HPR PLUS FIRMWARE UPDATE v2.00
RELEASE NOTES | MAY 4, 2020

HPR Plus Firmware v2.00:

- Removed USB-Serial (legacy) communication mode and all associated settings and options.

- Implemented clearing of Bluetooth cache after connection is closed.

- Corrected BioTherm tag temperature display format and range.

- Removed HDX cycle antenna deactivation, when HDX tags detection is disabled.

- Optimized auto tune algorithm to eliminate its effect on detection efficiency.

- Changed auto tune period from every 100ms to 200ms to reduce antenna field interruptions.

- Added numeric (NUM) tag ID display format - decimal format without "." delimiter between manufacturer ID and tag ID.

- Implemented automatic creation of new tag file, when active file size reaches 20,000 tag IDs.

- Improved buttons response when reader's screen is in "Dimmed" mode.

- Added option to switch between "Continuous" and "Unique" read mode to "Settings" menu.

- Added "cancel file(s) download" command.

- Combined "rr" (run a report now) and "vr" (get the latest report) commands into single "vr" command.

- Corrected functionality of power-saving features in "Scan" mode, when "Power-save in Standby only" option is not selected: tag detection or received command will reset the delay timers for "Auto Dim", "Auto Sleep" and "Auto Shutdown"

- Removed "Sleep" mode activation via command interface.

- Corrected "rar" (exit and restart HPR software), "rbt" (power off and back on) and "rpd" (power off) commands responses.

- Removed "Run now" from "Startup Report" menu.

- Improved "Low external power" warnings functionality.

- Corrected RF Module diagnostic menu, status and noise reports presentation: added measurements' description and replaced measurements' values with "N/A" when reader is in "Standby" mode or when measurement is not being acquired.

- Added "*" character before tag ID when downloading tag IDs from memory to distinguish from real time IDs.

- Added "Begin Download" and "Download Complete" messages when using "fd" (download a file) and "fda" (download all tag files) commands to identify the beginning and the end of the downloaded data.

- Changed log file format to be consistent with other data formats.

- Implemented minor UI improvements and name changes.

UPDATING FIRMWARE GUIDELINES

The firmware update is done by connecting a Flash drive containing the firmware file to the HPR Plus USB port. Please refer to HPR Plus User Manual page 9 for the procedure.

As a precaution, download all tag IDs contained in the reader's memory before initiating the update process. All settings might get reset to manufacturer default values during the update process, so it is recommended to take a note of the present settings prior to updating the reader.

For technical assistance please contact the Technical Services Department of Biomark at (208) 275-0011 or email customerservice@biomark.com.

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HPR PLUS FIRMWARE UPDATE v1.17
RELEASE NOTES | OCTOBER 15, 2018

o   Improved USB HID connection to address issues with data download.

o   Improved USB Serial connection to address issues with data download.

o   Optimized Bluetooth driver configuration and improved Bluetooth serial protocol to stop dropping out during data download.