USB DATA LOGGER FIRMWARE UPDATE v1.7.0
RELEASE NOTES | MARCH 7, 2019

USB Data Logger Board Firmware v1.7.0:

- o Removed "0" (disabled) option from Dual-Reader Time Sync Delay available settings, so Dual-Reader time synchronization is always enabled, when Dual-Reader Data Collection is enabled.

- o Increased receive FIFO buffer size.

UPDATING FIRMWARE GUIDELINES

The firmware update is done via Biomark Device Manager software. Please refer to USB Data Logger User Manual or Biomark Device Manager User Manual for the procedure.

All settings may be reset to manufacturer default values during the update process, so it is recommended to generate a Full Status Report (RFS command) for the reference prior to updating the USB Data Logger Board.

Firmware of all devices must be updated to the latest versions in order for the system to function properly.

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

USB DATA LOGGER FIRMWARE UPDATE v1.6.3
RELEASE NOTES | SEPTEMBER 10, 2018

USB Data Logger Board Firmware v1.6.3:

- o Changed Dual-Reader Time Sync Delay default value to 1 hour.
- o If Dual-Reader Time Sync Delay is "0" (disabled) when Dual-Reader Data Collection is being enabled, the Dual-Reader Time Sync Delay will be automatically set to the default value of 1 hour.

USB DATA LOGGER FIRMWARE UPDATE v1.6.2
RELEASE NOTES | AUGUST 12, 2017

USB Data Logger Board Firmware v1.6.2:

- o Added "CSL{bps} - Set Local Communication Port Speed" command to change local port speed.

  Note: Data Logger's firmware can only be updated if local port speed is set to 115200.

USB DATA LOGGER FIRMWARE UPDATE v1.6.1
RELEASE NOTES | JANUARY 13, 2017

USB Data Logger Board Firmware v1.6.1:

- o Added "CTL{1|0} - Set Tag Communication To Serial Port {1} On, {0} Off" command to allow sending real-time detected tag data to the Data Logger's serial RS-232 port in addition to being written to the flash drive.

USB DATA LOGGER FIRMWARE UPDATE v1.6.0
RELEASE NOTES | MARCH 17, 2016

USB Data Logger Board Firmware v1.6.0:

- o Updated to be compatible with IS1001 Application Firmware v1.6.0.
- o Updated wording in the list of commands and in status report.

USB DATA LOGGER FIRMWARE UPDATE v1.5.1
RELEASE NOTES | NOVEMBER 21, 2014

USB Data Logger Board Firmware v1.5.1:

o   Added option for creating a new file on a daily or a monthly basis.

o   Added functionality that enables Dual-Reader Data Collection automatically if the RS-232 port receives a message beginning with "TAG:", "ALM:", "MSG:", "SRP:", "NRP:" or "INF:".

o   Added an off-schedule real-time clock synchronization event in case date or time setting of the IS1001 hosting the Data Logger Board has been changed, when Dual-Reader Data Collection is enabled and Dual-Reader Time Sync Delay is greater than 0.

o   Removed "Data Logger Restart" message during power up when Dual-Reader Data Collection is enabled.

USB DATA LOGGER FIRMWARE UPDATE v.5.0
RELEASE NOTES | AUGUST 1, 2014

USB Data Logger Board Firmware v1.5.0:

o   Added Dual-Reader Data Collection feature. This feature enables collecting data from two IS1001s, from IS1001 hosting the Data Logger board and IS1001 connected to the Data Logger's RS-232 port, and combining it into a single file on external flash drive.

o   Added Dual-Reader real-time clock synchronization. To ensure integrity of the collected data, real-time clocks of both IS1001s need to be synchronized. Rate of synchronization events can be adjusted to achieve required time accuracy.