

# AJA HELO v2.1 Release Notes

## HELO Firmware v2.1

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- Your HELO device will ship with firmware pre-loaded.
- AJA's [eMini-Setup application](#) allows for quick configuration and firmware updates using an included USB cable.
- AJA recommends using the most current firmware available on the AJA support site.
- For support information, manuals, firmware and eMini-Setup please visit [www.aja.com/products/helo#support](http://www.aja.com/products/helo#support)

## New Features

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- Closed Captions from SDI sources can now be streamed
- Added support for HLS (HTTP Live Streaming)
- Added option to squeeze or crop 2048x1080 input on SDI
- Supports start of streaming of test pattern in the absence of video input signal

## Improvements and Enhancements

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- Improved performance with firewall for RTSP by using RTSP over TCP
- Support added for up to 10 RTSP clients
- Video preview performance has been improved
- Fixed channel swap of analog audio output
- Resolved instances where HDMI audio was not passed for streaming & recording from certain sources
- Metadata required by certain CDNs for proper audio streaming has been added
- Aspect ratio selection now works as expected
- Corrected issue where a space in a share name could result in "Media Full" error
- Fixed issue where HELO would limit file size on some NAS storages to 2GB
- Improved input detection of HDMI & SDI sources

- Resolved issue with cut & paste in the Scheduler
- Enhanced streaming quality at lower bit rates
- Added the use of DNS resolution for RTP hostnames

## Known Issues and Limitations

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- Higher performance media is required for recording .MOV and .MP4 files of longer durations. Please refer to "HELO Media Recommendations" for guidelines on optimal media for recording.
- The HDMI output is a monitor/proxy output related to the encoders output, and may not be suitable for rebroadcast.
- The SDI output is a loop of the SDI input, and not an output from the Encoder.
- The HDMI input cannot be viewed on the SDI output.
- Interlaced video input is de-interlaced to progressive before encoding.
- PsF sources may not appear as valid inputs (SDI input only).

## Technical Support

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

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Fax: +1-530-274-9442

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

AJA Technical Support can be contacted in several ways: