

iAM-12G-SDI Software Release Notes

RELEASE VERSION – 1.17.7

Release Date: **March 9th, 2026**

RELEASE FEATURES

- Modified AoIP Transmission to allow 32 channels to transmit. The first 16 channels (CH1 to CH16) are a copy of the audio channels currently being monitored. The second group of 16 channels are the same audio channels with volume control enabled (i.e. in post-fade).
- Modified Dolby Decoder that is being used on this platform.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.12.17

Release Date: **February 28, 2024**

RELEASE FEATURES

- Fixed audio splat issue during Source Select and Preset change.
- Include hardware monitoring to monitor any hardware malfunction. This also monitors the kernel and drivers in the system for any malfunction. A recovery attempt is made and if the system cannot be recovered the watchdog resets the unit to make it functional within 30 seconds.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.12.6

Release Date: **October 18, 2023**

RELEASE FEATURES

- Fixed issue with MPEG-H metadata display with SDI streams with specific MPEG-H control configurations.
- Added ability to define per-channel audio delay of up to 42 ms in a Preset.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.12.5

Release Date: **October 18, 2023**

RELEASE FEATURES

- Fixed issue with Invalid message shown on System Info tab of WebUI.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.12.4

Release Date: **July 14, 2023**

RELEASE FEATURES

- Added MPEG-H Production monitoring support.
- Fixed issue with Dolby-Digital data rate being displayed incorrectly.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.10.43

Release Date: **September 16, 2022**

RELEASE FEATURES

- Added support for restricted access functionality. 2 forms of restricted access are supported, passcode based and no-access.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.10.39

Release Date: **September 8, 2022**

RELEASE FEATURES

- Simplified Import/Export Functionality on the Web interface.
- Added ability to append “Preset Tag Name” in the exported Preset filename.
- Resolved issue with fluctuating meters with certain audio frequencies.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.10.26

Release Date: **May 23, 2022**

RELEASE FEATURES

- Volume reference settings was added to the Front Panel configuration options to control the attenuation level of internal speakers.
- The volume bar indicator on the Front Panel now updates at every knob detent and ranges from 0 to 1023.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.10.22

Release Date: **March 1, 2022**

RELEASE FEATURES

- Fixed issue with rotary knob volume jump with certain type of encoders.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.10.16

Release Date: **Nov 30, 2021**

RELEASE FEATURES

- Fixed issue with Dolby-E metadata display.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.10.0

Release Date: **July 29, 2021**

RELEASE FEATURES

- Added Dolby Metadata display on Web interface besides Audio Meters tab for remote viewing.
- Added Dolby icon on remote meters and signal name on the bottom of the remote meters.
- Support for HDR detection and display on Front Panel signal status.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.9.19

Release Date: **July 7, 2021**

RELEASE FEATURES

- Resolved issue with Dolby Zoom channels not being mapped properly to the speakers when doing a Dolby Zoom through Preset.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.9.9

Release Date: **June 9, 2021**

RELEASE FEATURES

- Added Dolby-ED2 misalignment reporting in Dolby Metadata.
- Fixed issue with Presets not being preserved after an upgrade from any release prior to 1.9.3.
- Fixed issue with AES Dolby detection.
- Fixed issue with Speaker assignment changes from front panel not taking effect when in Presets.
- Renamed SDI Out/Pair-x on Output Routing tab to Video Out SDI/Pair-x to indicate that the settings do apply to rear panel Video Out SFP slot.
- Since Advance Output Configuration for Presets are supported from version 1.9.3 and above, the Presets that might have been created before the 1.9.3 release will default to Global Output Routing configuration. Any changes to Global output routing configuration will affect how the outputs behave for these Presets. Users are recommended to edit their existing presets and change the output routing configuration as per their needs.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.9.3

Release Date: **June 2, 2021**

RELEASE FEATURES

- Added support for more advanced Output routing configurations. This allows any metered channel to be mapped to any channel on the outputs listed below.
 - 16 channels of Analog DB-25 outputs
 - 2 channels of Analog XLR outputs
 - First 8 channels of SDI output through Rear Panel SFP - marked as “Video Out”.

Included in this feature are advanced settings such as “Mute on Headphone insertion”, “Follow Volume/Balance control”, “Follow Solo/Mutes on the front panel”, etc.

