

UHF RFID Gun *powered by Zebra*

Quick Start and Regulatory Guide

QSG 230135 A00

COPPERNIC
MOBILITY | CONNECTED DATA | ANALYTICS



| Non-Contractual Picture |

21 Rue Georges Claude - ZI Les Milles
13290 Aix-en-Provence FRANCE
T. +33 (0)4 42 65 25 55 F. +33 (0)4 42 65 57 82

coppernic.fr

SIZAS CAPITAL 30 100 000 EURO - RCS | 431 639 069 072
SIRET : 328 138 573 00011 - N°SIRET 12 - TVA : FR 43 508 304 871

RFD40

RFID Standard Sled



ZEBRA

Quick Start Guide

Copyright

ZEBRA and the stylized Zebra head are trademarks of Zebra Technologies Corporation, registered in many jurisdictions worldwide. Google, Android, Google Play and other marks are trademarks of Google LLC. All other trademarks are the property of their respective owners.

© 2022 Zebra Technologies Corporation and/or its affiliates. All rights reserved.

Information in this document is subject to change without notice. The software described in this document is furnished under a license agreement or nondisclosure agreement. The software may be used or copied only in accordance with the terms of those agreements.

For further information regarding legal and proprietary statements, please go to:

SOFTWARE: zebra.com/linkoslegal

COPYRIGHTS: zebra.com/copyright

WARRANTY: zebra.com/warranty

END USER LICENSE AGREEMENT: zebra.com/eula

Terms of Use

- Proprietary Statement
- This manual contains proprietary information of Zebra Technologies Corporation and its subsidiaries (“Zebra Technologies”). It is intended solely for the information and use of parties operating and maintaining the equipment described herein. Such proprietary information may not be used, reproduced, or disclosed to any other parties for any other purpose without the express, written permission of Zebra Technologies.
- Product Improvements
- Continuous improvement of products is a policy of Zebra Technologies. All specifications and designs are subject to change without notice.
- Liability Disclaimer
- Zebra Technologies takes steps to ensure that its published Engineering specifications and manuals are correct; however, errors do occur. Zebra Technologies reserves the right to correct any such errors and disclaims liability resulting therefrom.
- Limitation of Liability
- In no event shall Zebra Technologies or anyone else involved in the creation, production, or delivery of the accompanying product (including hardware and software) be liable for any damages whatsoever (including, without limitation, consequential damages including loss of business profits, business interruption, or loss of business information) arising out of the use of, the results of use of, or inability to use such product, even if Zebra Technologies has been advised of the possibility of such damages. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Service Information

If you have a problem using the equipment, contact your facility’s Technical or Systems Support. If there is a problem with the equipment, they will contact the Zebra Global Customer Support Center at: zebra.com/support.

For the latest version of this guide, localized translations, and related product guides, visit the Zebra website at: zebra.com/support.

Getting Started

The RFD40 UHF RFID Standard sled provides RAIN Radio Frequency Identification (RFID) tag reading, writing, and locating capability to supported Zebra mobile computers and other host devices.

To use the RFD40 sled for the first time with a mobile computer:

1. Insert the battery into the device.
2. Charge the RFD40 sled using the charging cradle, charging cup, or USB-C cable.
3. Replace the standard cover with the adaptor that is specific to the mobile computer to be used with the sled.
4. Place the mobile computer into the adaptor headfirst.
5. Secure the mobile computer into the adaptor by pressing down on the bottom of the mobile computer.
6. Set the region using 123RFID Desktop or 123RFID Mobile.

For the latest versions of guides and software, go to: zebra.com/support.

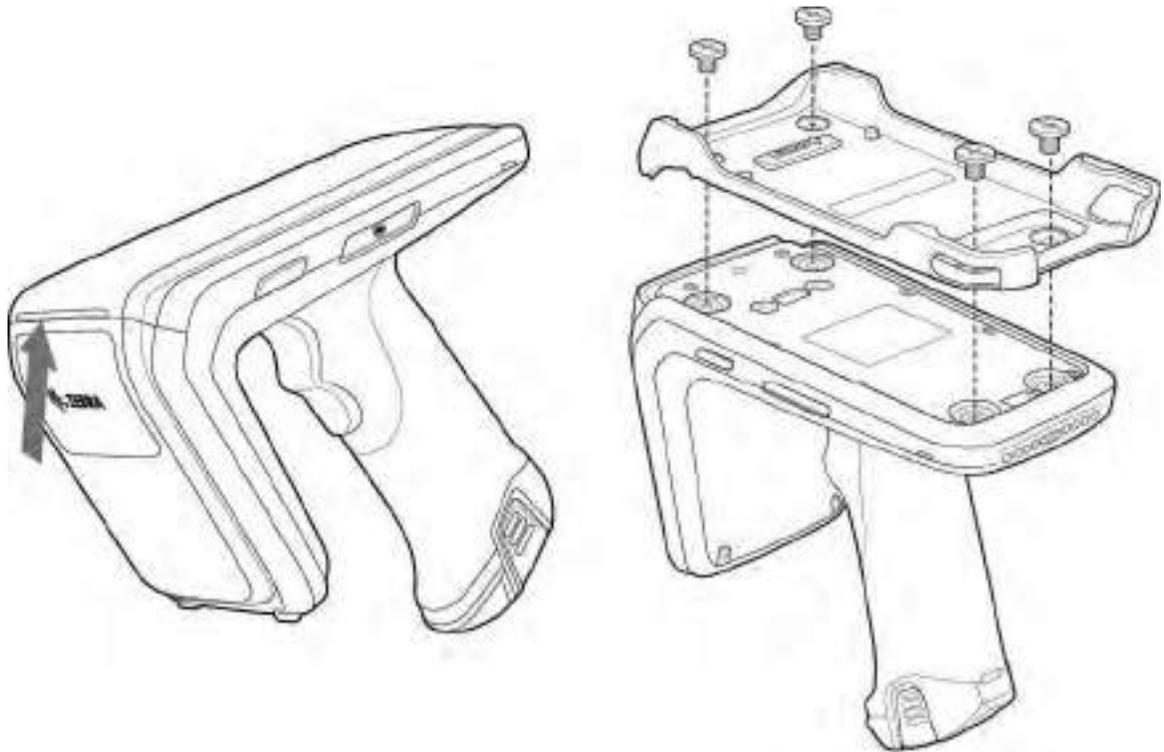
For detailed information, refer to the Product Reference Guide at: zebra.com/support.

Adaptor Installation

To install the adaptor,

1. Remove the cover by pulling up on the lip.
2. Secure the adaptor onto the RFD40 by fastening the four coin screws into the sled.

Figure 1 Adaptor Installation



RFD40 RFID Standard Sled Features

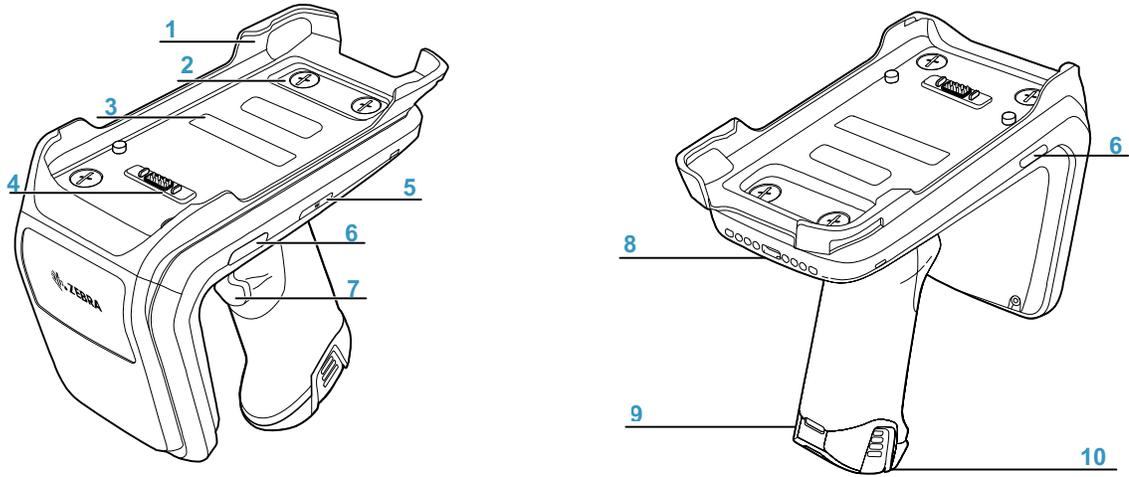


Table 1 Features

Number	Item
1	Adaptor (Sold Separately)
2	Coin Screws (4)
3	Adaptor Label
4	eConnex™ Communication Port
5	Battery Status LED
6	Decode LED
7	Tri-Function Trigger
8	Charging Contact and USB-C Port
9	Tethering Point for Handstrap
10	Rubber Foot

Device Installation

Installing the Mobile Computer into the RFD40 Sled

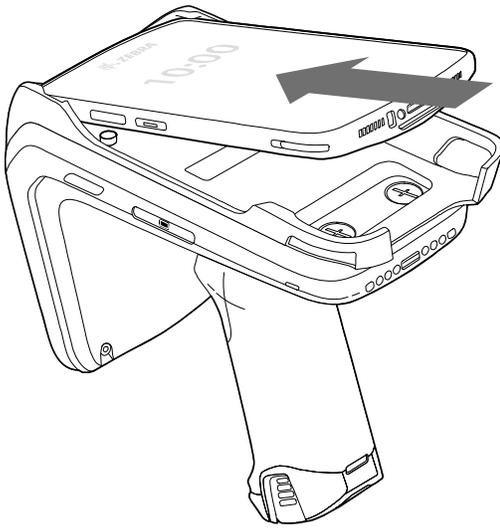
To secure the mobile computer to the RFD40 sled, place the top of the device fully forward into the RFD40 sled adaptor and push down on the bottom of the mobile computer to secure it.



NOTE Depending on the mobile computer being used with the sled, the mobile computer may be inserted into the adaptor tail-end first.

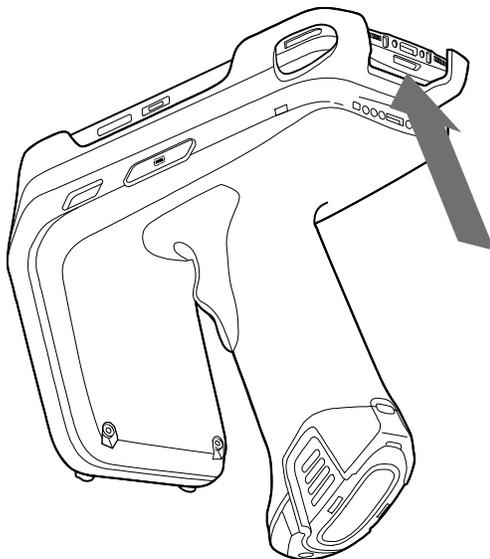


NOTE While installing the mobile computer into the adaptor, use caution and do not collide the pogo pins on the RFD40.



Removing the Mobile Computer from the RFD40 Sled

To remove the mobile computer from the RFD40 sled, firmly hold the sled handle, and lift the device off of the sled adaptor.



Battery LED Definitions

The RFD40 RFID sled uses a three-color LED to indicate status. The table below displays the battery LED state while the device is charging.

Table 2 RFD40 LED Definitions While Charging

Condition	LED Status
Charging	Amber (Blinking)
Charge Complete	Solid Green
Charging Error	Amber (Fast Blinking)
Charging (Battery end of life)	Red (Blinking)
Charge Complete (Battery end of life)	Solid Red
Charging Error (Battery end of life)	Red (Fast Blinking)

Decode LED Definitions

The table below displays the decode LED indications.

Table 3

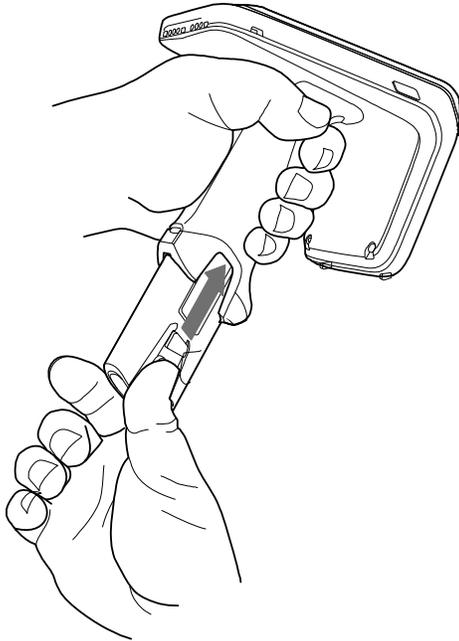
Scan	LED Status
Good Scan	Green
Scan Error	Red
RFID Tag Read Indicator Enabled	Green
Read Error	Red

RFID Sled Battery Replacement

Battery Installation

To install the battery:

1. Align the battery with the notch facing the back of the device.
2. Slide the battery into the handle of the device.
3. Snap the battery into place.



Battery Removal

To remove the battery, pinch the clips to unlock the battery and slide downwards to release.

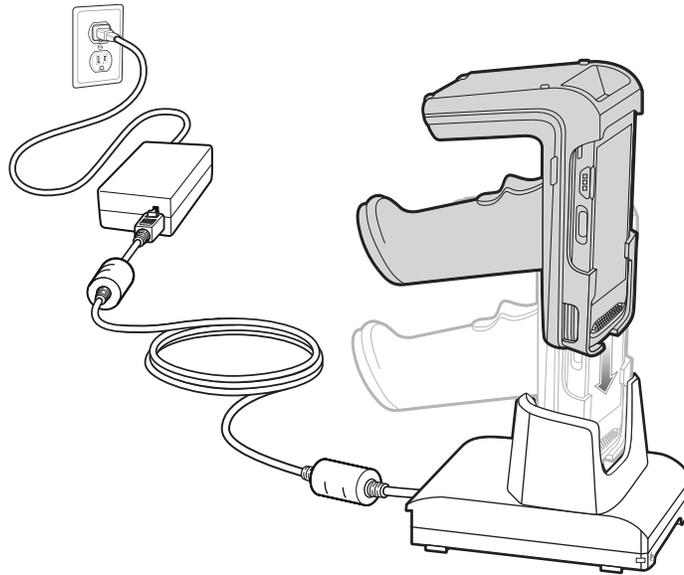


Charging

Before using the RFD40 for the first time, fully charge the battery by placing it in the charging cradle until the LED Power/Charging Indicator turns solid green. The RFD40 RFID sled and mobile computer may be charged in the charging cradle individually or attached together.

When an RFD40 RFID sled is removed from a charging cradle, it is automatically powered on. If a reader is not used for a duration of thirty minutes, the reader enters Off mode.

Figure 2 Single-Slot Charging Cradle



Optimum Tag Decoding



Ergonomic Best Practices



NOTE Taking breaks and task rotation is recommended.

