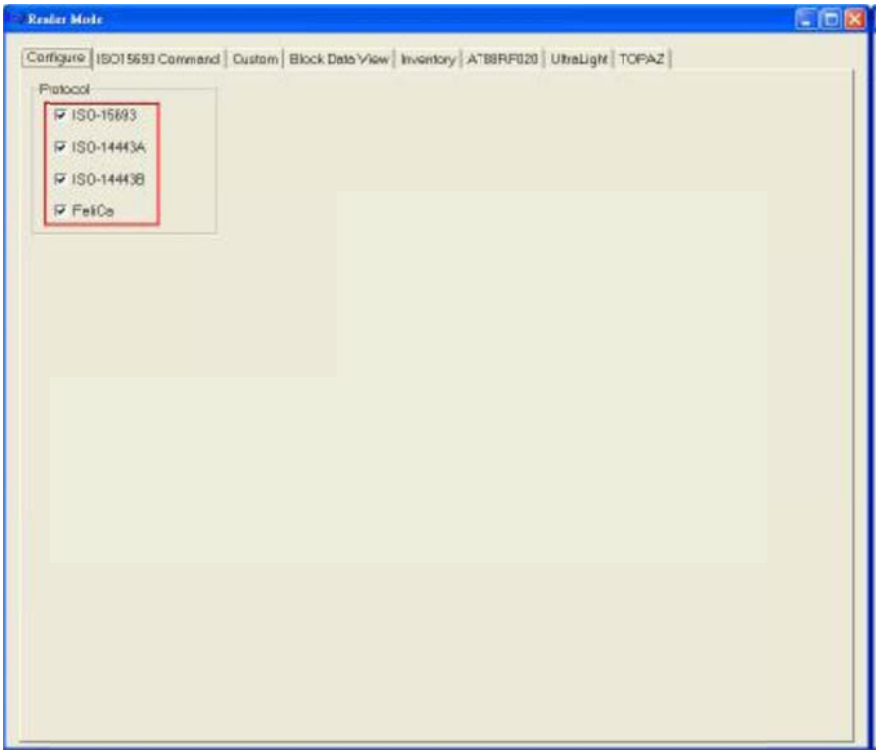
■Launch demo application by double click “RFID NFC Demo” shortcut on desktop. In the main screen, the “Status” area informs you the physical link status between PC and RR10. The default interface is RS-232(UART).



