

AJA IPR-1G-SDI

Release Notes - v1.0

General

This is the initial release of firmware for IPR-1G-SDI.

Key Features

- Converts VSF TR-01 and other JPEG 2000 over MPEG2-TS formats to SDI
- 2x 3G-SDI BNC output with 4:2:2 10-bits/pixel
- 2 channels of audio embedded in SDI (up to 8 in a subsequent release)
- Additional 2 channel RCA analog audio output
- 1x RJ-45 (IEC 60603-7) for 10/100/1000Base-T Ethernet Control Port for network (LAN) control and status
- 1 x RJ-45 (IEC 60603-7) for 10/100/1000Base-T Ethernet Media Port
- Media Port capable of controlling the unit
- Essence support: VSF TR-01 and other JPEG 2000 over MPEG-2 TS workflows
- Full 10-bit pixel processing pipeline
- Quick network setup with AJA eMini-Setup software:

<https://www.aja.com/family/software#eminisetup>

- For additional information, please refer to the IP-1G-SDI section of the AJA website:

<https://www.aja.com/products/mini-converters/ip-converters>

Installing and working with AJA eMini-Setup

AJA eMini-Setup is the easiest way to set up your IPR-1G-SDI Ethernet equipped Mini-Converter to work on the network .

Available for Windows and macOS, AJA eMini-Setup also allows for easy firmware updating over the USB Config port using a supplied USB cable.

Step 1:

- Acquire eMini-Setup from the AJA website:
 - <https://www.aja.com/family/software#eminisetup>

Step 2:

- Install eMini-Setup:
 - Unzip the Installer
 - Run the .dmg file on macOS or the .msi file on Windows

Step 3:

- Connect Power to your AJA Ethernet equipped Converter

Step 4:

- Connect the USB Config cable to the Computer running eMini-Setup

Step 5:

- Open eMini-Setup and Configure the device's network settings

Note: DHCP will be enabled by default, and if the device is connected to a DHCP server the IP address field will populate

Step 6:

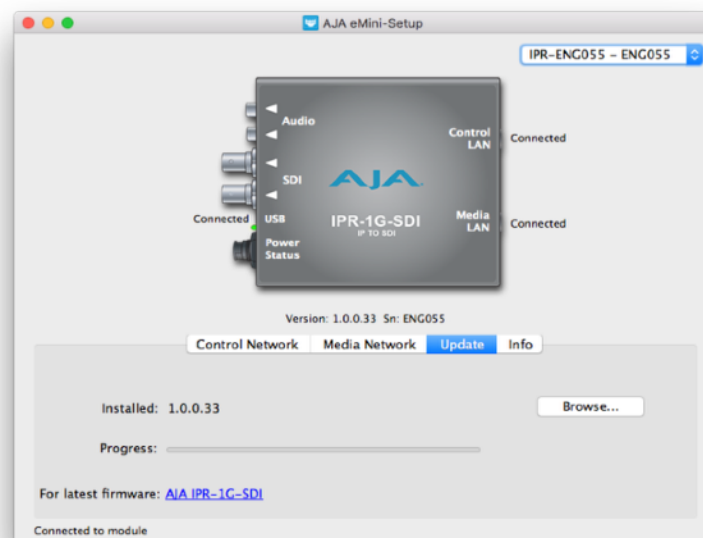
- Type in (or Copy/Paste) the IP address into a Browser Window
 - This will get you into the web based GUI for your AJA device

Step 7:

- Use the Web GUI to fully configure, control and use your AJA Device

Updating IPR-1G-SDI Firmware

1. Check the AJA website for new firmware: <https://www.aja.com/products/mini-converters/ip-converters#support>
2. If new software is found, download it and uncompress the file archive (.zip).
3. Connect the device to a Mac or PC via a USB port on the computer.
4. Click the Update tab. Click the Browse button. Navigate to the firmware (.ajas extension), open it, and confirm the update. Progress will be shown via the "Progress" bar.



5. After the update, the AJA device must be rebooted by clicking on the Reboot button in the prompt window.

Technical Support

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

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Web: www.aja.com/support

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