



M6 and Astra-EX Firmware v4.19.2 Release Notes

These release notes describe the features of M6 and Astra-EX firmware (FW) ver. 4.19.2 for the M6 and Astra-EX reader relative to version 4.19.1. The version of the MercuryAPI required to support the full features set of this firmware is MercuryAPI v1.19.1 or later.

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For a full description of how to use the M6 and Astra-EX readers, refer to The M6 and Astra-EX User Guide, available at <http://rfid.thingmagic.com/devkit>

New Features

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This firmware version is a maintenance release focus on fixing bugs and improving stability. There are no new features.

Fixed Bugs

This release of firmware has fixed the following reported bugs.

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- ◆ Calling StartReading (or LLRP START_ROSPEL) immediately after stopReading (or LLRP STOP_ROSPEL) can lead to a threading deadlock and hang the reader.
- ◆ Timing errors on network KEEP_ALIVE_MESSAGES can cause connection drops and result in LLRP Receive Message Failed errors.
- ◆ Missing NTP startup script can cause NTP service to not start properly.
- ◆ Web Interface Query applet will not connect after Java VM update to version 21 or later.
- ◆ Web Interface Reset Statistics time always resetting to 1970.
- ◆ Reader won't connect using DHCP to WiFi Access Point with security disabled.
- ◆ Persistent Gen2 setting changes through the Web Interface are not used after reboot.
- ◆ Web Interface Test Wifi function sometimes incorrectly reports success.
- ◆ Repeated log warnings during normal/stable operation: 'tmmpd.bin: WARNING: unlink("") failed errno 2 (No such file or directory)'

Open Issues

This release of firmware has the following known operational issues.

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- ◆ When using the Ethernet interface with fallback interface set to wired and a fallback static IP address set the reader will still use local addressing instead of the static IP address.
- ◆ During boot reader status LED will turn green several seconds before the Web and LLRP interfaces are accessible.
- ◆ When setting the web interface option to “Secure Web Only” Chrome and IE browsers don’t load properly.
- ◆ Web Interface Query applet does not work in Internet Explorer if Compatibility Mode is enabled, it displays "Please upgrade IE browser to supported version : 8 or later". To disable uncheck the following options in IE Tools | Compatibility View Settings:
 - Display intranet sites in Compatibility view.
 - Display all sites in compatibility view