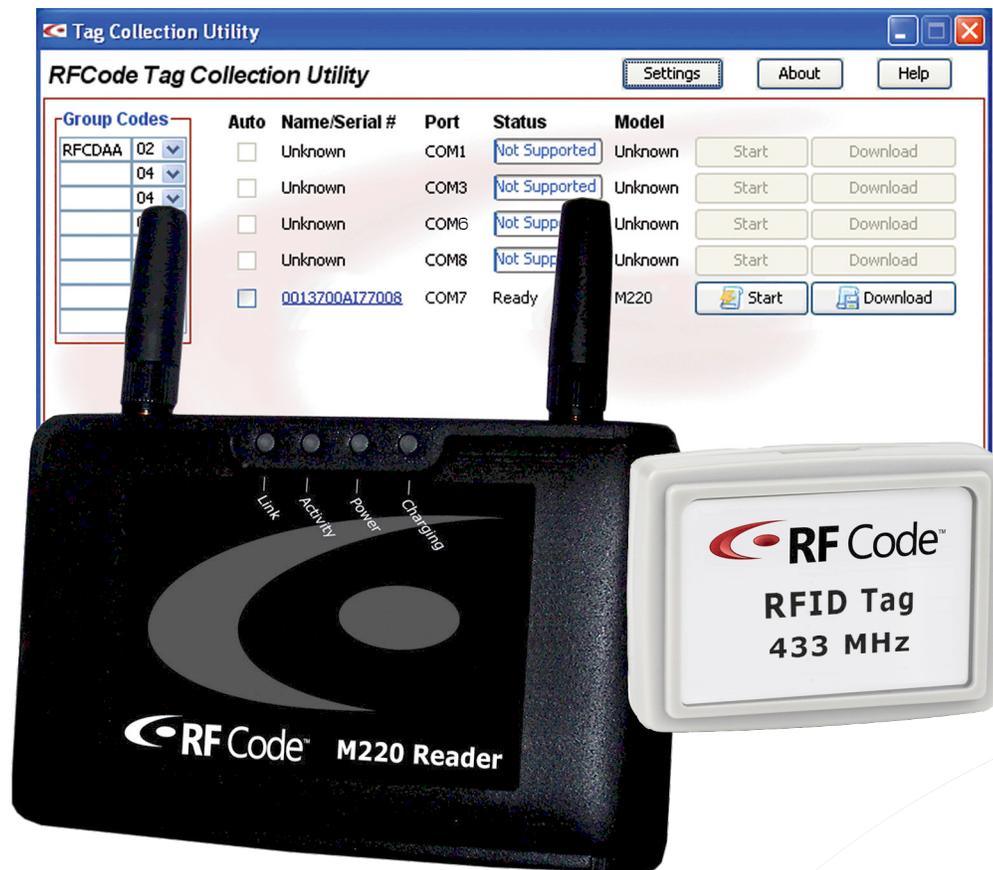


Tag Collection Utility



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Introduction

The Tag Collection Utility 1.0 is a Windows-based software tool that works in conjunction with the M220 Mobile Reader to inventory tagged assets. In standalone Tag Collection Mode, the M220 Mobile Reader can record and save more than 4000 unique M100-series tag IDs. The Tag Collection Utility can then be used to download this inventory data to a PC. The M220 Mobile Reader and Tag Collection Utility can be used to aid in the discovery and management of assets in areas beyond the perimeter of a fixed reader infrastructure. It can also serve as a complimentary search device within a dedicated, multi-zonal system featuring RF Code fixed readers.

Features

- Inventory tagged assets without a dedicated connection to a client application
- Export asset inventory to CSV file
- Post asset inventory to URL
- Supports USB or Bluetooth connection to the M220 Mobile Reader
- Supports Windows XP and Windows Vista

Installation

Install the application from the RF Code Reader Utilities and SDK CD. If the CD autorun program does not launch the main menu, you can use Windows explorer to browse to your CD drive and double-click the setup.exe file in the Tag Collection Utility folder. Follow the instructions in the installation program.

Launching Application

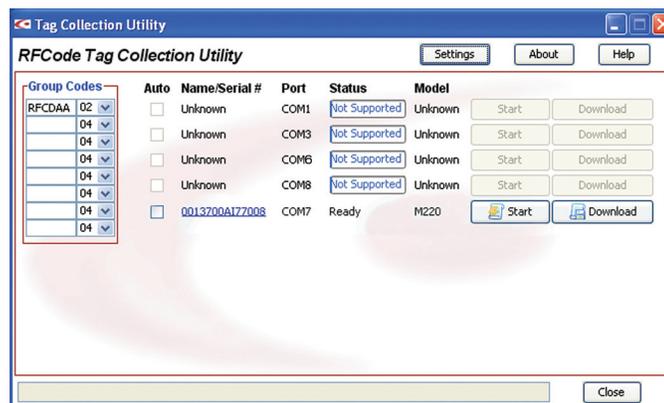
After installing the application from the CD, select **Start > Programs > RF Code > Tag Collection Utility** to launch the application.

