

intelleflex[®]

XC3 Technology[™]

FMR-6000
Release Notes

3.0.7.118 Release
Published Jan. 2012

COPYRIGHT© 2011 by Intellex Corporation

RESTRICTED RIGHTS LEGEND

Use, duplication, or disclosure by the United States Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013. Notwithstanding any other license agreement that can pertain to, or accompany the delivery of, intellectual property (IP), software hardware and documentation, the rights of the United States Government regarding its use, reproduction, and disclosure are as set forth in the Commercial Computer Software-Restricted Rights clause at FAR 52.227-19.

IMPORTANT NOTE TO USERS

Software, hardware and documentation are provided by Intellex Corporation as is and any express or implied warranties, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall Intellex Corporation or its affiliates, subsidiaries or suppliers be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.

Intellex Corporation reserves the right to make changes without further notice to any products and documentation herein.

TRADEMARKS

Extended Capability RFID and XC3 Technology are trademarks and Intellex is a registered trademark of Intellex Corporation. Other products mentioned in this document are trademarks or registered trademarks of their respective holders.

Caution

RFID Readers should be operated with a minimum distance of at least 32 cm between its antennas and a person's body in keeping with RF exposure limits in Council Recommendation 1999/519/EU

Intellex Contact Information

Corporate Headquarters

Web Site	http://www.intelleflex.com
Telephone	+1.408.200.6500 US Toll-Free: 1.877.694.3539
Fax	+1.408.200.6599
Customer Support	support@intelleflex.com +1.408.200.6520
Mail Address	Intellex Corporation 2465 Augustine Drive #102 Santa Clara, CA 95054

Overview

Supported Reader Models:

- FMR-6000

Official Released Versions:

- FMR-6000 Software – 3.0.7.0.114
- FMR-6000 Firmware – 3.0.750
- Desktop DLL: 3.0.7.118

Support Operating Systems:

- DLL Desktop
 - Windows 7 (x32/x64)
 - Windows XP (x32)

Supported Browsers:

- Firefox 4.x+
- Internet Explorer 7+ w/ Flash 10.2+
- Beta Level Support:
 - Safari <5
 - Chrome <12

New Functionality

DLL

1. Added abort functionality to interrupt the reader and clear the commands in the command queue
2. Added validation to prevent reading block 0 when reading log data

Reference Application

1. Added validation for push button start delay
2. Added extra validation to prevent non-numeric characters in text boxes expecting integers

Performance Application

1. Added a new application to the SDK focusing on providing performance data for users

Compatibility Notes

DLL

1. Time formatted strings now always show minutes and seconds as two digit numbers
2. Continuous log mode is now officially supported

Resolved Issues

DLL

1. Removed a few restrictions on select mask length that prevented valid use
2. Various logging fixes for inference and compressed formats
3. Fixed issue with `ColdChainGetCurrentTemperature` function when working with temperature tags prior to version 1.0.101
4. Fixed issue reading temperature log entries created after December 21 2011
5. Fix for occasional, incorrect, temperature log entries at the end of Continuous/Standard logs
6. Fixed `ColdChainReadUserData` offset to allow offsetting beyond the first block

Firmware

1. Replaced RF filters for improved standards compliance

Reference Application

1. Fixed waypoint ID box to take 32 bit decimal values only
2. Removed duplicate entries for `getLastWaypoint` and `UpdateConfigRegisters`

Open Issues

XML

1. XML triggers with the repeating value set should not set "loop" to 1

DLL

1. Setting "Extended Button Press Time" to 0 will result in unexpected behavior on the tag.
 - Workaround: Set Extended button press time >0
2. If any temperature is specified in Fahrenheit, there may be slight rounding errors during the conversion process.
 - Workaround: If needed, specify temperatures in Celsius to avoid any rounding errors.

System Wide

1. RFPProfile is not supported for C1G2 protocol. When C1G2 is selected the same settings will be used for all profiles: Miller 4, BLF 160, and ForwardLink 80.
 - Workaround: Users can override RFPProfile settings by using advanced/expert features.
2. Following combination of parameters for backscatter and Miller don't work:
 - Backscatter:192
 - Miller: 4

Web Pages

1. Web browser does not update the temperature delta field with tag already running
2. Web page profile for "Speed Test" does not exist in APIs
 - Workaround: To match the Speed Test profile use the following values
 - Miller 4
 - BLF 320
 - Forward Link 128

-
3. When upgrading through the website, pressing the upgrade button the browser will clear the screen and present the browser with an empty page. This is normal and the reader is upgrading. While upgrading your reader do not interrupt the power to the reader, this goes for any method used to upgrade the reader. Once the reader has finished with the upgrade process it will automatically restart and will be available for use (you will need to re-enter the readers IP address in the browser to continue use), the entire process takes approximately five minutes.

DLL Reference Applications

1. Application profile for "Speed Test" does not exist in APIs
 - Workaround: To match the Speed Test profile use the following values
 - Miller 4
 - BLF 320
 - Forward Link 128