Optimum Upright Body Posture



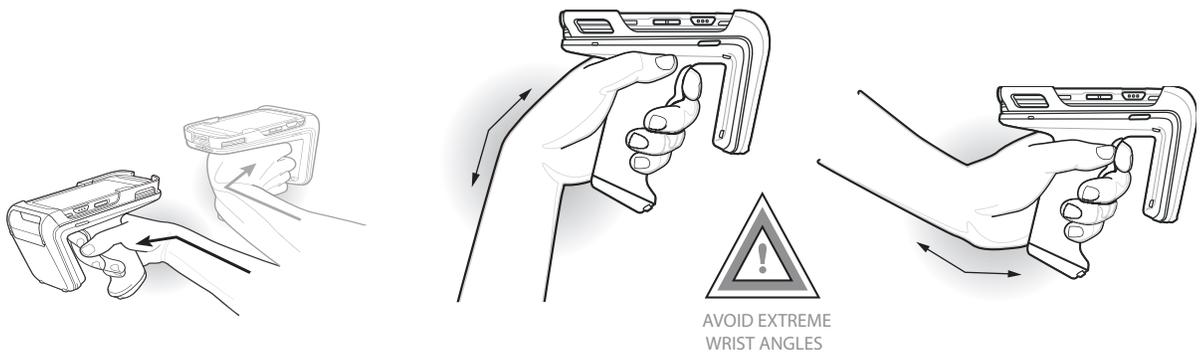
Optimum Body Posture for Low Scanning



Optimum Body Posture for High Scanning



Avoid Extreme Wrist Angles



123RFID Mobile

This section describes the 123RFID Mobile Application which demonstrates the RFD40 RFID Standard sled's capability and tag operation functionality.

Requirements

Requirements for the 123RFID Mobile Application for Android are as follows:

- Zebra approved mobile computer compatible with the RFD40 Standard RFID sled.
- 123RFID Mobile Application APK.

Installing 123RFID Mobile

Install the 123RFID Mobile Application on the mobile computer from zebra.com/support or from the Google Play Store. The procedure to install the software on an Android device is dependent upon the Android version.

To install the software:

1. Connect the Android device to your computer. It is connected as MTP Device and shown as a drive on the computer. For information on transferring files using Media Transfer Protocol, refer to the Mobile Computer Integrator Guide at: zebra.com/support.
2. Navigate to Device Settings > Security and check Unknown Sources to allow installation of applications from unknown sources.
3. Copy the 123RFID_Mobile_1.0.x.x.apk file to the mobile device.
4. Go to Settings > Security and select Unknown sources.
5. Use the File Manager to locate the 123RFID_Mobile_1.0.x.x.apk file in the folder to which it is copied in [Step 3](#) and select it.
6. In the pop-up window, select the Android App installer to begin installation.

Using 123RFID Mobile

To use the application for RFID operations:

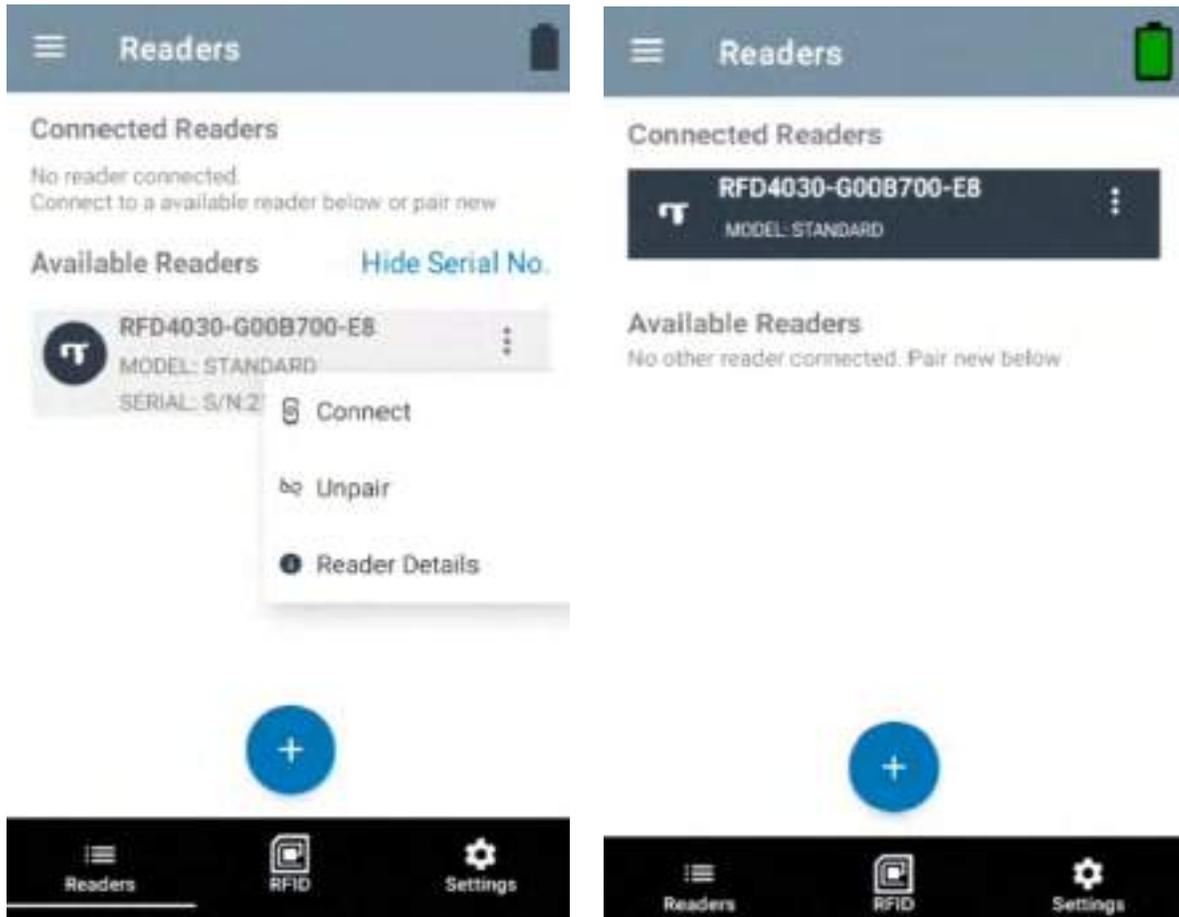
1. Launch the 123RFID Mobile Application for Android on the mobile device.
2. From the Readers list, tap on the available RFD40 device listed under Available Readers to connect and view the Rapid Read screen.
3. Tap **Settings > RFID > Advanced Reader Options > Antenna**. Power Level is set to 27.0 dBm by default. However, it is shown as 270 dbm because the value used is in units of tens of dBm. Japan units are set to a different default power level depending on the SKU type.

4. Tap the Back button and select Regulatory to set the region in which the device is operating.

Readers List

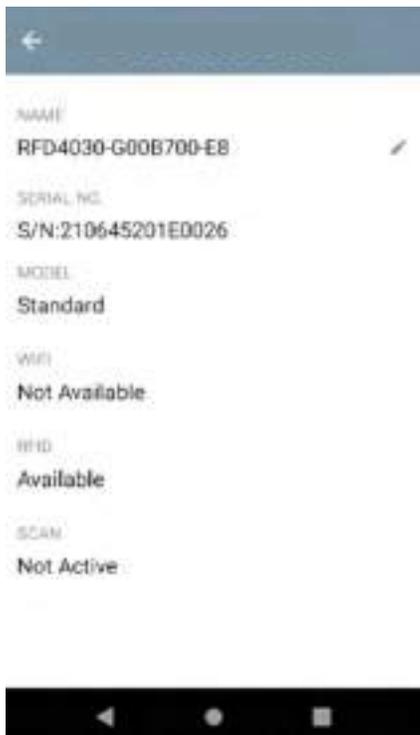
From the bottom navigation menu tap the **Readers icon**.

Figure 4 Settings - Readers List Screen



Tap a reader name from the **Readers List** to establish a session with the selected reader. Tap again to terminate the session. To obtain additional information about the device, tap **Reader Details**.

Figure 5 Reader Details



Updating the Device Firmware

Update the device firmware by tapping Firmware Update from the menu. Next, select the firmware version to be loaded onto the device and tap the Update Firmware button.

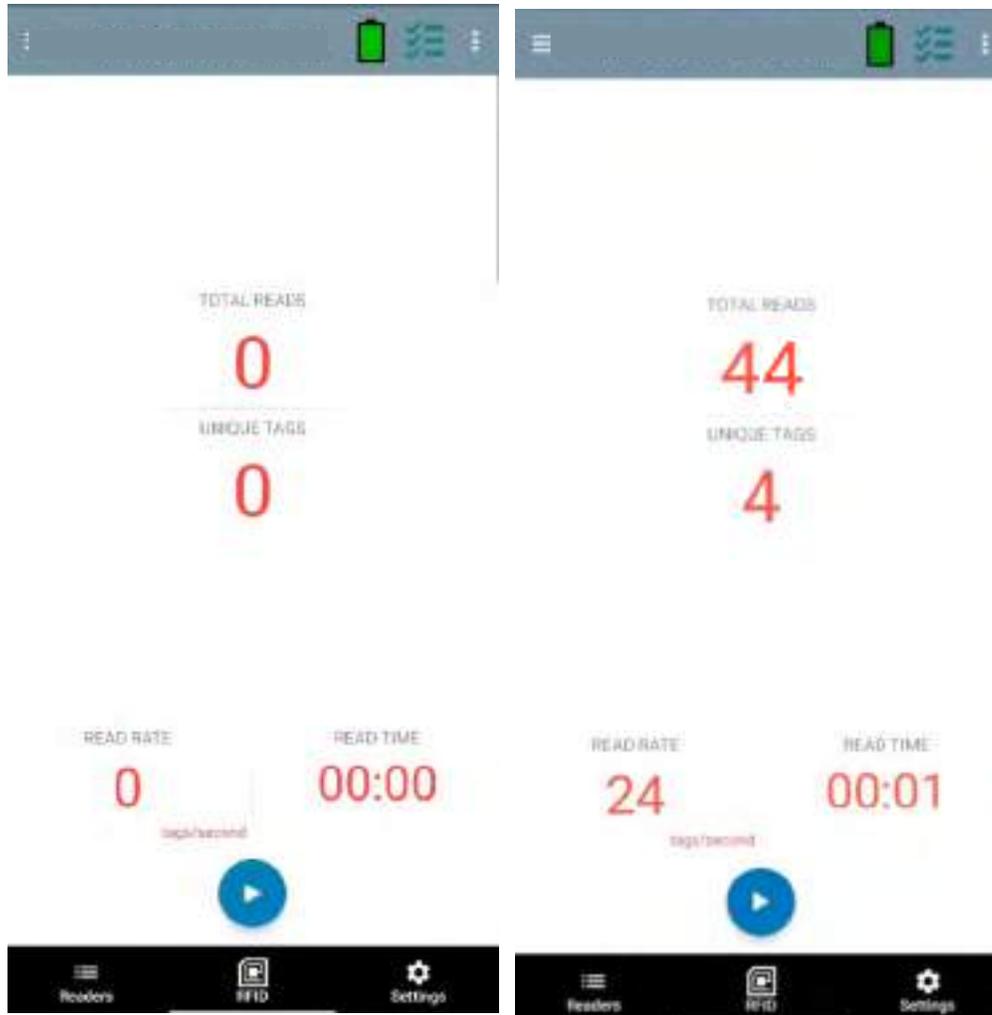
Figure 6 Firmware Update



Rapid Read

Tap **Rapid Read** from the **Home** or **Menu** screen.

Figure 7 Rapid Read Screen



The Rapid Read and Inventory screens display the following data (see [Inventory](#) on page 19).

- Total Reads
- Unique tag count
- Read time (mm:ss)
- Tag read rate (tags/sec).

The Rapid Read and Inventory screens present two different views of the inventory operation on the reader. The **Start/Stop** functionality can be used interchangeably on both screens. For example, when operation starts on the **Rapid Read** screen and you navigate to the **Inventory** screen, the button available on the **Inventory** screen is **Stop**. The same is true when the operation starts on the **Inventory** screen. During the rapid read process, you can navigate to the **Inventory** screen to view tag details along with tag counts for each tag. The statistics displayed are maintained on the **Rapid Read** and **Inventory** screens regardless of the screen used to start the process.

Select **Start** to start the rapid read inventory operation. Select **Stop** to stop inventory operation.



NOTE The scan trigger on the device can also start and stop the inventory operation. Press the trigger to start, continue to hold and release to stop.

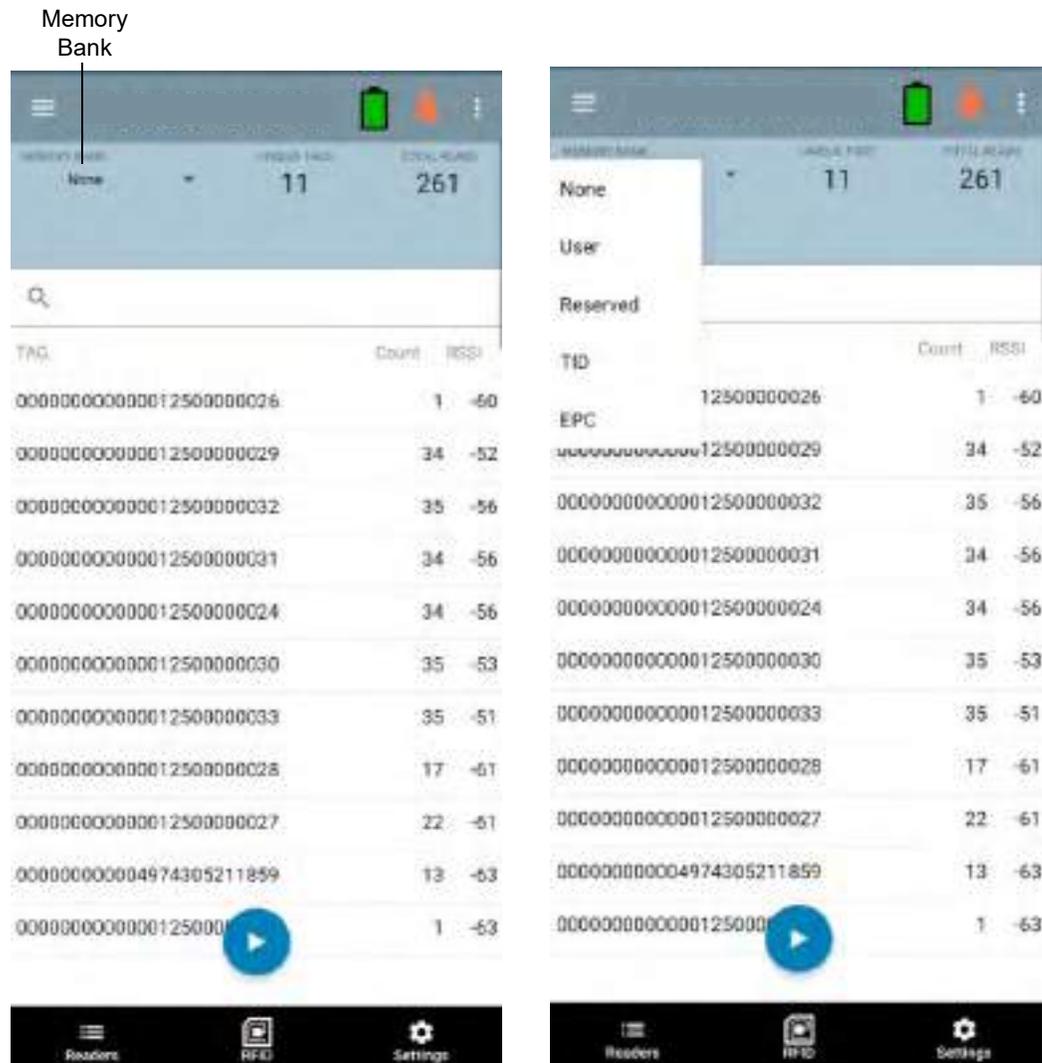
Progressing to another screen does not halt the operation. However, attempting to make changes or perform another operation while rapid read is in process results in an error.

