

PacketFlux RackInjector
Interim Firmware Release 07 May 2018 (20180507)
Release Notes

This firmware release is intended as an interim release to correct minor bugs and shortcomings we have discovered since the launch of the RackInjector.

The major items which have been corrected and/or added since the original RackInjector firmware release are:

- Support for the Cambium Sync and Polarity Agnostic Injection Cards.
- Support for proper display of GPS status from newer GPS+GLONASS SyncBox GPS receivers.
- Ability to view, download, and clear the system log.
- Addition of Ethernet Statistics and System Uptime in the Web Interface.
- Addition of a Ping Watchdog functionality to automatically reset the RackInjector if it loses connectivity.
- Update of system TCP/IP stack to the latest from the TCP/IP stack vendor.
- Fix of a factory reset bug where the unit would not reset correctly to factory defaults.
- A bug where the web server on the RackInjector would keep open connections indefinitely has been resolved.
- Numerous minor fixes to improve stability and/or usability.

In all, approximately 50 internal tickets have been resolved in making this firmware.

This document will provide information on how to upgrade a device to the latest firmware and utilize the new features.

Upgrading RackInjector Firmware.

Note: *This procedure only applies to devices running versions prior to 20180506. If you are running a later version, please refer to the Firmware Operation Manual for the version you are running.*

To upgrade the RackInjector firmware, complete the following steps:

1. Download the latest firmware from the PacketFlux website.
2. Log onto the RackInjector web interface.
3. Click on the 'Firmware Upgrade' menu selection on the top. This will select the Firmware Upgrade page.
4. On the 'Upload Firmware File' tab, click on the 'Choose File' button. Select the file which you downloaded from the website.
5. Click on 'Upload Firmware File' button. The firmware file will be uploaded to the RackInjector. After the RackInjector processes the upload, the firmware will appear on the list in the 'Existing Firmware Files' section.
6. Once the firmware appears on the list, click on the Checkmark next to the firmware file to select the file for upgrade. The status of this firmware file will change to 'Run After Reboot'.
7. Click on the 'Reboot RackInjector' button.

8. The RackInjector will reboot. Once it has completed its reboot process, the Status of the firmware file you selected will change to 'Currently Running'.
9. Click on refresh in your web browser to load the most recent version of the web interface. If you do not perform this step, the web interface will not update, and it will not appear that anything has changed.

Once you have completed these steps, you should see that the running firmware version on the Firmware Upgrade Page is listed as 2018-05-06.

Operation of this firmware is covered in the RackInjector Firmware Operation Manual for Firmware version 20180506.