RFID READER USER MANUAL

Handy Guide on RFID Scanning

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Table of Contents

PURPOSE AND USAGE OF THIS PROGRAM

Thank you for your interest in using this RFID Scanning software. The purpose of this software is to easily read and display the names of the tags that are in the immediate proximity of the SkyeTech scanning device you have purchased.

**NOTE: You must use a SkyeTech RFID Reader Device
or this program WILL NOT work as intended.**

Basic usage

1. Connecting to a SkyeTech RFID Reader Device via your USB port.

    a. Scanning all available tags within the scanning radius of your Reader

    b. The recommended scanning range of the Reader is 7cm for singular tags.

2. The observable maximum scanning range of the Reader is 14cm.

3. Disconnecting the Reader from your computer.

RECOMMENDED PC REQUIREMENTS

- **OS:** Windows 7

- **Processor:** Intel Core i5-2XXX @ 2.0GHz

- **Memory:** 1 GB RAM

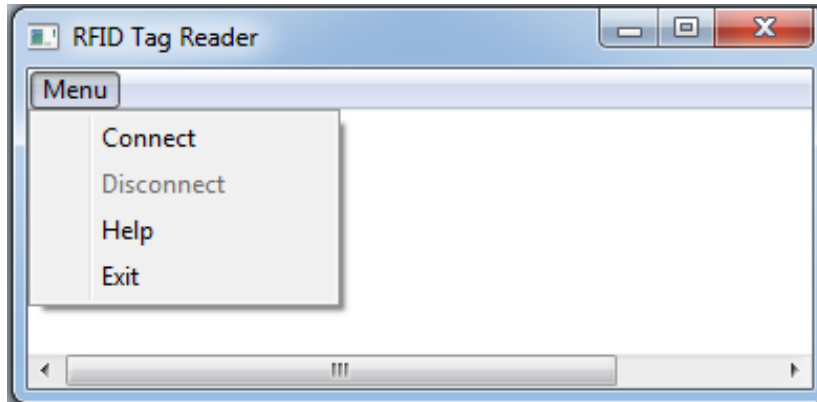- **Hard Drive:** 1MB available space

INSTALLING YOUR SKYETECH RFID READER

No installation is necessary to use your RFID scanning device. Simply plug in the device into your computer's USB port and start the program.

INITIALIZING THE RFID TAG READER PROGRAM

1. This program does not require installation however it requires administrator permissions in order to run. For Windows 7 and above, right-click on the .exe file included in the containing folder and select "Run As Administrator."

2. When the .exe file runs successfully, you are introduced to the simple program window.

3. Connect your SkyeTech RFID Reader Device to your computer.

4. Open the menu by clicking on the menu as shown:

5. Select the "Connect" option in order to begin scanning. There will be a message alerting you that your computer is attempting to connect to your SkyeTech RFID Reader Device.

6. The window will notify you if there is a successful connection or a failed connection. For failed connections, see Troubleshooting for more information.

7. Once your device is successfully connected, you may now begin scanning for RFID tags.

SCANNING YOUR RFID TAGS

Once you are successfully connected to your SkyeTech RFID Reader Device, using the Reader is easy. Just place the tags you wish to read near the scanning field (within 14 cm of the device) and record your results.

When you are finished scanning, it is recommended that you disconnect the device by selecting the "Disconnect" option from the menu. *You can disconnect and reconnect as many times as you wish.*

Recommended scanning radius from Reader
Single tags: 3cm – 14cm
Two tags: 3cm – 14cm
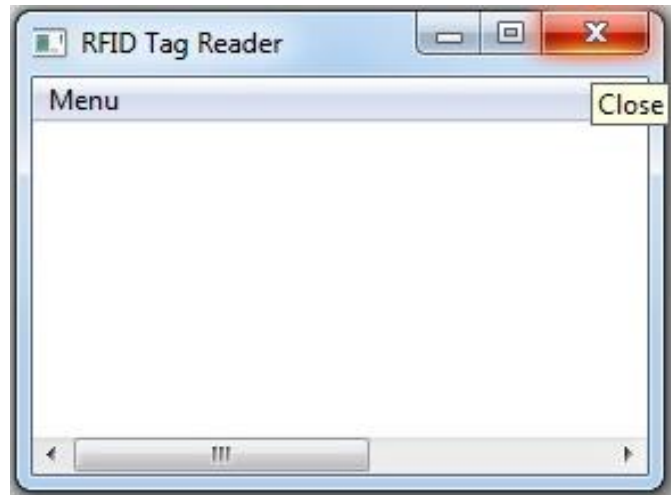*Three tags: 3cm – 10cm*

More than three tags is not recommended and will provide poor data.

EXITING THE PROGRAM

There are two ways of exiting this program:

1. Clicking the X button at the top-right of the window.

2. Opening the Menu and selecting the Exit option.

TROUBLESHOOTING

Connection Failure

If you attempt to connect and received a failure to connect message, check the connection of the USB from your SkyeTech Reader Device to your computer. You may have to disconnect the USB cable from the computer and then reinsert the USB cable into the computer again.

Note: Ensure that the wire that connects your computer and the SkyeTech RFID Reader Device has not been tampered with.

Unable to Read Tag Data

If you are unable to read your tag data, ensure that your device is properly device (refer to the "INITIALIZING THE RFID TAG READER PROGRAM" section of this manual). After you are connected, make sure your tag is within 3cm – 14cm of the device. It is recommended that you don't read any more than three tags because the tags can infer with each other and you will receive inconsistent data.

If your tag is farther than 14cm, you will have difficultly reading your tag.
Do not read more than three tags or else they will cause conflicts with each other!

Thank you again for using the RFID Reader program!