Inventory

Once tags begin reading, the tag details populate the inventory screen. To filter the information by type, tap the Memory Bank dropdown menu and select User, Reserved, TID, or EPC.

Select **Inventory** from the **Home** or **Menu** screen.

Figure 8 Inventory Screen



Tag reading is started and stopped on this screen as well as on the **Rapid Read** screen (see [Rapid Read on page 18](#)). When the process starts, tag information displays on the screen.

Tap **Start** to start the rapid read inventory operation. The **Start** button changes to **Stop**. Tap **Stop** to stop the read inventory operation.



NOTE The scan trigger on the device can also start and stop the inventory operation. Press the trigger to start, continue to hold and release to stop.

The tag ID selected can be filtered by **RFID Settings, Locate, Pre Filters, and Tag Write**. After selecting a tag, tap on the action bar **Locate** icon to go to the Locate screen. Tags are fully convertible to ASCII format. ASCII mode may be enabled by selecting **Settings > Application Settings**.

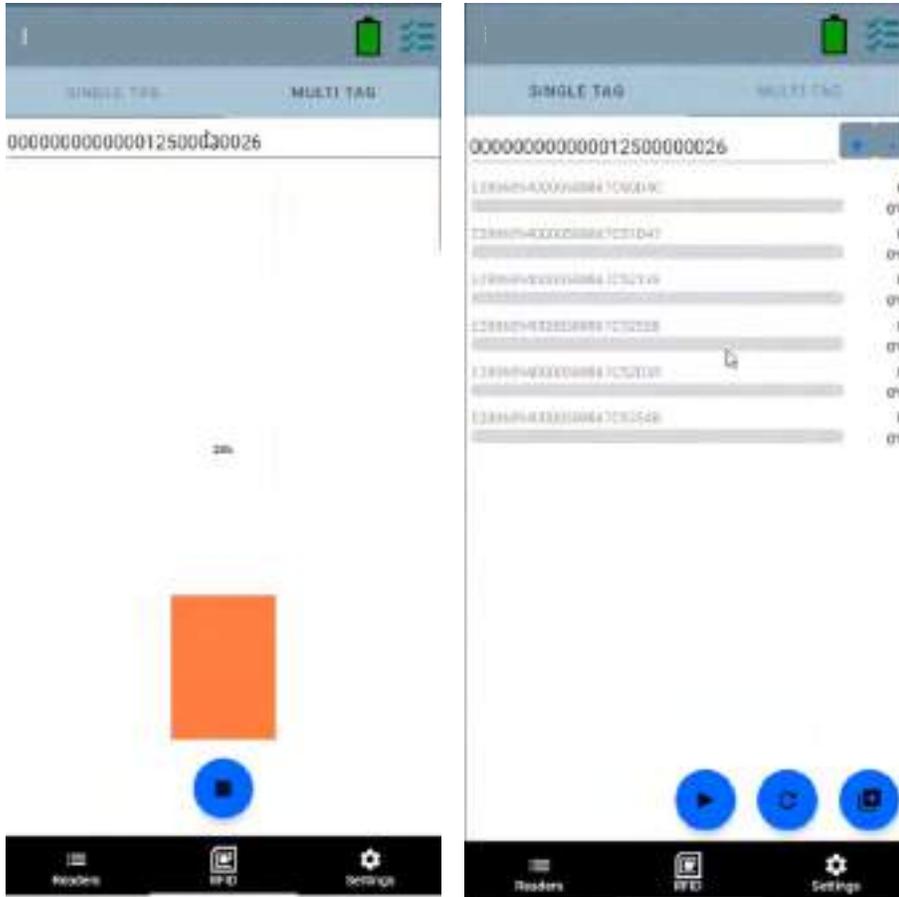
Figure 9 Tag Data Filters



Locate Tag

Tap **Locate Tag** from the **Home** or **Menu** screen.

Figure 10 Locate Tag Screen



On this screen, enter the Tag ID in the text area or select a tag from the Inventory screen to pre-populate the Tag ID to search.

Tap **Start** to start the locate tag operation and tap **Stop** to stop. The device trigger can also be used to start and stop the operation.



NOTE The scan trigger on the device can also start and stop the inventory operation. Press the trigger to start, continue to hold and release to stop.

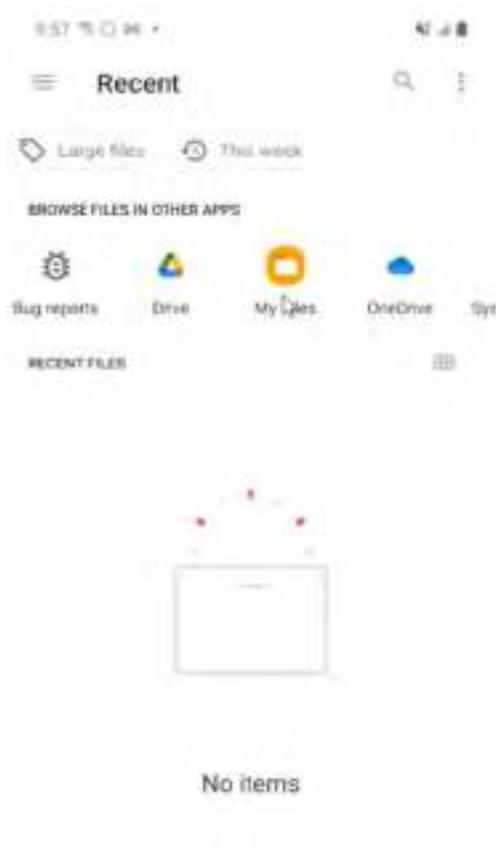
The color bar on the display shows the relative distance of the tag.

When the locate tag operation starts, moving to another screen does not stop the operation until **Stop** is selected.

Multi Tag

To locate and track multiple tags, select the Add a File icon on the multi-tag panel and select the file containing the specific tag information from the file manager to bring the file into the application.

Figure 11 Multi Tag File Upload



Inventory Screen Features

Table 6 Inventory Screen Features

Item	Description
Action Bar	
Tags	Tap Memory Bank to select one of the following memory bank options from the drop-down menu: <ul style="list-style-type: none"> • None - Defaults to EPC. • User - Allows reading user memory bank data when the tag is inventoried. • Reserved - Allows reading reserved memory bank data when the tag is inventoried. • TID - Allows reading TID memory bank data when the tag is inventoried. • EPC - Allows reading EPC memory bank data when the tag is inventoried. When the next inventory operation starts, the details from the selected memory bank displays. This menu is inactive if there is an ongoing operation on the connected reader. • Default Display - None.
Search	Tap the Search icon and enter a tag ID. Tags that match the entry display in the content area.
Power Management	Icon indicates if Dynamic Power is on. See Power Management on page 41 . Tap the Power Management icon to open the Battery Status screen.
Content Area (select a tag)	Tapping a Tag ID highlights the tag. The highlighted Tag ID is populated on the Tag Location text area as well as the Tag Pattern area in the Access Control screen. Tap Start to start searching for the tag. See Tag List Match Mode Operation on page 24 for more details. From this screen, return to the Menu or go to the Home screen and select Locate Tag .
Content Area (select a tag)	The tags displayed in this area are based on the option selected from the memory bank. Tap the tag ID to expand details about the tag. Tap the tag ID again to collapse details. <p>Example Default Tag Display:</p> Tag ID Tag Count AD99 15404190725965400404
	Example Expanded Tag Display: Note: Expanded tag detail can only display when the inventory operation is stopped. Memory bank data is shown only when inventory is complete. Tag ID Tag Count AD99 15404190725965400404 EPC MEMORY3000 RSSI -50 Phase 1800 USER 1122334455667788AABBCCDDEEFF 1122334455667788AABBCCDDEEFF 1122334455667788AABBCCDDEEFF

Tag List Match Mode Operation

When **Tag List Match Mode** is checked on the **Application** screen ([Application Settings on page 43](#)), the application identifies tags from a given set of tags in csv tag list format (comma separated values file). The contents of the csv file display on the **Inventory** screen. By default, the application displays friendly names from csv files.

Before the inventory starts, the count is zero. The tag list can be sorted using the drop-down menu choices. Select an option to display the type of tags to show when the inventory starts.

All: [Sample 4 Inventory List: Tag List Enabled; All Tag Option Selected on page 28](#)

Matching: See [Sample 1 Inventory List: Tag List Enabled; Matching Tag Option Selected on page 24](#).

Missing: See [Sample 2 Inventory List: Tag List Enabled; Missed Tag Option Selected on page 26](#).

Unknown: [Sample 3 Inventory List: Tag List Enabled; Unknown Tag Option Selected on page 27](#)

Sample Contents of Taglist.csv File

The csv file should contain only alphanumeric characters in the tag column. If there are any special characters, the row is discarded.

The Taglist.csv file must be located inside the rfid folder which must be manually created at the Android device root directory.



NOTE The folder name must be all lower case (for example, rfid and not RFID).

Figure 12 Taglist.csv File Contents

	A	B	C	D
1	30304035A880C80000123658	Item (*-*).001		
2	3035200EDC27074000123663	Item (*-*).002		
3	8DF0000000000000081291D	Item (*-*).003		
4	30304035A880C8000012364F	Item (*-*).004		
5	30304035A880C80000123644	Item (*-*).005		
6	30304035A880C8000012365C	Item (*-*).006		
7	30304035A880C80000123654	Item (*-*).007		
8	30304035A880C80000123710	Item (*-*).008		
9	30304035A880C80000123645	Item (*-*).009		

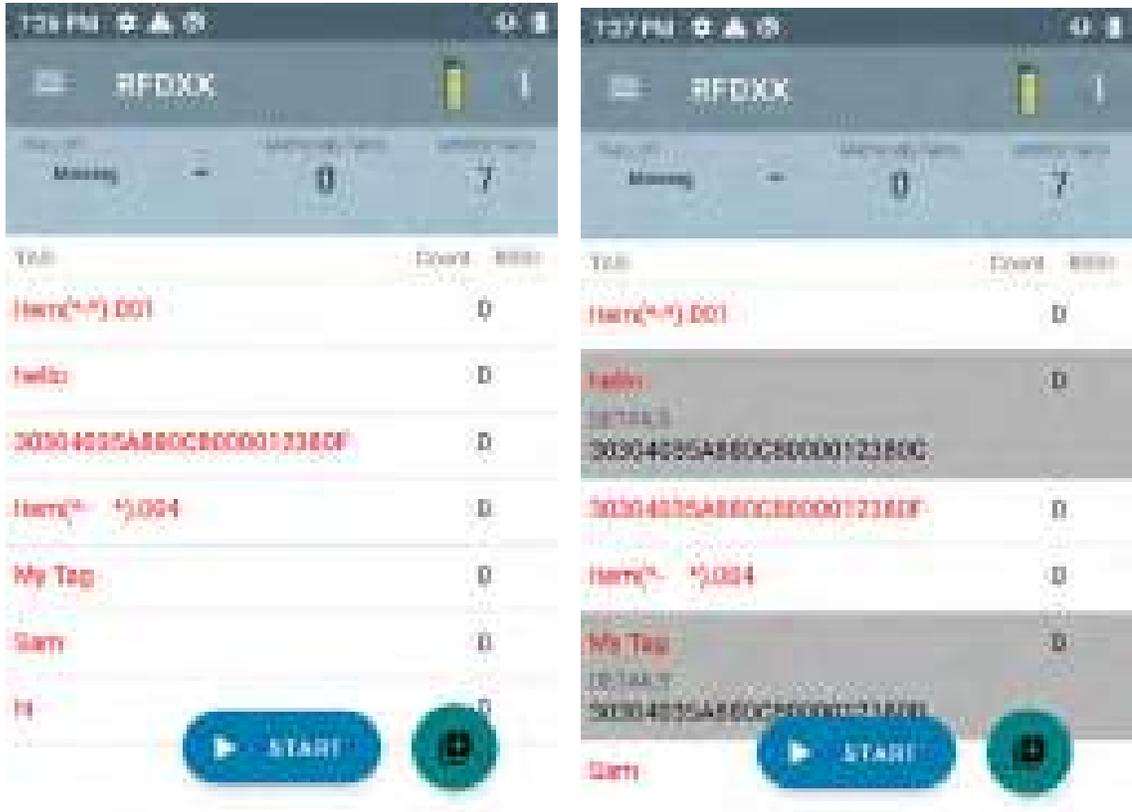
Sample 1 Inventory List: Tag List Enabled; Matching Tag Option Selected

When inventory starts, the application only displays the tag reads that match the tags in the taglist.csv file. Matching tags display in green. Select any tag read to show the matching tag details in the csv file.

Sample 2 Inventory List: Tag List Enabled; Missed Tag Option Selected

When inventory starts, the application only displays the tag reads that are missed and included in the taglist.csv file. Missed tags display in red. Select any tag to show the missed tag details in the csv file.