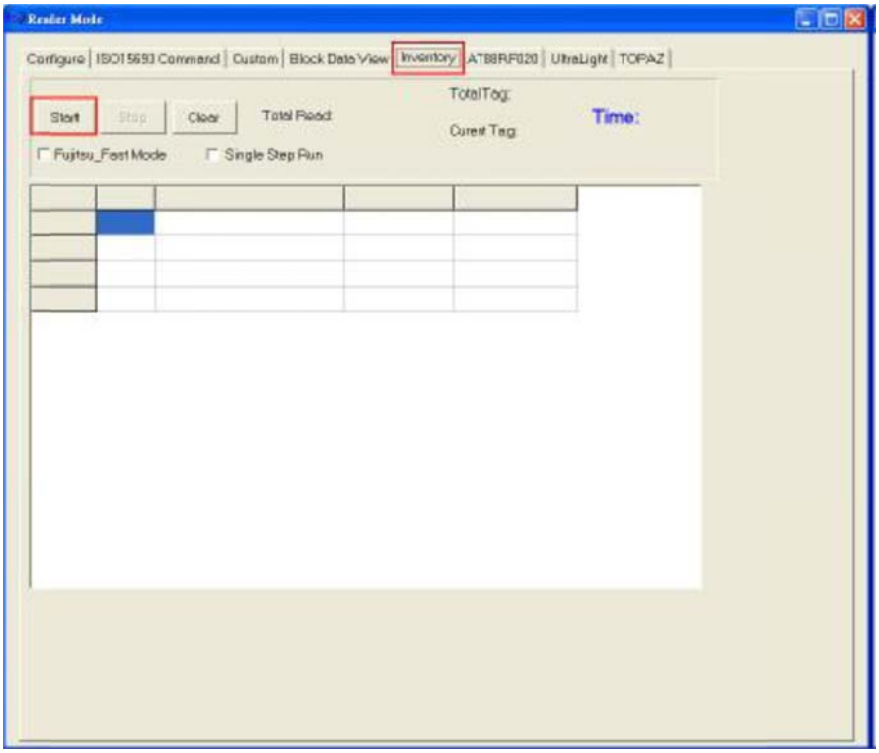
3. Operation

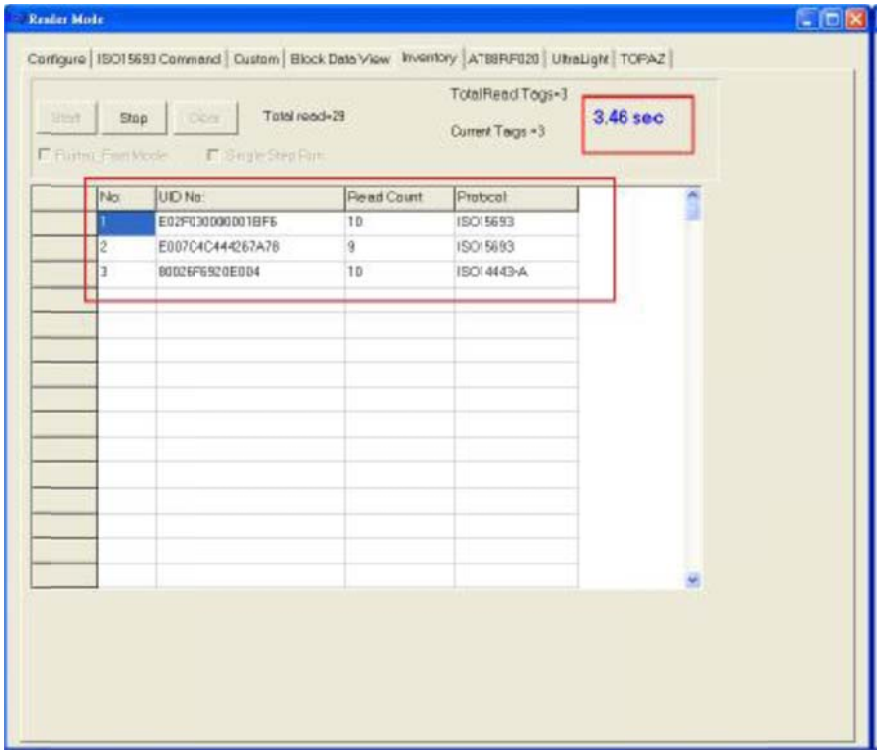
3.1 Read Tags

■ Launch reader mode demo form by clicking “Mode”->”Reader”. Then the reader mode demo form will be shown as
below. The RFID protocol can be selected from “Protocol” area.

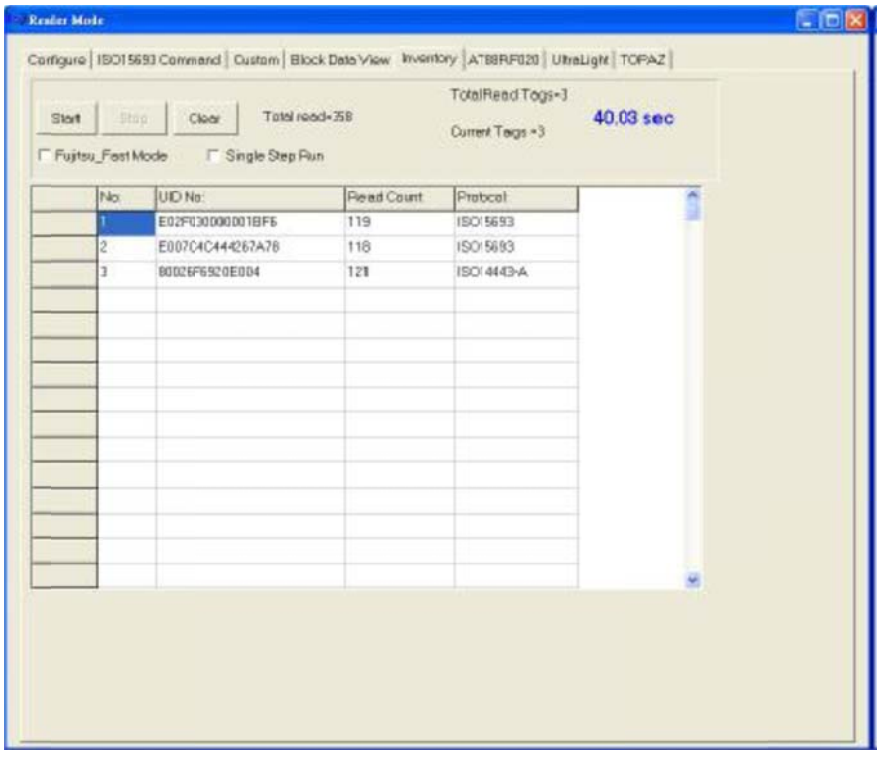


Choose “Inventory” page and put tags near RR10D1 Click “Start” button to finding tags continuously

