



7700 Riverfront Gate
Burnaby, BC
V5J 5M4, Canada
T: 604 436 5900
F: 604 436 1233
www.alpha.ca

member of The  Group™

FXM Ethernet Card Software v2.00.01

AlphaTechnologies is pleased to announce the release of our newest firmware upgrade for FXM Ethernet card.

Compatibility:

This software is intended for and tested with FXM/Micro units that have firmware V1.07 or later installed.

If you have FXM/Micro with older firmware (before V1.07 release), please upgrade your units with the latest firmware via RS232 before installing this software. Latest FXM/Micro firmware can be downloaded at www.alpha.ca/downloads. Ethernet card software can be upgraded via web interface after that.

Specifically, the Ethernet Card software v2.00.01 was designed to work with FXM software V2.00.01.

To take advantage of the new features in this software, the FXM/Micro should also be upgraded to version 2.00.01.

New Features and Improvements:

- Make configurable the AVR/Quality thresholds for 230V units
- Make Inverter cutoff thresholds configurable
- Make Automatic Frequency detection configurable
- Add the Unit Name in the Event Log History page

Known Issues:

- This software has been tested with Internet Explorer versions 7, 8 and 9, Firefox versions 12, 13, and 14, Google Chrome versions 20 and 21, and with Safari 5. There are some cosmetic issues with scrollbars covering up values in the dropdown boxes, for example on Relay and Load Shed page. This does not affect functionality and settings still can be modified. These issues may be avoided by using Internet Explorer (in regular or compatibility mode), or an IE emulator within Firefox and Google Chrome. Currently we do not know any solutions that will work on Safari.

- Displaying all events currently available on FXM/Micro on **Event Manager -> All Events** page might take up to several minutes, (worst case maximum number of events – 200). Please stay on **All Events** page while events are being received. If you navigate away from the page, all events that have been received will be lost.
- Using **File -> Save As** to save event log does not work.
- To save event log on **Event Manager -> All Events** page, after clicking **Get Events** has to be done by either using **File -> Print** and selecting printer or document writer, or right-clicking to **Select All** then copy and paste into any text editor to save as a text file. You might have to use Internet Explorer browser in compatibility mode, or install IE tab for Firefox or Google Chrome in order to have this feature work. This feature has been tested with Microsoft XPS Document Writer and Microsoft Office Document Image Writer.
- Saving event log on **Event Manager -> All Events** page by either printing or selecting all does not work on Safari.
- Keep Alive power reset does not work as expected in those rare cases when AC power is lost or regained in the middle of power reset.
 - If output is shutdown while AC is available, but AC line is lost before power to the equipment is restored, UPS will NOT provide output and stay in STANDBY until either inverter is turned on manually or AC line is returned.
 - If output is shutdown while UPS is running in INVERTER mode, and AC line comes back before the power reset action is completed, output to the equipment will be provided as soon as AC line is qualified.
- If your FXM/Micro has firmware older than V1.07 installed, upgrading Ethernet card with this software will cause FXM to lose communication with Ethernet card. In order to restore communication you will need to upgrade your FXM/Micro with the latest firmware using serial port. To check your FXM/Micro firmware version go to **UPS Specification -> MCU/FXM SW Version**. To check your Ethernet Card software version go to **UPS Specification -> Com Module SW Version**. In order to avoid compatibility/communication problems between FXM and Ethernet card, we recommend that you have the same software version of both installed. Visit www.alpha.ca/downloads page for the latest software downloads.
- Some web pages might not update properly if your FXM/Micro unit name is empty. To check if the name is missing and to set the name go to **UPS Maintenance -> Unit Configuration -> Unit Name/ID**.
- If you set your IP to be dynamic, you will not be able to see the dynamically acquired IP on LCD status menu.
- If you want to receive email notifications, you must enable anonymous authentication in the SMTP server to allow the FXM to email anonymously. FXM communications module currently does not pass authentication details to the SMTP server.

Upgrade procedures using the Web Browser:

1. Connect your computer and FXM/Micro by way of the Internet, Intranet, or Ethernet direct connection (cross-over cable).
2. Log into web interface, and select the [Upgrade Files -> Upgrade Com Module](#).
3. Browse to the location of the .ezip file to use for the upgrade, then click on [Send File](#).
4. It might take a few minutes for the software to upload and install. Ethernet card will reset at the end of the upgrade.
5. Once software upgrade is finished, select [UPS Specification](#) to verify that Com Module SW Version displayed is the installed one.

You have now successfully upgraded the FXM Ethernet card. Thank you for choosing Alpha Technologies