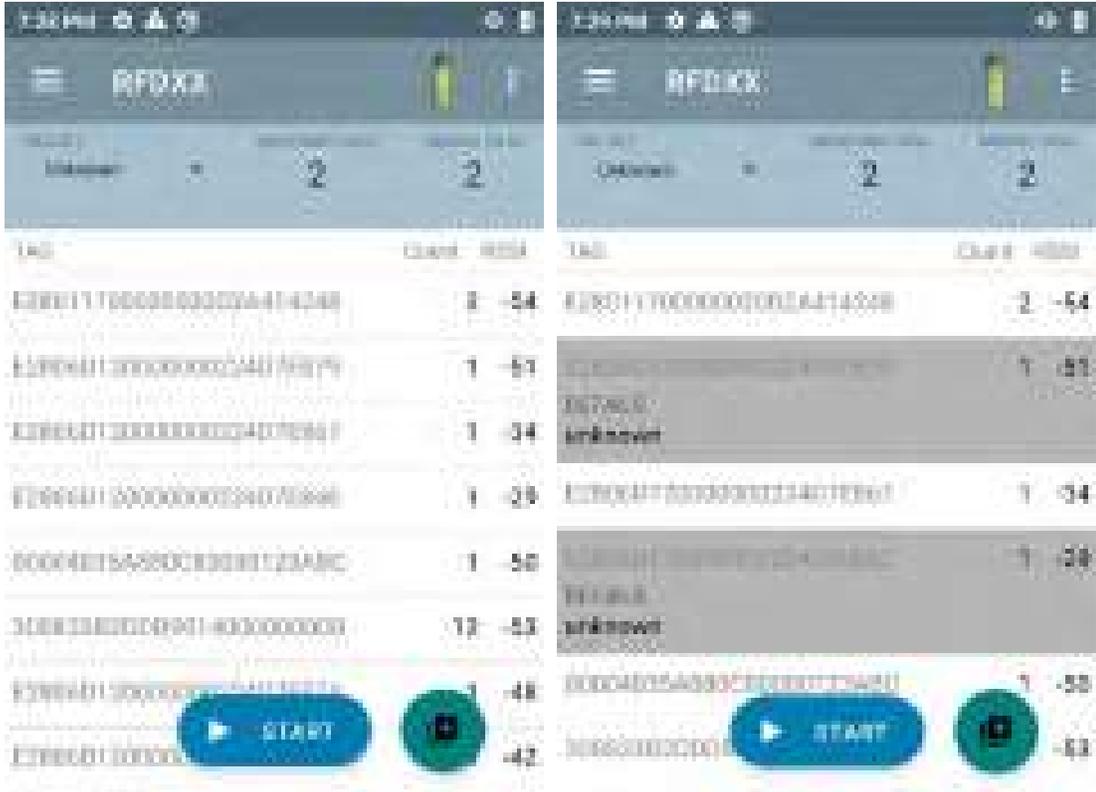
Figure 14 Missed Taglist.csv File Contents



Sample 3 Inventory List: Tag List Enabled; Unknown Tag Option Selected

When inventory starts, the application only displays tags that were read but not included in the taglist.csv file. Unknown tags display in gray. Select any tag to show the unknown tag details.

Figure 15 Unknown Tags

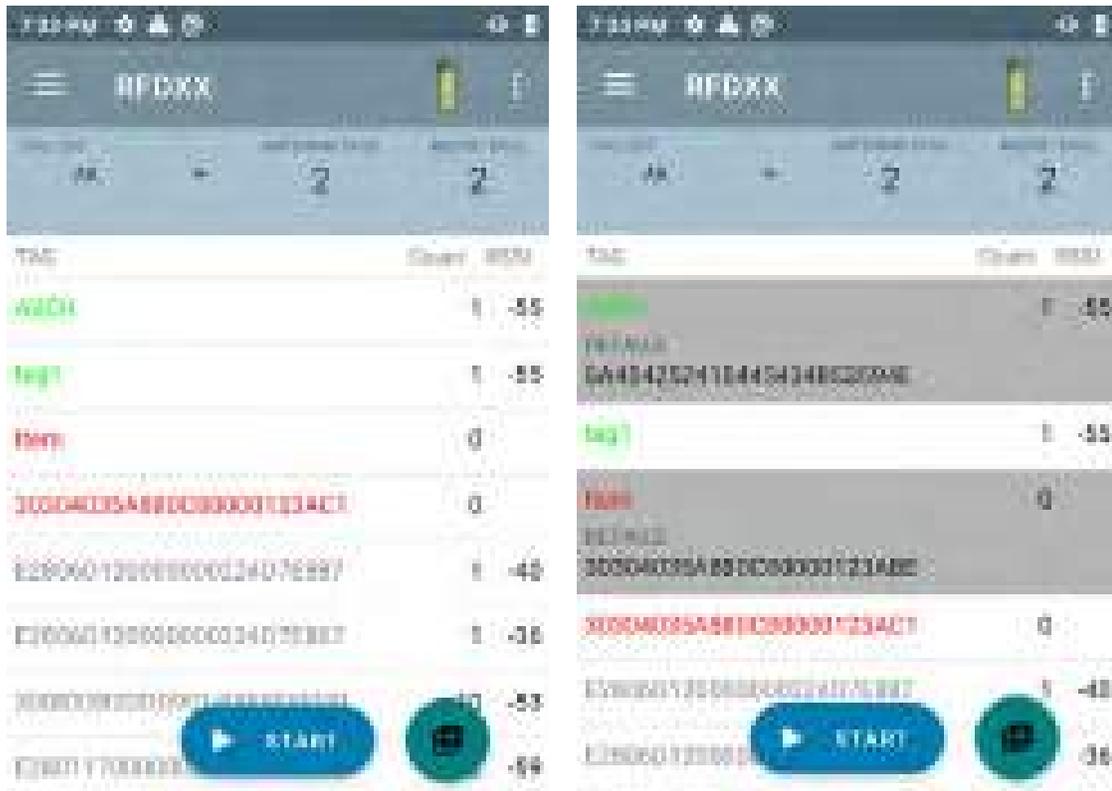


Sample 4 Inventory List: Tag List Enabled; All Tag Option Selected

When inventory starts, the application displays the tags for all of the options:

- Tag reads that match the tags in the taglist.csv file. Matching tags display in green. Select any tag read to show the matching tag details in the csv file.
- Tag reads that are missed and included in the taglist.csv file. Missed tags display in red. Select any tag to show the missed tag details in the csv file.
- Tags that were read but not included in the taglist.csv file. Unknown tags display in gray. Select any tag to show the unknown tag details.

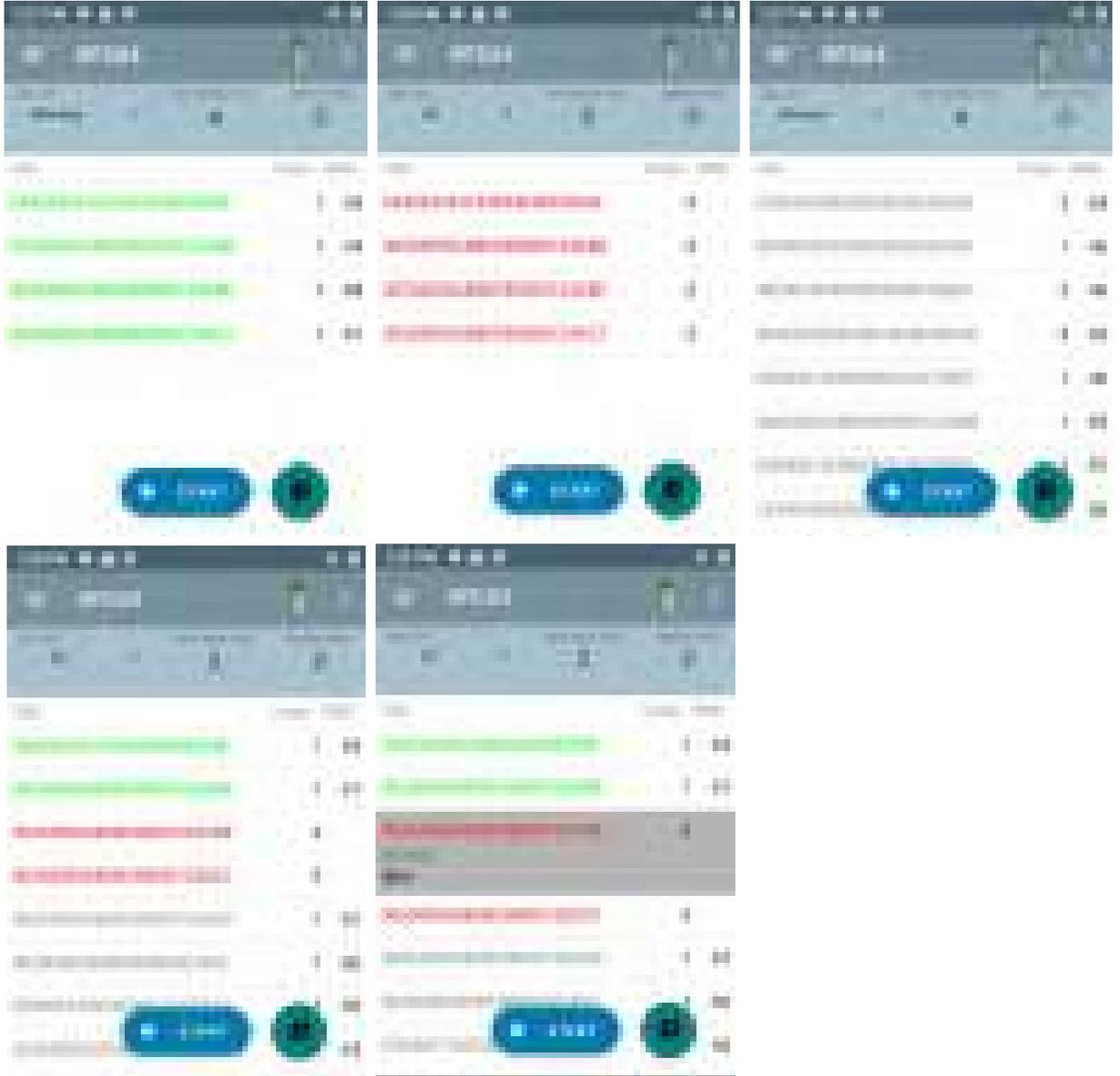
Figure 16 All Tags



Sample 5 Tag List Matching Selected; Show Friendly Not Names Selected

When inventory starts, the application displays the tags for selected options from All, Matching, Missing, or Unknown. Application shows friendly names (i.e., Tag details instead of EPC) on screen.

Figure 17 Show Friendly Names Enabled



Sample 6 Exporting Data - Tag List Matching Selected

The [Application Settings](#) screen on [page 43](#) has the option to Export Data. If the option is checked, data is exported when the inventory stops. The tag content area is exportable to a file. For example, when **Matching** is selected from the menu to display only matching tags in the tag content area, the matching data can be exported to a file. The exported csv file includes the matching, missing, and unknown tag count shown in [Figure 18](#).

Figure 18 Exported File Content

INVENTORY SUMMARY			
	A	B	C
1	INVENTORY SUMMARY		
2	MATCH COUNT:	36	
3	MISS COUNT:	36	
4	UNKNOWN COUNT:	36	
5	READ TIME:	0:00:11	
6			
7	TAG ID	COUNT	
8	30304035A880C80000123658	0	null
9	3035200EDC27074000123663	13	MATCH
10	8DF000000000000000081291D	0	MISS
11	30304035A880C80000123644	18	MATCH
12	30304035A880C8000012365C	82	MATCH
13	30304035A880C80000123654	0	null
14	30304035A880C80000123710	7	MATCH
15	30304035A880C80000123645	1	MATCH
16	30304035A880C80000123656	0	null
17	303425485C27074000123662	476	MATCH
18	30304035A880C8000012364D	0	MISS
19	30304035A880C80000123650	0	MISS
20	8DF00000000000000007CCCC7	0	MISS
21	30304035A880C80000123705	0	MISS
22	30304035A880C80000123737	3	MATCH
23	30304035A880C8000012370F	28	MATCH
24	30304035A880C8000012371D	27	MATCH
25	30304035A880C80000123721	8	MATCH
26	30304035A880C80000123736	0	null
27	AD99160042DB2190540000C6	0	MISS
28	8DF0000000000000000812998	0	MISS
29	30304035A880C8000012364C	0	MISS
30	30304035A880C80000123652	0	null
31	30304035A880C80000123664	532	MATCH
32	30304035A880C8000012364E	0	MISS
33	30304035A880C8000012364A	0	MISS
34	30304035A880C80000123657	0	null

Unique Tag Reporting

When **Unique Tag Reporting** is enabled on the [Tag Reporting](#) screen on [page 39](#), the reader reports only unique tags based on the options below.

- When the **Matching** option is selected (see [Sample 1 Inventory List: Tag List Enabled; Matching Tag Option Selected on page 24](#)) the tag count cannot be greater than one because the unique tags are only reported one time.
- When the **Matching** option is not selected, the list displays unique and total reads. The tag count cannot be greater than one because the unique tags are only reported one time.

Settings

To access the Settings of the device, tap the Settings Icon from the bottom navigation bar. Settings is split up into General Settings to configure settings on the device, RFID Settings to configure specific reader and antenna settings, and Application settings to make changes to the 123RFID Mobile application settings.

General Settings

Figure 19 Settings Screen



Table 7 General Settings Screen Options

Settings Option	Description
Firmware Update	Update the firmware on the reader.
Factory Reset	Reset the settings on the reader to Factory Defaults.
Enable Logging	Enable the logging of tag reads.
Device Info	View information such as friendly name, serial number, model, and RFID/scan settings.
Share File	Share a file with a paired device.
Trigger Mapping	Designate the Upper Trigger for RFID decode and the Lower Trigger for Host Scan or the Upper Trigger for Host Scan and the Lower Trigger for RFID decode.

Updating the Device Firmware

Update the device firmware by tapping **Firmware Update** from the menu. Next, select the firmware version to be loaded onto the device and tap the Update Firmware button.

Figure 20 Firmware Update



RFID Settings

Figure 21 Settings Screen



Table 8

RFID Settings Option	Description
Profiles	Displays Fastest Read, Cycle Count, Dense Readers, Optimal Battery, Balanced Performance, User Defined and Reader Defined profiles.
Advanced Reader Settings	Antenna, Singulation, Control, Start/Stop Triggers, Tag Reporting, Power Management and Save Configuration
Regulatory	Allows region and channel selections.
Battery	Displays the device battery status.
Beeper	Use to turn the beeper on/off, and set volume.
LED	Enables/Disables the device tag read LED indicator.

Profiles

To display the list of profiles, tap **Settings > Profile**.

- The currently selected profile is highlighted in orange.
- Tap profile item to expand the profile and view applicable configurations.
- Profiles can be selected or disabled by using the slider switch to the right of the profile name.