Main Screen

Connect your M220 Mobile Reader to your PC via a USB A to mini-B cable, or via a Bluetooth connection. Refer to the **M220 Mobile Reader documentation** for details.

After launching the application, the main screen appears as shown in [Figure 1.1](#).

Figure 1.1 Main Screen



Main menu

The main menu is divided into three main regions (left, middle, right). The left is for inputting tag Group Codes and Treatment Codes. The middle is for reader connection and download status, and the right contains buttons for performing inventory collection tasks.

Group Codes

These dropdown boxes are used to input the Group Codes for the tags that you want to inventory. Group Codes are six-letter identifiers assigned to groups of tags and are printed on the front of each M100-series tag. The next number is the Treatment Code – either 02 or 04. The Treatment Codes assigned to your specific tag Group Code can be found at:

<http://www.rfcode.com/index.php/Support/157>

Auto Checkbox

Select this checkbox to automatically download the asset inventory when the M220 Mobile Reader is detected by the Tag Collection Utility.

Name and Serial Number

This field is used to identify the M220 Mobile Reader that is connected to your PC.

Port

This field lists the COM port that is assigned to your M220 Mobile Reader.

Status

This field indicates the connection and download status of your M220 Mobile Reader.

Model

This field identifies the type of reader that is connected to your PC. Currently, **only the M220 Mobile Reader is supported.**

Start Button

This button will start an inventory collection of your M100-series tagged assets. After this button is clicked, the M220 Mobile Reader is put into Tag Collection Mode and can be disconnected from the PC to remotely collect inventory throughout a facility.

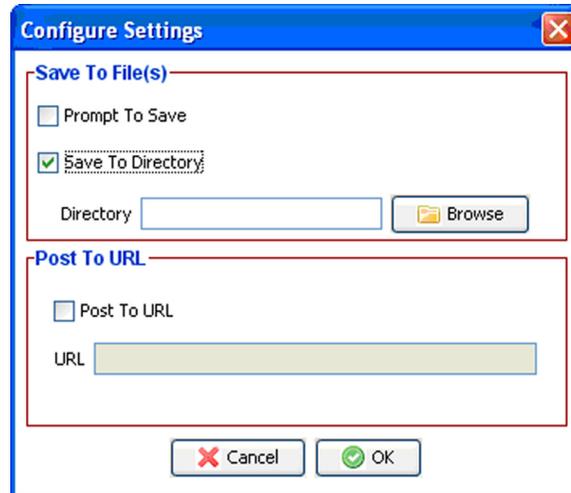
Download Button

After a remote inventory collection, the M220 Mobile Reader can be reconnected to the PC for inventory download. Click on the Download button to export the inventory collection to a CSV file or URL (as configured in the Settings Panel).

Settings

This button configures where asset inventory data will be saved when the M220 Reader is reconnected to your PC. It can be saved in a CSV file for use in a spreadsheet or database export, or it can be posted to a URL for use by another software application. Selecting the Prompt To Save checkbox will cause a pop-up window to appear when the Download button is clicked and you will be prompted on where to save the inventory data.

Figure 1.2 Configure Settings



The screenshot shows a dialog box titled "Configure Settings" with a blue title bar and a close button (X) in the top right corner. The dialog is divided into two main sections by red borders:

- Save To File(s):** This section contains two checkboxes: "Prompt To Save" (unchecked) and "Save To Directory" (checked). Below these is a text input field labeled "Directory" and a "Browse" button with a folder icon.
- Post To URL:** This section contains one checkbox: "Post To URL" (unchecked). Below it is a text input field labeled "URL".

At the bottom of the dialog, there are two buttons: "Cancel" with a red X icon and "OK" with a green checkmark icon.

The Post to URL capability function allows the Tag Collection Utility to connect to a web server and transmit the collected tag data via a standard HTTP Post. The data is sent in a variable called 'tags'. Custom software must be written on the web server (PHP, CGI script, etc.) to receive the Post and retrieve the tag from the 'tags' variable.

About

This button provides application version information.

Help

This button provides help with product usage.

Limited Standard Warranty Terms

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First, contact the RF Code representative or other distributor from whom the RF Code product was purchased for information on how to obtain local support.

Second, contact the RF Code Customer Support via e-mail.

Third, contact the RF Code Customer Support via the Support Line.

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RF Code Customer Support

RF Code Customer Support gives entitled customers and partners the ability to contact RF Code about installation and usage-related questions as well as make defect inquiries about eligible products that are covered under RF Code warranty agreements. A team of technical specialists can be contacted electronically or via phone.

The Support Line is available to provide General Support during normal business hours: Monday through Friday, 8:00am to 5:00pm Central time, excluding national holidays.

E-mail: support@rfcode.com

Support form: <http://www.rfcode.com>

Voice: 512.439.2244 or toll-free at 866.830.4578