

# AJA OG-ROI-SDI – Release Notes v1.0.5

## Release software v1.0.5 for OG-ROI-SDI

### Introduction

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This is the initial release of firmware shipped with AJA’s OG-ROI-SDI openGear card (version 1.0.5).

### OG-ROI-SDI Features

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- Initial Firmware release for OG-ROI-SDI openGear card
- openGear compatible card
- Scan Converter
- 3G-SDI input with loop-through
- 3G-SDI and HDMI 1.4 outputs
- Supports SD, HD, and 3G formats (see Tech Specs for complete list)
- Region of interest scaling
- Up/down/cross conversion
- Aspect ratio conversion
- Frame rate conversion
- Image H/V flip and 90 degree rotation
- Supports 8 channels of embedded audio
- 2 channel analog audio output of disembedded audio (2x 3-Pin Terminal Block connectors included)
- Sync reference selection (External, openGear frame, or Free-run)
- Remote control over Ethernet using DashBoard network control software
- Hot-swappable
- Compatible with DFR-8321, OG3 and OGX openGear frames
- Five-year warranty
- For additional information, please refer to the OG-ROI-SDI section of the AJA website:  
<https://www.aja.com/products/og-roi-sdi>

## DashBoard Initial Setup, Control and Updating Firmware

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*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-ROI-SDI. 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

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

### **To contact AJA Technical Support:**

Email: [support@aja.com](mailto:support@aja.com)

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Fax: +1-530-274-9442

Web: [www.aja.com/support/contact](http://www.aja.com/support/contact)

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