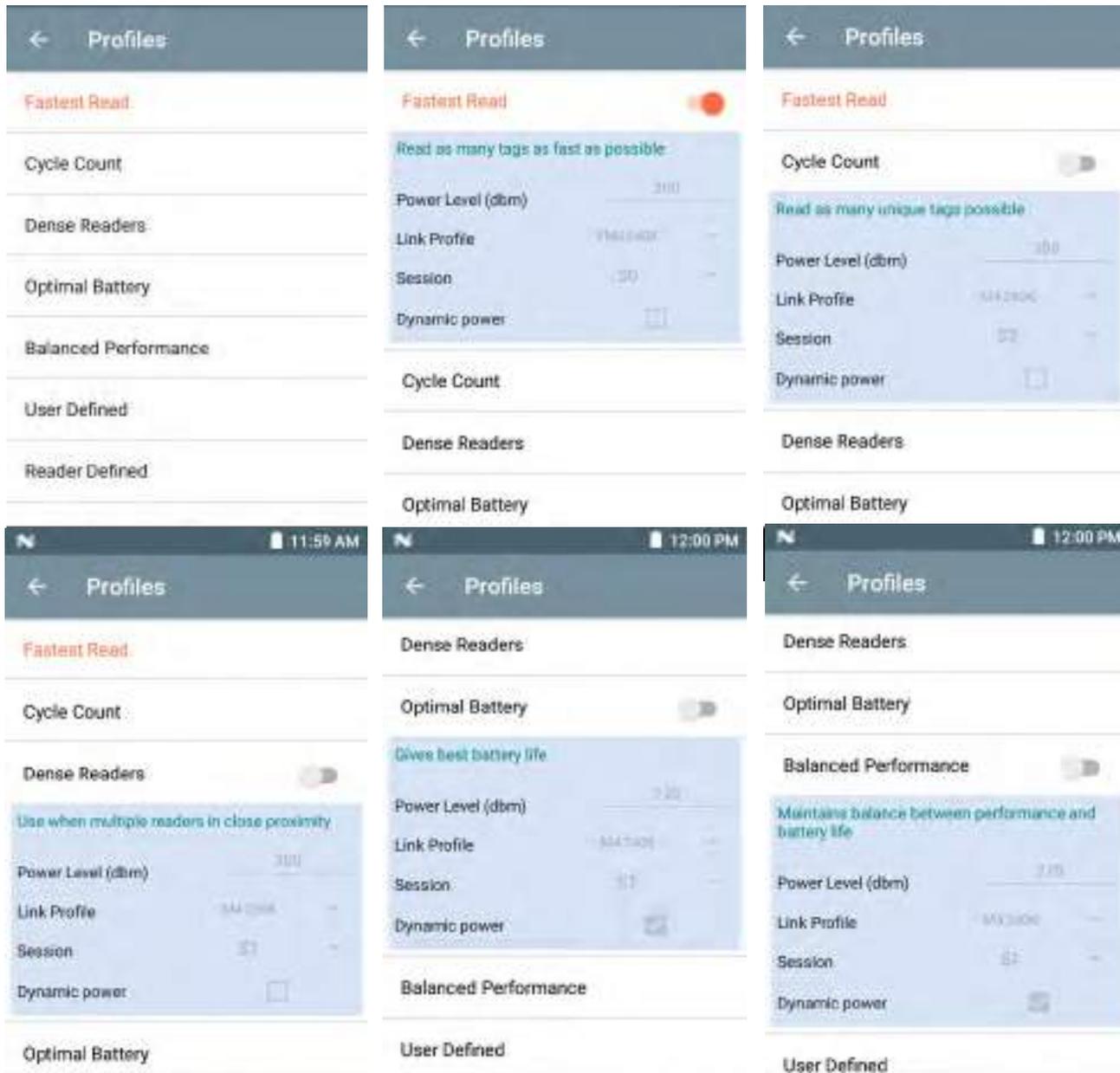
NOTE If Power Level, Link Profile, Session, or Dynamic Power are modified from each respective screen, then the currently selected profile changes to User Defined profile and profile item values are modified with same values.

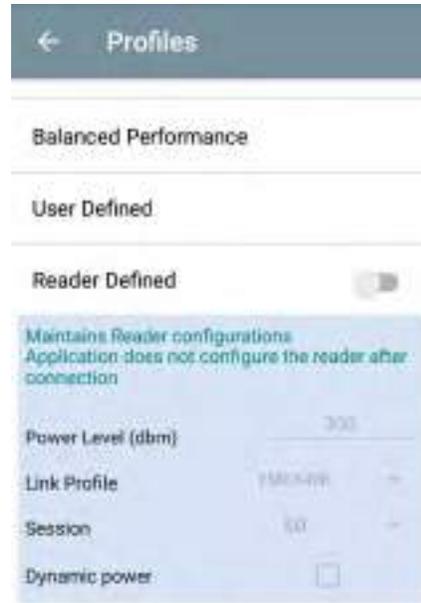
Profile setting options are as follows:

- Fastest Read - Read as many tags as fast as possible.
- Cycle Count - Read as many unique tags as possible.
- Dense Readers - Use when there are multiple readers within close proximity.
- Optimal Battery - Provides best battery life.
- Balanced Performance - Maintains balance between performance and battery life.

- User Defined - Custom profile used for custom requirements.
- Reader Defined - Maintains reader configurations.

Figure 22 Profiles Settings





Advanced Reader Settings

Antenna

To access the Antenna screen, go to: **Settings > Advanced Reader Options > Antenna**. The Antenna screen displays the following:

- **Power Level** - Displays the current selection and a text box for available power levels (as reported by the device). The default setting is 27.0 dBm (shown as 270; the value displayed is in units of tens of dBm). Japan units are set to a different default power level depending on the SKU type.

The minimum power level when DPO is enabled is 3.1 dBm. When DPO is disabled, the minimum power level is 0 dBm.

- **Link Profile** - Displays the current selection and includes a drop-down list of available link profiles (reported by the device).

Link Profile display format is as follows: Return link bit data rate in bis per second (e.g., 60000 -> 60 Kbs); Miller Value (e.g., MV_4 -> Miller 4); thus profile name M4 240K (240K becomes BLF) modulation type (PR ASK is the only one supported).

- **PIE** value has no units and is either 1500 and 2000 minimum.
- **Tari** applicable Tari value in thousands of micro seconds (e.g., 6250 -> 6.25 microseconds).

Figure 23 Antenna Screen



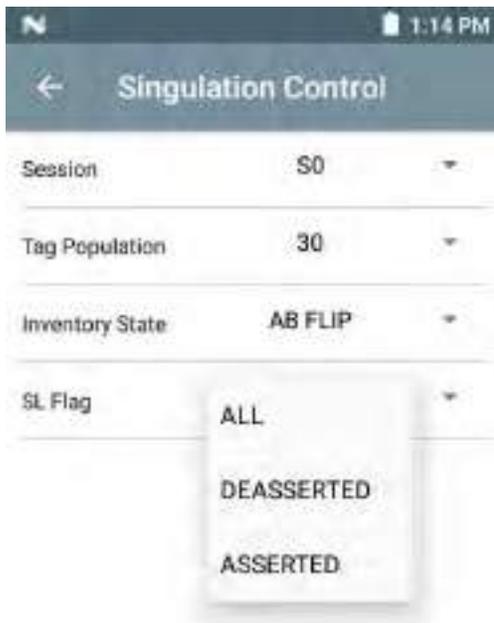
NOTE The Power Level and Link Profile are blank when there is no connection to the reader.

Singulation Control

To access Singulation Control, go to: **Settings > Advanced Reader Options > Singulation Control**. View or configure the singulation control settings for each antenna.

- **Session** - The drop-down list includes the available session options (S0, S1, S2, S3).
- **Tag Population** - A numeric value of the estimated number of tags in the Field of View (FOV). Values shown are 30, 100, 200, 300, 400, 500, 600.
- **Inventory State** - State A, State B, AB Flip.
- **SL flag** - ALL, DEASSERTED, ASSERTED.

Figure 24 Singulation Control Screen



Start and Stop Triggers

To access the Start and Stop Triggers screen, go to: **Settings > Advanced Reader Options > Start\Stop Triggers**.

The **Start Trigger** Periodic displays the Period input box (in milliseconds).

The **Stop Trigger Duration**, **Tag Observation** and **N attempts** display numeric value input boxes. All time entries are in milliseconds.

All the required details for saving triggers to the reader must be entered or the application does not save the trigger settings to the reader.

Figure 25 Start and Stop Triggers Screen



Required input for Start/Stop Trigger settings are as follows:

- Start Trigger
 - **Immediate** (default)
 - **Hand-held** - Select either the **Trigger Pressed** or **Trigger Released** check box.
 - **Periodic** - Enter the period of time in milliseconds.
- Stop Trigger
 - **Immediate** (default)
 - **Hand-held** - Select either the **Trigger Pressed** or **Trigger Released** check box along with **Timeout** in milliseconds.
 - **Duration** - Enter duration in milliseconds.
 - **Tag Observation** - Enter the tag count along with timeout in milliseconds.
 - **N Attempts** - Enter the number of attempts along with timeout in milliseconds.

If the start trigger type is set to Hand-held trigger (pressed or released), the application sets the repeat for the operation to ensure the use case if repeated operations can be demonstrated.

If any trigger is defined as Hand-held, the application does not act on immediate trigger type for a Hand-held trigger action.

Tag Reporting

To access Tag Reporting, go to: **Settings > Advanced Reader Options > Tag Reporting.**

Figure 26 Tag Reporting Screen



Table 9 Tag Reporting Screen Options

Option	Description
PC	Select to allow reporting the PC as part of the Tag Data.
RSSI	Selection indicates whether or not the RSSI (Received Signal Strength Indication) is reported as part of the Tag Data.
Phase	Select to indicate whether or not the Phase is reported as part of the Tag Data.
Channel Index	Select to indicate whether or not the Regulatory Channel Index is reported as part of the Tag Data.
Tag Seen Count	Select to indicate whether or not the Tag Seen Count is reported as part of the Tag Data.
Report Unique Tags	When this option is enabled, the reader reports only unique tag reads. The Unique Tag reporting feature can be enabled when using Tag List Match mode.

Power Management

This screen provides an option to enable **Dynamic Power Optimization (DPO)** in the reader. Enabling DPO enhances battery life during inventory operations.



NOTE DPO is enabled by default. It is not necessary to disable DPO when executing access operations or using filters because DPO is automatically disabled and when the operation is complete, it is automatically enabled.

If **Dynamic Power** is On, a green battery icon appears in the title bar of the application. Tapping on this opens the **Battery Status** screen.

To access Power Management, go to: **Settings > Advanced Reader Options > Power Management**.

Figure 27 Power Management Screen



Save Configuration

To access Save Configuration, go to: **Settings > Advanced Reader Options > Save Configuration**. This screen is used to save the settings and displays the current settings on the device.

The settings are saved on the device until a reset to factory defaults is performed on the unit (see [Settings on page 31](#)).

The Tag Pattern area is automatically filled in when a tag is selected in the Inventory screen.

Figure 28 Save Configuration Screen



Access Control

Figure 29 Access Control Screens - Read/Write, Lock, Kill



The Tag Pattern area is automatically filled in when a tag is selected in the Inventory screen.

Read/Write

The Read/Write access operation is simplified with offset and length fields are hidden. The user can tap the more/advanced options icon to see offset and length fields. Tap the icon again to hide the advanced options.

Memory Bank options now have extended menu options to choose directly interested area of memory bank. This avoids typing of offset and length etc.

Read/Write

Read/Write options are:

- **Tag ID and Password** values are in hex. Tag ID is edited.
- **Memory Bank options** - EPC, TID, USER, PC and CRC, Access Password, Kill Password.
- **Offset and Length** values are in 16-bit words. This is only available after tapping the **Advance Options** icon. To toggle visibility, tap **Advanced Options** again.
- **Access operation** screen maintains edited tag ID.

Lock

Lock privilege options are as follows:

- Read and Write
- Permanent Lock
- Permanent Unlock
- **Unlock**

Kill

Permanently renders the tag unusable. A **Kill Password** must be provided.

Application Settings

From the **Settings** screen, select **Application**.

Figure 30 Settings - Application Screen

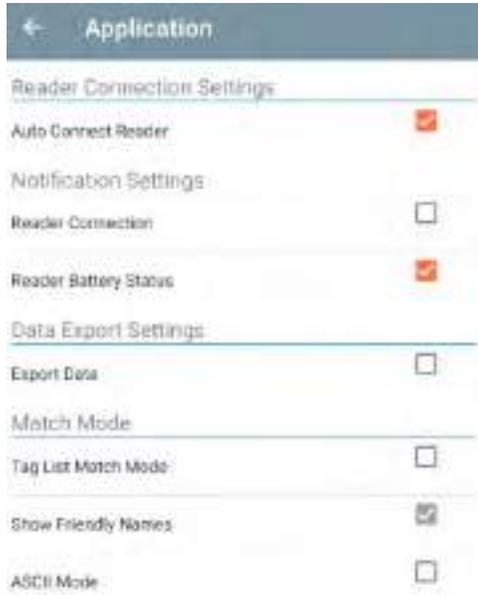


Table 10 Application Settings

Settings Option	Description
Auto Reconnect Reader	When checked, the device connects to the RFID service which manages the connection to the reader.
Reader Connection Notification	When checked, the application notifies the user when the reader is connected or disconnected.
Reader Battery Status Notification	When checked, the application notifies the user when the battery has reached specific critical states.
Export Data	When checked, the application writes the inventoried RFID data to a file when the inventory operation stops. On Android platforms the file is saved in a fixed directory. Check the files in file browsing in the Inventory directory (Sdcard/inventory/<files>). The files may be copied to a PC.
Tag List Match Mode	Check to enable matching mode.
Show Friendly Names	Check to show the tag's friendly names instead of EPC ID. Show friendly names is only available when Tag List Match Mode is enabled.
ASCII Mode	Displays tag ID in ASCII format. If the full tag ID or memory bank data is convertible to ASCII format, then the application only shows the same. Inventory, Locate, Access, and Pre Filters show ASCII mode represented data in respective sections.

123RFID Desktop Application

123RFID Desktop is a setup and optimization tool for the RFD40 Standard RFID Sled. This section describes the application and its features.

123RFID Desktop Features

- Connect - allows users to search for readers on the local subnet or USB port.
- Read - allows users to start an inventory, view summary metrics on tag reads and sort, filter and export tag data. Select an antenna and set the power level to begin building an inventory.
- Configure - allows users to configure reader and antenna settings. Settings can be saved to a file or as a printed report.
- Firmware - allows users to update the firmware on up to five devices.

