HP Engage Go RFID Reader User Guide

SUMMARY

HP Engage Go RFID Reader allows you to tag your items to automatically and uniquely identify and track inventory and assets.

Copyright and License

© Copyright 2021 HP Development Company, L.P.

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

First Edition: May 2021

Document Part Number: M81894-001

Table of contents

1 Using HP Engage Go RFID Reader 1
Configuration 1
Enter RFID reader mode 1
Firmware update 1
2 Available settings 2

1 Using HP Engage Go RFID Reader

HP Engage Go RFID Reader allows you to tag your items to automatically and uniquely identify and track inventory and assets.

Configuration

Use this procedure to configure the RFID reader.

1. Press the configuration button. The RFID reader blinks and beeps once and returns the hardware and software information.
2. Wait 5 seconds, and open the RFID reader software on your computer.
3. Choose the correct PID or VID, and then select **Connect**. The software displays the current RFID reader settings.

Enter RFID reader mode

Use this procedure to enter RFID reader mode.

1. From configuration mode, select **Exit**. The RFID reader blinks and beeps once and returns the hardware and software information.
2. After a dialog box confirms a successful exit, verify \KBD is at the end of the state.
3. Enter RFID read mode.

Firmware update

Use this procedure to update the firmware on the RFID reader.

1. Press the configuration button. The RFID reader blinks and beeps once and returns the hardware and software information.
2. Wait 5 seconds, and then open the RFID reader software on your computer.
3. Select **Choose upgrade Package**, and select the package that you want to update.
4. Verify that you have the correct file selected, and then select **FW Upgrade**. A dialog box confirms a successful update, and the RFID reader beeps once.

2 Available settings

This section describes the available settings of HP Engage Go RFID Reader.

Table 2-1 HP Engage Go RFID Reader settings

Option	Description
Output format	GTIN14/EPCID/GTIN14+EPCID (default GTIN14)
Output mode	There are two available output modes: • 25 tags max mode (default): The reader holds a 25-tag EPC-ID buffer used to compare currently detected EPC-IDs to the previous record. Tags are continuously detected but returned only once, even if multiple tags are inside the RFID reader area. In this mode, the reader can read only 25 tags simultaneously. • Alternative mode: The reader continuously returns an EPC-ID if the current EPC-ID is different from the previous EPC-ID. That is, if two tags are inside the RFID reader area, the RFID reader continuously returns both tags in alternating order.
Output power	5–25 dBm (default 7 dBm).
Tag read period	500–1500 ms (default 200 ms). **NOTE:** If you set a longer read period, the RFID reader goes through all the tags inside the detection range during one read cycle but with higher power consumption and temperature.
Time-out	0–200 s (default 2 s) **NOTE:** This setting is available only for the 25 tags max mode. The RFID reader clears the corresponding buffer if it cannot detect the tag during the elapsed time-out period.
LED	• One blink: The RFID reader is in read mode or returned an EPC-ID. • One long blink: The RFID reader is in configuration mode. • Two long blinks: The RFID reader ended configuration mode.
Buzzer	• One beep: The RFID reader is in read mode, returned an EPC-ID, or ended configuration mode. • One long beep: The RFID reader is in configuration mode. • Two long beeps: The RFID reader ended configuration mode (because you pressed the configuration button).