



MFC-8322-S

Frame Controller with Networking

Software version 3.03a
September 29, 2020

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openGear Release Notes

Version 3.03c released on 2020-09-23

- New alarm added for incompatible PSU in a frame.
- Fixed error that calculated the incorrect maximum power for the frame.

Version 3.03a released on 2020-03-03

Fixes to alarm filtering and reporting causing door LED to not report errors.

Version 3.03 released on 2019-09-09

- HW alarms related to Power Supplies are moved to Frame status to respective PSU status
- PSU max fan threshold has been made 15000 rpm from 14000rpm

Version 3.02 released on 2019-04-05

Fixed error where the Fan Door Open alarm may not be properly cleared when the door is closed.

Version 3.01 released on 2018-11-19

Alarm now sounds if door is opened for more than 300sec

Version 3.00 released on 2018-04-22

This version adds support for the OGX frame.

Fan control upgrade

Shaw Fan Control ID in DashBoard.



openGear Release Notes

LED control manager upgrade

- LED mc34844 HW initialization
- User can customize glow and choose LED color
- Flashes on error option added
- LED preset theme option added
- Three LED mode specified: 1) Off, Frame Status 3) Solid color
- Updates LED state based on alarms, fan id, frame state
- LED flash support to find the frame
- Finds highest Alarm severity state and updates LED

PSU upgrade

- Finds PSU model and serial no
- Finds max power used by each PSU
- Shows frame power capacity

Security upgrade

SSH enable/disable option added.

New dashboard parameters added

- Finds mid plane id
- Checks if the frame is 10 slot variants or not
- Finds frame product name such as OGX or OG3 variant

Version 2.10 released on 2014-05-22

Feature Enhancements

Boot loader support for issue B of Atmel AT91SAM7X512

Adds one wait state to program flash memory access. Bumps version number reported on serial port from "1.1.0" to "1.2.0".



openGear Release Notes

Prevent uploads prior to version 2.10 on issue B of Atmel AT91SAM7X512

Sets the “ZuesPack” hardware compatibility to 1.0.255.255 starting at this version. Prevents uploading previous builds with hardware compatibility set to 0.0.255.255.

Version 2.01 released on 2013-09-18

Corrections since 2.00

33899 - LCD display may be corrupted

LCD display on the fan door occasionally got corrupted. Now this issue has been fixed.

False alarms of power supply are being filtered out

The false alarms of power supply occasionally happened. Now the filters are being placed to prevent these false alarms.

Version 2.00 released on 2012-12-14

Initial release for MFC-8322-S

Initial release for the MFC-8322-S network controller and OG3-FR high power frame. Compared to the previous DFR-83x0 series frames, the new design offers;

1. Higher total power (350W versus 150W)
2. LCD display on front door for status reporting

The MFC-8322-S supports all functionality of previous MFC-8320-S controller.