Connect

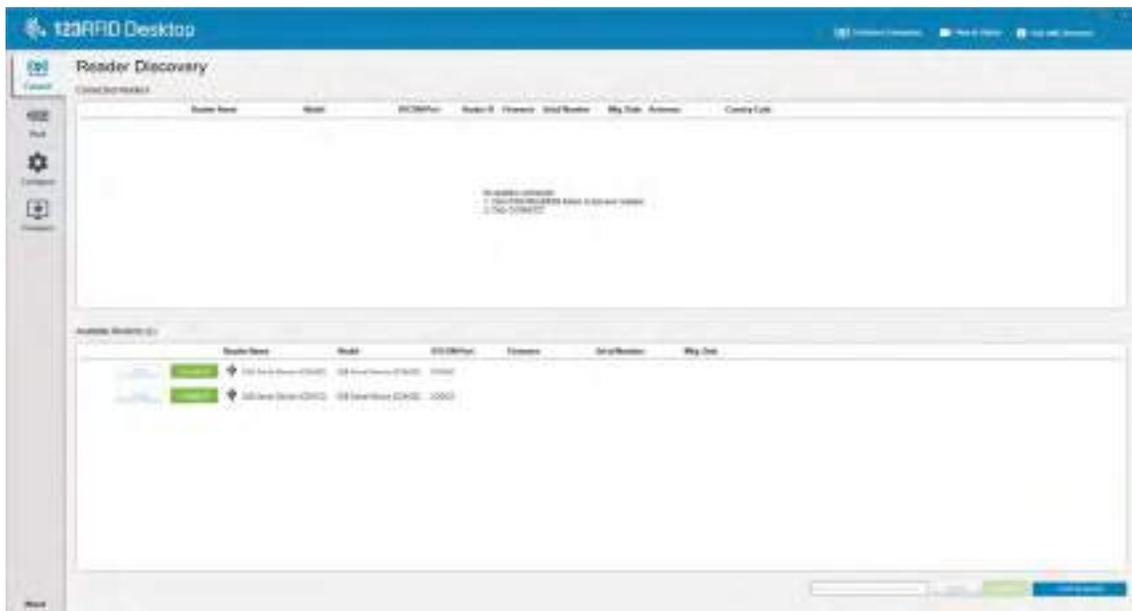
Users can locate readers on the local subnet or via USB port by clicking the **Find Readers** button or by entering the IP, hostname or COM port and clicking **Connect**.

Figure 31 Adapter Installation



To discover readers on the network view the Available Readers section of the application and click Connect on one of the associated rows to connect to the specified reader.

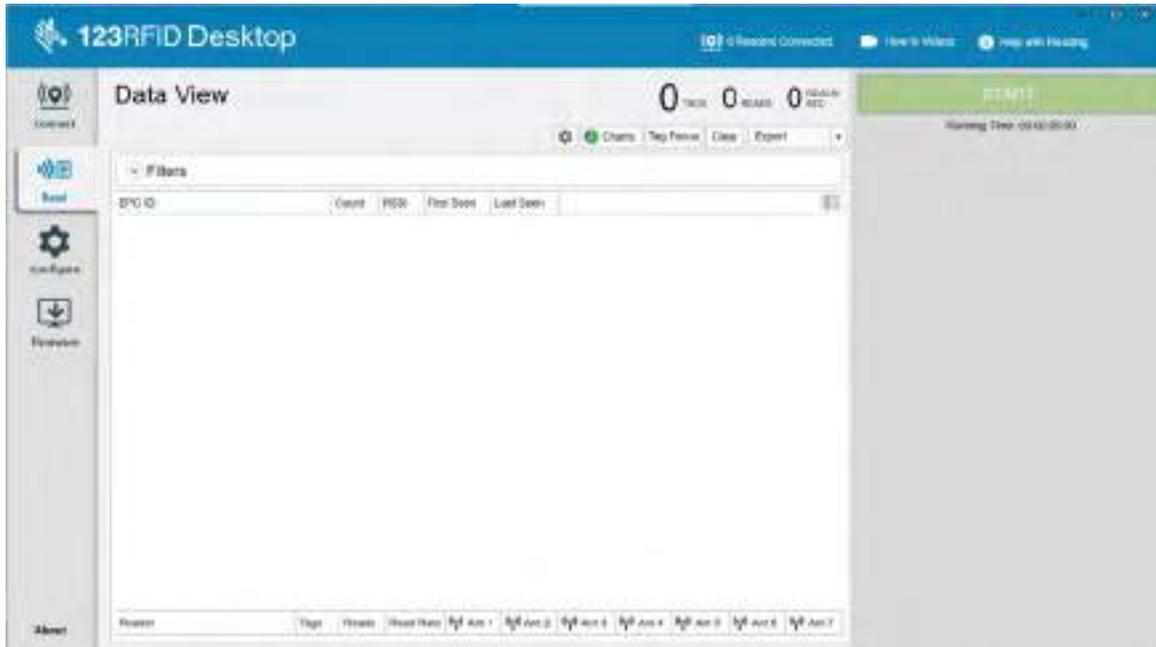
Figure 32 Reader Discovery



Read

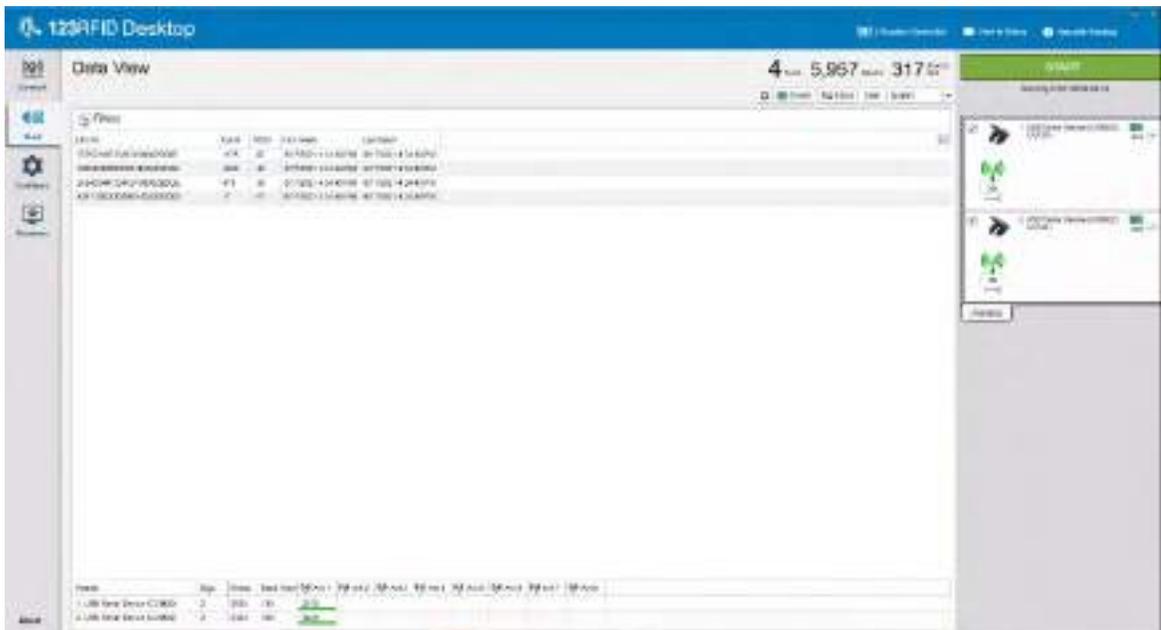
The read feature allows users to start an inventory. Users can view summary metrics on tag reads by reader, sort, filter and export tag data to a file. Select antenna and set power level to do inventory.

Figure 33 Data View



Click the **Start** button to start reading tags and recording an inventory.

Figure 34 Inventory View



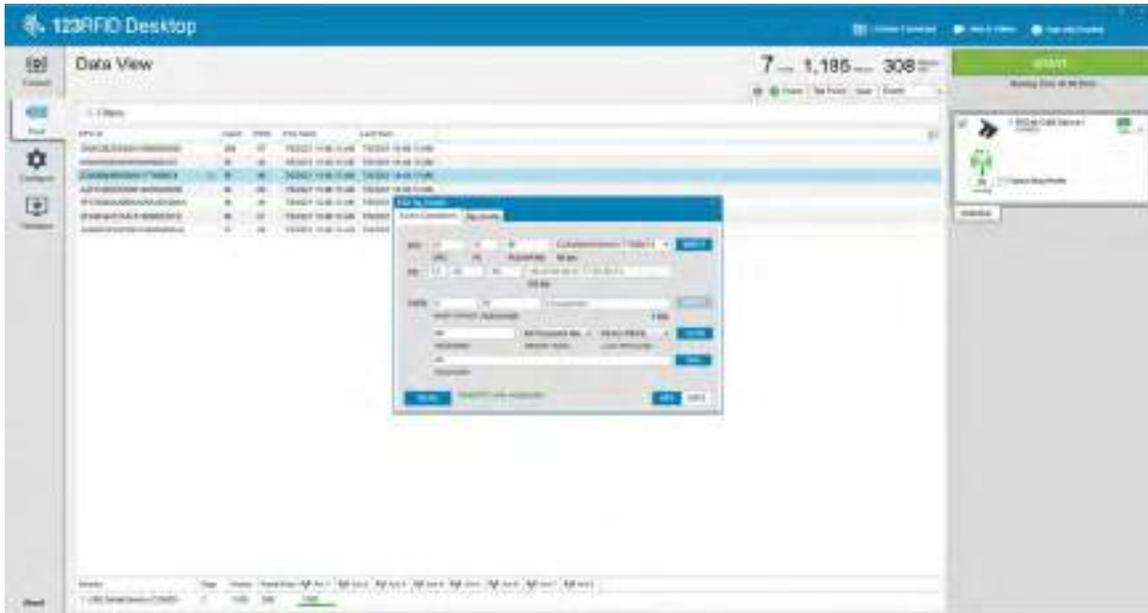
To download the inventory data for offline view:

1. Click the Export button to export tag data to excel.

- a. Export Summary – Save a snapshot of all the tag reads displayed on Read screen, in excel.
- b. Export History – Save timeline data for tags read, in excel.

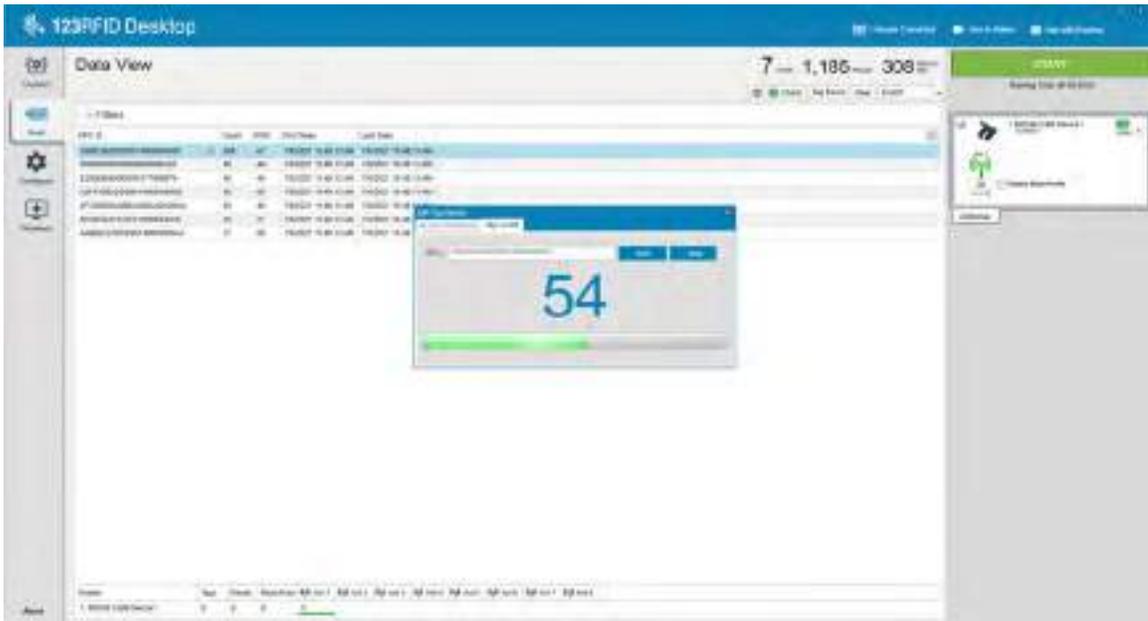
To edit access operation information on a specific tag, select and double click on the associated tag row.

Figure 35 Access Operations



To access specific tag location details, click on the **Tag Locate** tab.

Figure 36 Tag Locate



Reader Configuration

The Reader Configuration wizard configures the reader and antenna settings and saves them instantly. Users can also save settings to a file on the PC or print a report.

1. Click **Edit Configuration on Reader** to edit reader's settings and use the wizard to do the following:
 - Assign names to reader and its connected antennas.
 - Set antenna settings or reset them to factory defaults.
 - Change reader's region configuration.
 - Create rules for your GPIO (General Purpose Input/Output) accessories on when to trigger inventory and output results.
 - Save/print configurations to a file.
2. Click **Load a Saved Configuration File to Reader** to load a saved configuration file from the PC to another connected reader.

Figure 37 Configuration Settings



Reader Name

Add a description or name the reader by filling out the form fields on the name screen.

Figure 38 Name Screen



General Parameter Settings

Configurable general parameter settings include trigger mode (RFID or barcode), beeper volume (high/medium/low/quiet), dynamic power (enable or disable) and unique tag reporting (enable or disable).

Figure 39 General Settings

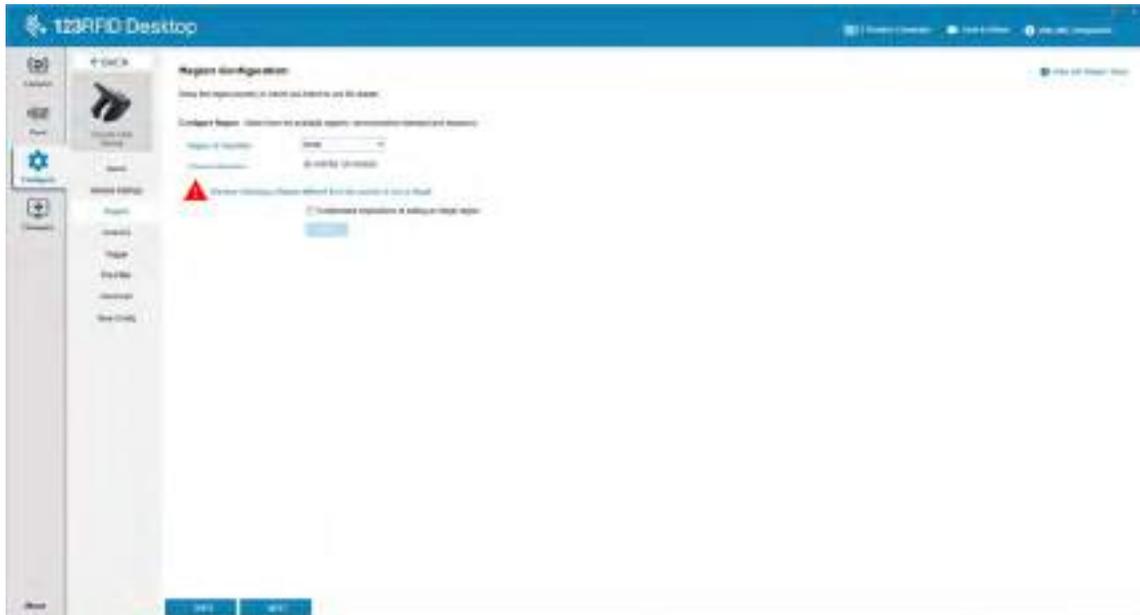


Region Configuration

To set up the region in which the reader will be used, select the Region of Operation from the drop down menu. Next, select the appropriate channels by clicking the associated check boxes.

Ensure that the reader is configured for the correct region that it will be used in. Configuring the device for a different region is illegal.