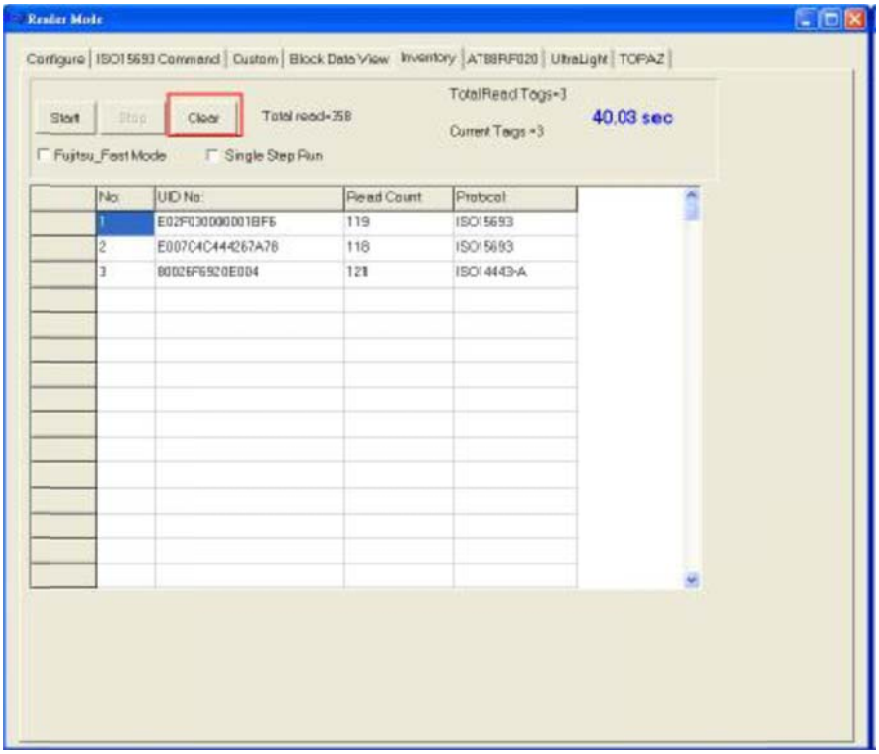


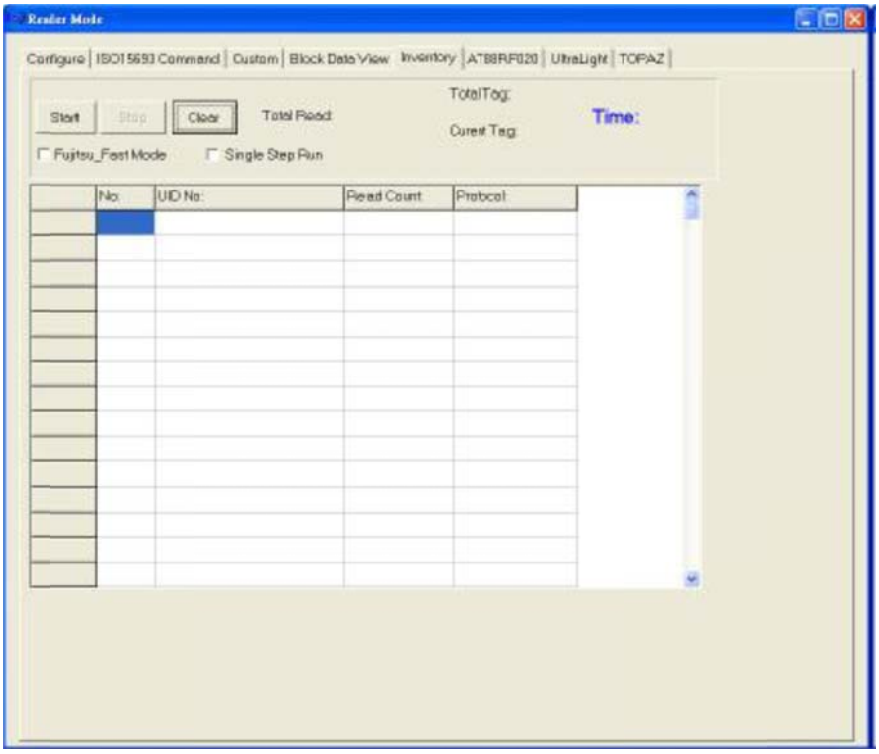


Click “Stop” button to stop.



Click “Clear” button to clear tag information.





Federal Communication Commission Interference Statement

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 or more 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 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.

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.

LABEL OF THE END PRODUCT:

The final end product must be labeled in a visible area with the following " Contains TX FCC ID: QLY-RR10 ". If the size of the end product is larger than 8x10cm, then the following FCC part 15.19 statement has to also be available on the label: This device complies with Part 15 of 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.