

AJA OG-3G-AMA – Release Notes v1.4

Release software v1.4 for OG-3G-AMA

Introduction

OG-3G-AMA openGear card v1.4 software is a maintenance release. It is highly recommended that you update to this version of software.

Be sure to consult the Installation and Operation Guide (user manual) for detailed information about features and configuration guidelines. The most current documentation can always be found on the [OG-3G-AMA Support Page](#).

Features, Updates and Improvements in v1.4

Version v1.4

- Signal rates now shown in Fields instead of Frames when processing Interlace signals on the Input and Output.
- Resolves an issue where PsF signals were being displayed as interlaced or incorrectly.

Features, Updates and Improvements in Previous Releases

Version v1.3.1

- Video and audio outputs are now muted when no active SDI input video signal is detected.
- Added power LED functionality to follow the state of the card as displayed in the dashboard. The power LED will now illuminate yellow if there is a yellow dashboard alarm, red if there is a red dashboard alarm, and green if no alarms are present.
- Added an identify checkbox to the Setup Tab. This feature will force the power LED to blink orange so it can be easily identified for service.

Version v1.2.5

- Updated the FPGA, and FW numbering to comply with Ross Video's versioning system to avoid a warning message during software upload.

Version v1.0.0

- Initial Firmware release for OG-3G-AMA
- openGear compatible card
- 3G-SDI Embedder/Disembedder
- 8-Channel Balanced Analog Audio I/O
- Controlled by DashBoard network control software and external DIP switch
- 8x 3-Pin Terminal Block connectors (included)
- Power: 5.0 watts
- Input Present and Input SMPTE Lock LEDs
- Hot-swappable
- Compatible with OGX, OG3 and DFR-8321 openGear frames
- Five-year warranty
- DashBoard Support with Smart Control:
<http://www.opengear.tv/dashboard-software>
- For additional information, please refer to the OG-3G-AMA section of the AJA website:
<https://www.aja.com/products/og-3G-AMA>

DashBoard Initial Setup, Control and Updating Firmware

Note: DashBoard software (free) is needed to update FW, configure and monitor AJA openGear DashBoard supported cards.

1. Check the AJA website for new software for your OG-3G-AMA. If new software is found, download it and uncompress the file archive (zip). <https://www.aja.com/category/rackframes#support>
2. Click the Upload button in the lower panel of the DashBoard Control System to open the Upload Software Wizard.
3. From the Upload Software Wizard window, select Browse.
4. Navigate to the location of the downloaded .bin file containing the software update. Select the .bin file, then select Open. The Upload Software Wizard window displays characteristics of the selected file for uploading.
5. Click Finish.
6. When the progress bar indicates that the uploading is finished and status indicates "Complete," click OK.

7. To verify the version of software or firmware currently installed on your card, select the Card tab from the center panel of DashBoard.

NOTE: Before the upload begins, DashBoard will erase the firmware on the card, taking approximately 20 seconds.

Technical Support

AJA Technical Support is free and available to help you answer questions or resolve issues with any of your AJA products.

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