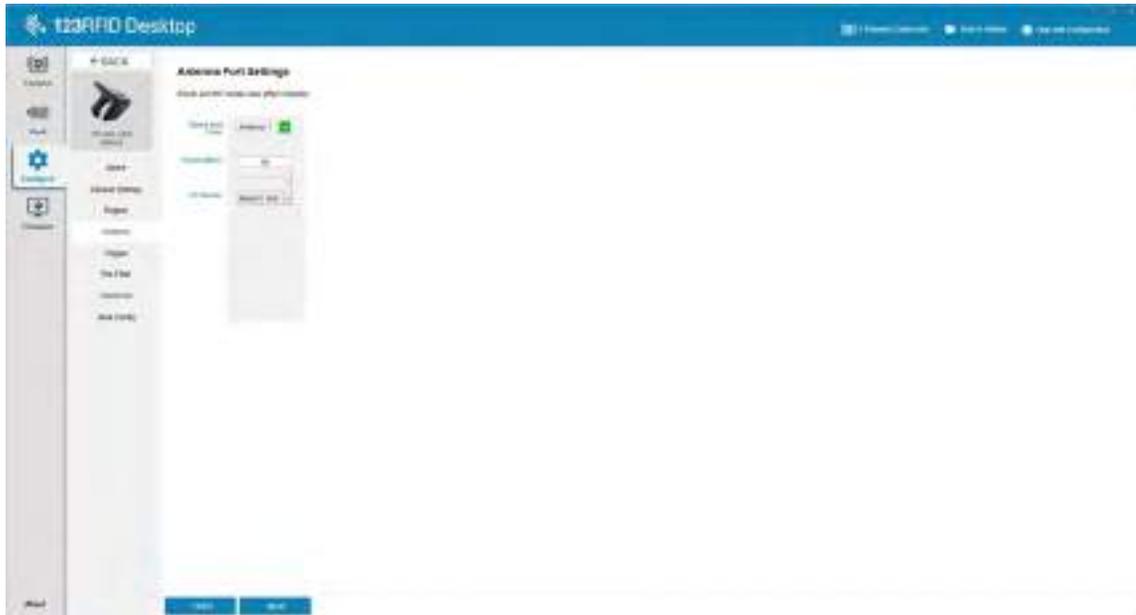
Figure 40 Region Configuration



Antenna Configuration

Configure the name and color of the antenna, enable or disable Select for Reads, adjust the power (dBm), and enable different RF modes using Antenna Port Settings.

Figure 41 Antenna Port Configuration



Trigger Configuration

Triggers that indicate to the device to start reading tags can be configured to occur during specific events such as what Start is pressed, when the handheld trigger is pressed, or after a specified duration (ms).

Triggers that indicate to the device to stop reading tags can be configured to occur after specific events such as when Stop is pressed, a specified amount of tag reads, a specified duration of time (ms), a specific number of inventory rounds complete, or when the handheld trigger is released.

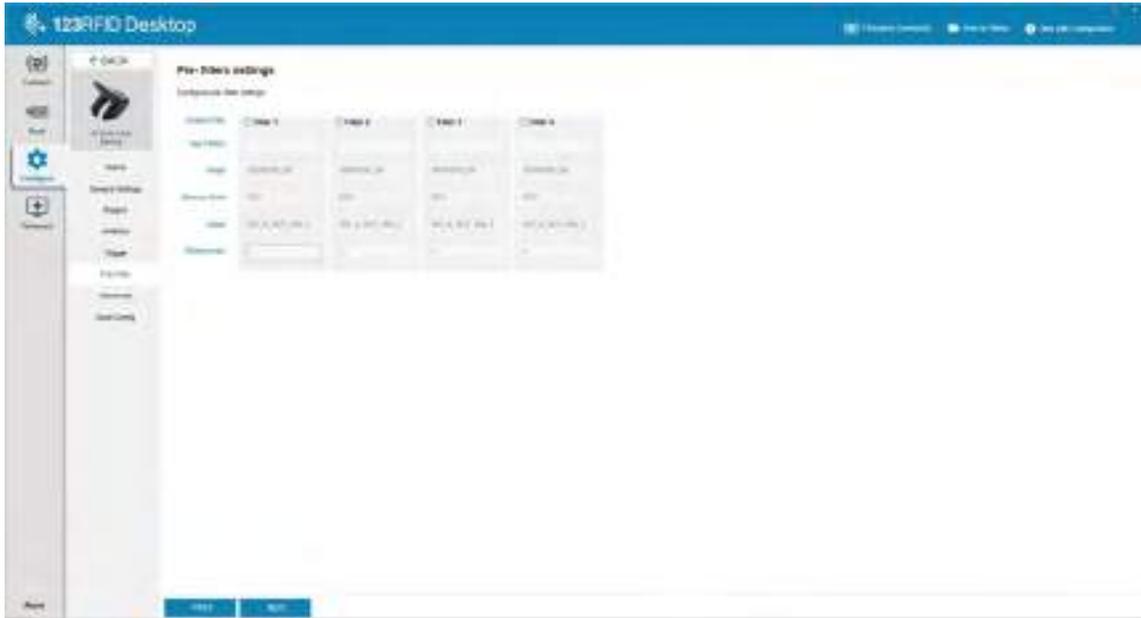
Figure 42 Trigger Settings Configuration



Pre-Filter Configuration

Configure pre-filters by first enabling the filter by clicking the checkbox. Next, enter the data into the tag pattern field, select the target, memory, and action from the associated dropdown menus. Last, enter the offset into the form field and click Next.

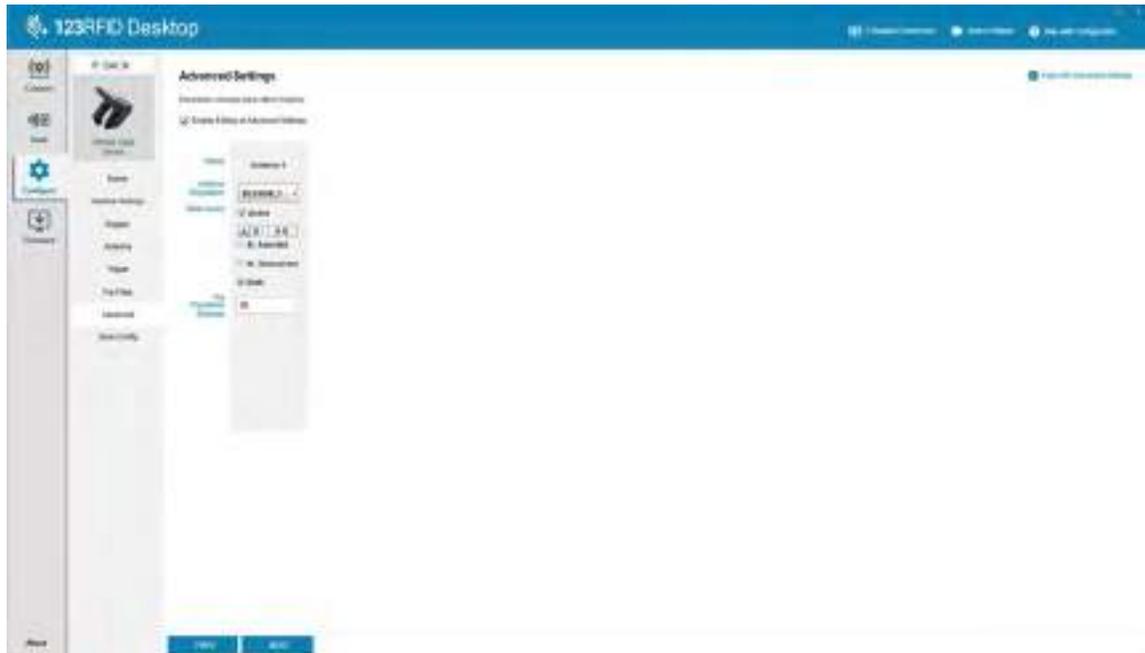
Figure 43 Pre-Filter Configuration



Advanced Configuration Settings

Enable Editing of Advanced Settings, then choose antenna singulation from the dropdown menu, select State Aware options, and determine the Tag Population Estimate. Click Sync to save the changes and complete the configuration workflow.

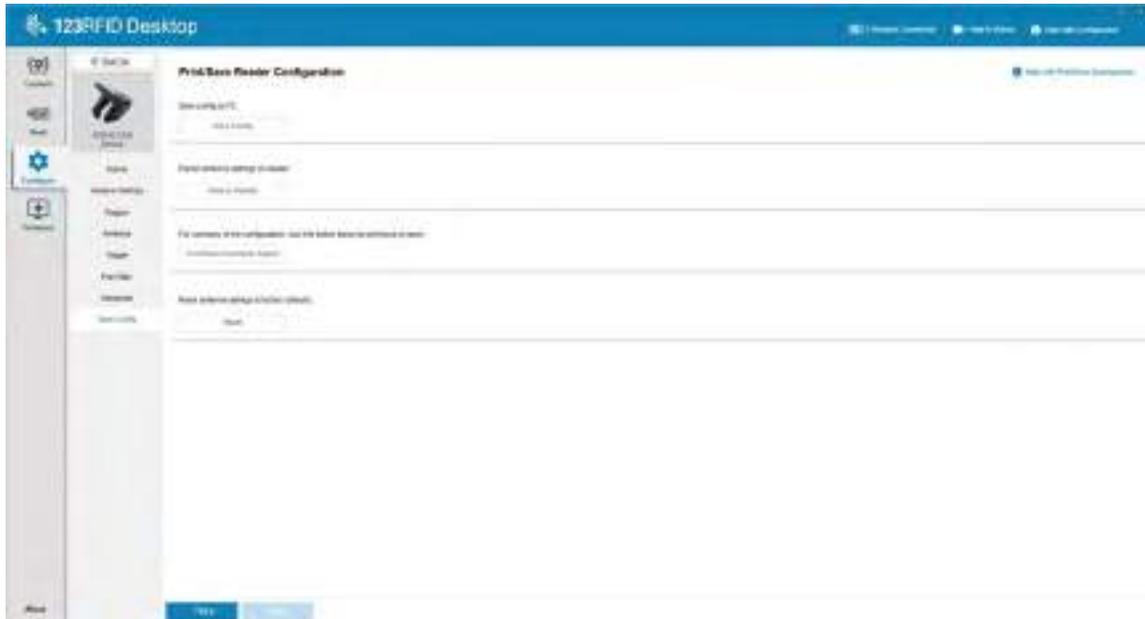
Figure 44 Advanced Configuration Settings



Save and Print Configuration

Save the configuration file to the PC, push the antenna settings to the reader, or reset the antenna settings to factory defaults at the end of the configuration workflow.

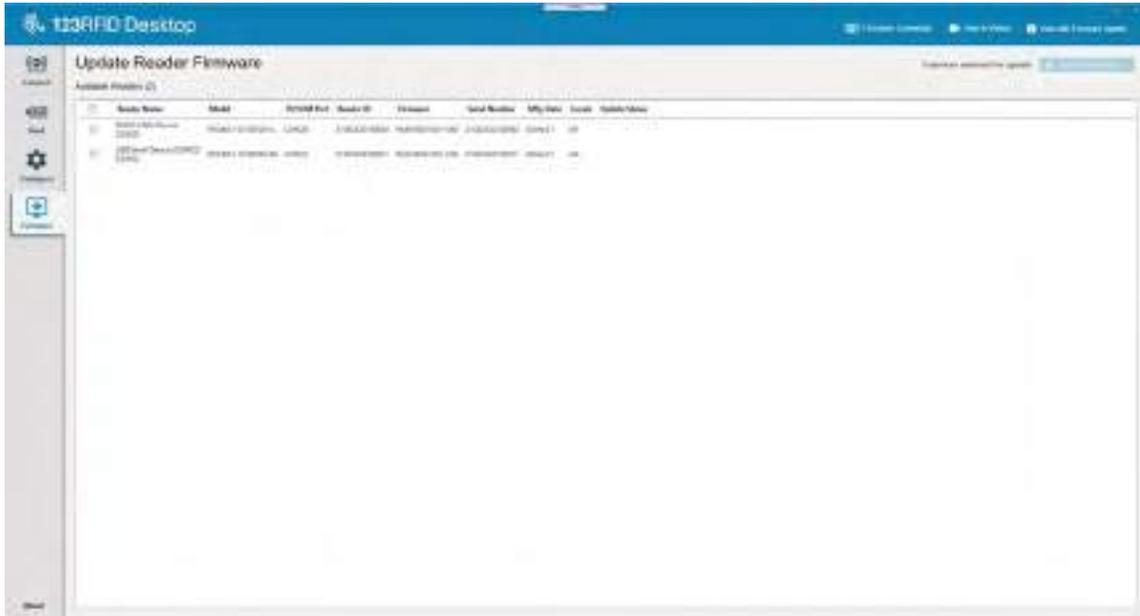
Figure 45 Save Configuration



Firmware Management

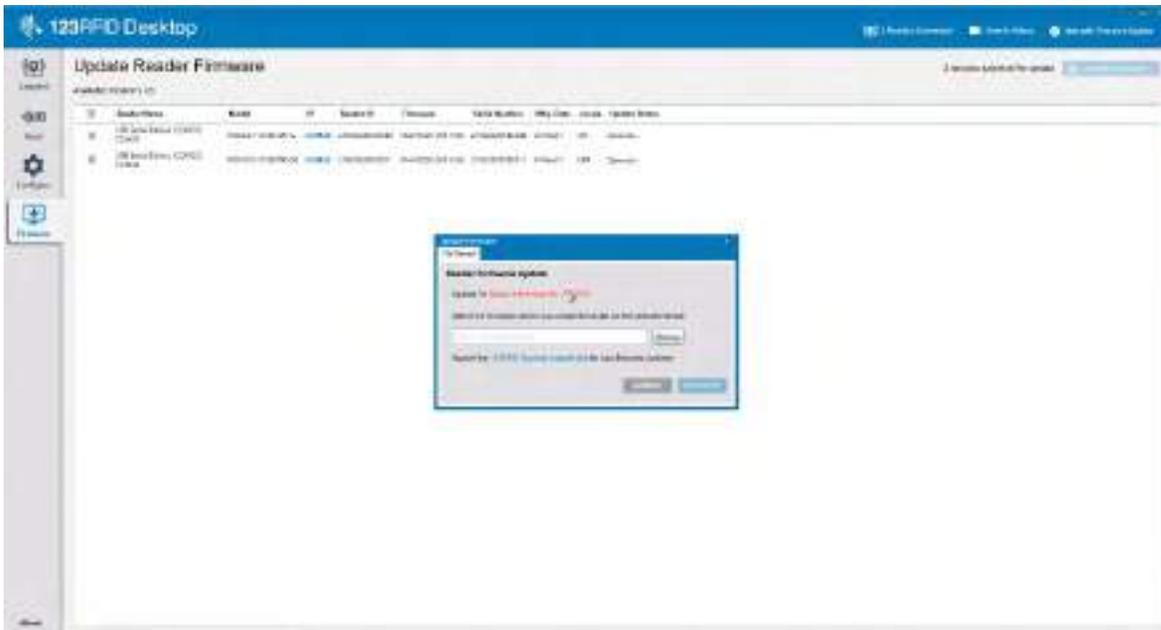
To update reader firmware on up to five devices simultaneously, select the devices on the table by clicking the associated checkbox and click the **Update Firmware** button.

Figure 46 Select Devices to Update



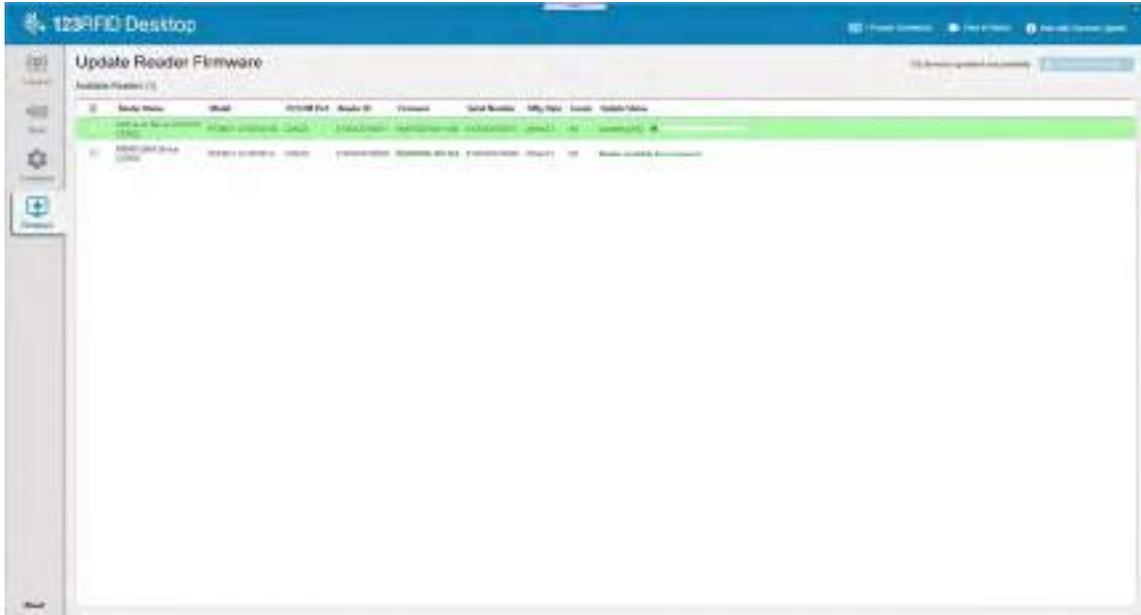
Next, the Reader Firmware Update window displays. Click Browse to select the firmware version to be enabled onto the selected device.

Figure 47 Select a Firmware Update



Once the firmware file is selected, the update starts and the progress bars next to the associated readers indicate the completion percentage of the update.

Figure 48 Firmware Update Progress



Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following model number: RFD4030

All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labeled as required.

Local language translation / Tradução do idioma local / Übersetzung in die lokale Sprache / Raduccion de idioma local / Traduction en langue locale / Prijevod na lokalni jezik / Traduzione in lingua locale / 現地語の翻訳 / 현지 언어 번역 / Перевод на местный язык / 本地語言翻譯 / 本地语言翻译 / Yerel dil çeviri / Tłumaczenie na język lokalny: zebra.com/support

Any changes or modifications to Zebra equipment not expressly approved by Zebra could void the user's authority to operate the equipment.

Declared maximum operating temperature: 50°C

For use only with Zebra approved and UL Listed mobile devices, Zebra approved, and UL Listed/Recognized battery packs.

Regulatory Markings

Regulatory markings subject to certification are applied to the device signifying the radio(s) is/are approved for use. Refer to the Declaration of Conformity (DoC) for details of other country markings. The DOC is available at: zebra.com/doc.

Health and Safety Recommendations

Ergonomic Recommendations

In order to avoid or minimize the potential risk of ergonomic injury, always follow good ergonomic workplace practices. Consult with your local Health and Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

Safety in Hospitals and Aircraft



NOTE: Wireless devices transmit radio frequency energy that may affect medical electrical equipment and aircraft's operation. Wireless devices should be switched off wherever you are requested to do so in hospitals, clinics, healthcare facilities or by airline staff. These requests are designed to prevent possible interference with sensitive equipments.

Medical Devices

It is recommended that a minimum separation distance of 20 cm (8 inches) be maintained between a wireless device and a medical devices such as pacemakers, defibrillator, or other implantable devices to avoid potential interference with the medical device. Pacemaker users should keep the device at the opposite side of the pacemaker or turn OFF the device if suspected of interference.

Please consult your physician or the manufacturer of the medical device to determine if the operation of your wireless product may interfere with the medical device.

RF Exposure Guidelines



Safety Information

Reducing RF Exposure – Use Properly

Only operate the device in accordance with the instructions supplied.

The device complies with internationally recognized standards covering human exposure to electromagnetic fields. For information on international human exposure to electromagnetic fields, refer to the Zebra Declaration of Conformity (DoC) at zebra.com/doc.

Use only Zebra tested and approved headset, belt-clips, holsters, and similar accessories to ensure RF exposure compliance. If applicable, follow the instructions for use as detailed in the accessory guide.

The use of third-party belt clips, holsters, and similar accessories may not comply with RF exposure compliance requirements and should be avoided.

For further information on the safety of RF energy from wireless devices, refer to RF exposure and assessment standards section at zebra.com/responsibility.

To satisfy RF exposure requirements, this device must be hand-use only and, where applicable use only with Zebra tested and approved accessories.

Power Supply



WARNING ELECTRICAL SHOCK: Use only a Zebra approved, Certified ITE LPS power supply with appropriate electrical ratings. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Batteries and Power Packs

This information applies to Zebra-approved batteries and power packs containing batteries.

Battery Information



CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of batteries according to instructions.

Use only Zebra approved batteries. Accessories which have battery charging capability are approved for use with the following battery models:

- Model BT-000380 (3.6 VDC, 7000 mAh)

Zebra approved rechargeable battery packs are designed and constructed to the highest standards within the industry.

However, there are limitations as to how long a battery can operate or be stored before needing replacement. Many factors affect the actual life cycle of a battery pack such as heat, cold, harsh environmental conditions, and severe drops.

When batteries are stored over six months, some irreversible deterioration in overall battery quality may occur. Store batteries at half charge in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts, and electrolyte leakage. When storing batteries for one year or longer, the charge level should be verified at least once a year and charged to half charge.

Replace the battery when a significant loss of run time is detected.

- Standard warranty period for all Zebra batteries is one year, regardless if the battery was purchased separately or included as part of the host device. For more information on Zebra batteries, please visit: zebra.com/batterydocumentation and select the Battery Best Practices link.

Battery Safety Guidelines



IMPORTANT – SAFETY INSTRUCTIONS – SAVE THESE INSTRUCTIONS



WARNING – When using this product basic safety precautions should always be followed, including the following:

The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non-commercial environment.

- Read all the instructions before using the product.
- Follow battery usage, storage, and charging guidelines found in the user's guide.
- Improper battery use may result in a fire, explosion, or other hazard.

To charge the mobile device battery, the battery and charger temperatures must be between 0°C and +40°C (+32°F and +104°F).

Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or other hazard. If you have any questions about the compatibility of a battery or a charger, contact Zebra support.

For devices that utilize a USB port as a charging source, the device shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

Do not disassemble or open, crush, bend or deform, puncture, or shred. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.

Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.

Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.

Do not modify, disassemble, or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water, rain, snow or other liquids, or expose to fire, explosion, or other hazard.

Do not leave or store the equipment in or near areas that might get very hot, such as in a parked vehicle or near a radiator or other heat source. Do not place battery into a microwave oven or dryer.

To reduce the risk of injury, close supervision is necessary when used near children.

Please follow local regulations to promptly dispose of used re-chargeable batteries.

Do not dispose of batteries in fire. Exposure to temperatures over 100°C (212°F) may cause explosion.

Seek medical advice immediately if a battery has been swallowed.

In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.

If you suspect damage to your equipment or battery, contact Zebra support to arrange for inspection.

CE Marking and European Economic Area (EEA)

Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with Directives 2014/53/EU and 2011/65/EU.

Any radio operation limitations within EEA countries are identified in Appendix A of EU Declaration of Conformity. The full text of the EU Declaration of Conformity is available at: zebra.com/doc.

Waste Electrical and Electronic Equipment (WEEE)

For EU and UK Customers: For products at the end of their life, please refer to recycling/disposal advice at: zebra.com/weee.

EU Importer: Zebra Technologies B.V
Address: Mercurius 12, 8448 GX Heerenveen, Netherlands

United States and Canada Regulatory

Radio Frequency Interference Notices

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.



NOTE: 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.

Radio Frequency Interference Requirements – Canada

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 (B)/NMB-3(B)

This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Requirements - FCC and ISED

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated in compliance with the FCC RF emission guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of fcc.gov/oet/ea/fccid.

To ensure compliance with FCC/ISED RF exposure requirement, the user shall keep the front of the RFID Device transmitting antenna at least 21 cm away from any nearby persons.

Pour assurer la conformité avec l'exigence d'exposition aux radiofréquences USED, l'utilisateur doit garder l'avant de l'antenne d'émission du dispositif RFID à au moins 21 cm de toute personne à proximité.

Limb-worn Devices

To satisfy RF exposure requirements, this device must be hand-held only and, where applicable use only with Zebra tested and approved accessories.

Co-located Statement

To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located (within 20 cm) or operating in conjunction with any other transmitter/antenna except those already approved in this filing.

Brasil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Este produto está homologado pela Anatel de acordo com os procedimentos regulamentados para avaliação da conformidade de produtos para telecomunicações e atende aos requisitos técnicos aplicados, incluindo os limites de exposição da Taxa de Absorção Específica referente a campos elétricos, magnéticos e eletromagnéticos de radiofrequência.

Este dispositivo está em conformidade com as diretrizes de exposição à radiofrequência quando posicionado a pelo menos 1,5 centímetro de distância do corpo.

Valor Máximo de SAR: 0,840 W/kg (corpo).

中国

通过访问以下网址可下载当地语言支持的产品说明书 zebra.com/support

如果配套使用外部电源适配器，请确保其已通过 CCC 认证



产品中有害物质的名称及含量

部件名称	有害物质					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
金属部件	○	○	○	○	○	○
电路模块	X	○	○	○	○	○
电缆及电缆组件	○	○	○	○	○	○
光学和光学组件	○	○	○	○	○	○
电池	○	○	○	○	○	○

本表格依据 SJ/T 11364 的规定编制。
 ○: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
 X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。(企业可在此处, 根据实际情况对上表中打“x”的技术原因进行进一步说明。

Евразийский Таможенный Союз (EAC)

Данный продукт соответствует требованиям знака EAC.



France

Cet appareil a été testé et déclaré conforme aux limites applicables d'exposition aux radiofréquences (RF).

Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné.

Les valeurs SAR les plus élevées sont disponibles sur la déclaration de conformité (DoC) disponible sur: zebra.com/doc

México

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

臺灣

低功率電波輻射性電機管理辦法

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

公司資訊

台灣斑馬科技股份有限公司 / 台北市信義區松高路 9 號 13 樓



行政院環保署 (EPA) 要求乾電池製造或進口商，需依廢棄物清理法第 15 條之規定，於販售、贈送或促銷的電池上標示回收標誌。請聯絡合格的台灣回收廠商，以正確棄置電池。

限用物質含有情況標示聲明書

設備名稱	型號 (型式)					
	限用物質及其化學符號					
單元	鉛	汞	鎘	六價鉻	多溴聯苯	多溴二苯醚
印刷電路板及電子	-	○	○	○	○	○
金屬零件	-	○	○	○	○	○
電纜及電纜組件	○	○	○	○	○	○
塑料和聚合物零件	○	○	○	○	○	○
光學與光學元件	○	○	○	○	○	○

備考 1. “超出 0.1 wt %” 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。
備考 2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。
備考 3. “-” 係指該項限用物質為排除項目。

Note 1: “Exceeding 0.1 wt%” and “exceeding 0.01 wt%” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.
Note 2: “O” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.
Note 3: The “-” indicates that the restricted substance corresponds to the exemption.

TÜRK WEEE Uyumluluk Beyanı

EEE Yönetmeliğine Uygundur.

ประเทศไทย

เครื่องโทรคมนาคมและอุปกรณ์ นี้ มีความสอดคล้องตามข้อกำหนดของ กทช .

เครื่องวิทยุคมนาคมนี้ มี อัตราการดูดกลืนพลังงานจำเพาะ (Specific Absorption Rate – SAR) อันเนื่องมาจากเครื่องวิทยุคมนาคมเท่ากับ

ซึ่งสอดคล้องตามมาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคมที่คณะกรรมการกิจการโทรคมนาคมแห่งชาติ ประกาศกำหนด

เครื่องวิทยุคมนาคมนี้ มี ระดับการแผ่คลื่นแม่เหล็กไฟฟ้า สอดคล้องตาม มาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์ จากการใช้ เครื่องวิทยุคมนาคมที่ คณะกรรมการกิจการโทรคมนาคมแห่งชาติ ประกาศกำหนด



United Kingdom

Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with the Radio Equipment Regulations 2017 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

Any radio operation limitations within UK are identified in Appendix A of UK Declaration of Conformity.

The full text of the UK Declaration of Conformity is available at: zebra.com/doc.

UK Importer: Zebra Technologies Europe Limited

Address: Dukes Meadow, Millboard Rd, Bourne End, Buckinghamshire, SL8 5XF

Warranty

For the complete Zebra hardware product warranty statement, go to: zebra.com/warranty.

Service Information

Before you use the unit, it must be configured to operate in your facility's network and run your applications.

If you have a problem running your unit or using your equipment, contact your facility's Technical or System Support. If there is a problem with the equipment, they will contact Zebra support at zebra.com/support.

For the latest version of the guide go to: zebra.com/support.

Additional Information

For information on using the RFD4030, refer to the RFD4030 product guide available at: zebra.com/support.

UHF RFID Gun *powered by Zebra*

Quick Start and Regulatory Guide

QSG 230135 A00

COPPERNIC
MOBILITY | CONNECTED DATA | ANALYTICS



| Non-Contractual Picture |

21 Rue Georges Claude - ZI Les Milles
13290 Aix-en-Provence FRANCE
T. +33 (0)4 42 65 25 55 F. +33 (0)4 42 61 57 82

coppernic.fr

SIZAS CAPITAL 30 100 000 EURO - RCS | 418 639 069 072
SIRET : 328 138 573 00011 - N°SIRET 12 - TVA : FR 49 508 304 871