- Prior Output Configuration from front panel for Analog DB-25 and Analog XLR's has been replaced by the advance output routing configuration noted above.
- Support added for preset replication from a master unit to multiple iAM-12G-SDI units on the network.
- Fixed issue with certain Dolby Streams that caused the decoder to go into a failed state.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.8.2

Release Date: **May 4th, 2021**

RELEASE FEATURES

- AoIP Option card support which allows below monitoring options:
 - 64 channel AoIP monitoring (either Dante or Ravenna).
 - 64 channel MADl monitoring (either Co-ax or Optical).
 - 8 channel of Analog monitoring over DB-25
 - 2 channels of Toslink monitoring
- Support for creating AoIP presets.
- Support for downloading Unit Logs from Web Interface.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.7.3

Release Date: **Jan 18th, 2021**

RELEASE FEATURES

- Support for ATMOS Object Visualizer, providing Top view and Front View for the visualizer screen.
- Added support to upgrade iAM-12G-SDI unit from Web.
- Added support to upgrade multiple units on the network from a single master unit.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.6.26

Release Date: **Dec15th, 2020**

RELEASE FEATURES

- Resolved issue with certain flickering LCD video screens.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.6.15

Release Date: **October 26th, 2020**

RELEASE FEATURES

- Support for creating Dolby Presets to mix Dolby decoded channels with other inputs. This also allows an automatic decoding of encoded channels that are received over the configured input pair.
- Support for changing Analog output reference level from the Front Panel.
- Resolved issue with video not being displayed for certain resolutions after a soft reboot.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.5.21

Release Date: **September 24th, 2020**

RELEASE FEATURES

- Support for advance output configurations. DB25 outputs can now be configured to mute on headphone insertion and also to follow user solo/mutes.
- Configuration for XLR outputs to mute on headphone insertion.
- Fixed layout issue on Preset management Web page.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.5.14

Release Date: **September 14th, 2020**

RELEASE FEATURES

- Bypass encoded PCM samples from being sent to DSUB outputs.
- Support for displaying various Dolby codecs (DD, DD+, DD+ with ATMOS, DE, DED2v1 etc.) while in Dolby Zoom mode.
- Changes in Amplifier configurations for internal speakers. Speaker options in Front Panel menu can be used to tune the speakers further.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.5.3

Release Date: **August 3rd, 2020**

RELEASE FEATURES

- Support for Remote meters from Web.
- Support for Loudness meters from Web.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.4.0

Release Date: **April 30th, 2020**

RELEASE FEATURES

- Import and Export presets from Web.
- Integrated latest Dolby PWK release. Added support for ED2 codec.
- Support for various Dolby decoder configuration settings from Front Panel and through Web.
- Support for 12G Fiber SFP.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).

RELEASE VERSION – 1.2.2

Release Date: **March 3rd, 2020**

RELEASE FEATURES

- Loudness and Phase Indicator on Front Panel.
- Ability to modify Loudness and Phase indicator settings from Web.
- Always Mute option added for XLR's and DB25 outputs.
- Layout changes on Web.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Import and Export of Presets will be supported in future release.
- SDI video can freeze while doing rapid SDI format changes. A work around to recover from this state is to select a source that doesn't have any input connected (e.g. SFP-4 => SDI if it's not being used) and then switch back to original source.
- Rear Panel SFP supports 3G Level-A Video and 16 channels when using 829083 SFP (Selected SDI out SFP). While using 829155 SFP (HDMI out) the unit currently supports 1080p59.94 video and 2 channels of audio (the first 2 channels of whatever is being monitored).
- ED2 decoding will be supported in upcoming release.
- Metadata displayed on Dolby zoom is correct for metadata included but does not cover the full set of metadata.

RELEASE VERSION – 1.1.3

Release Date: **January 10th, 2020**

RELEASE FEATURES

- iAM-12G-SDI Web enhancements: Support for Favorite Presets on Dashboard.
- Fixed issue with certain Web pages on Firefox.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Import and Export of Presets will be supported in next release.
- SDI video can freeze while doing rapid SDI format changes.
- Rear Panel SFP supports only Video out.
- ED2 decoding will be supported in upcoming release.
- Metadata displayed on Dolby zoom is correct for metadata included but does not cover the full set of metadata.

RELEASE VERSION – 1.1.1

Release Date: **December 26th, 2019**

RELEASE FEATURES

- iAM-12G-SDI Web Interface support to control and configure the device.
- Allows creating Presets from Web and recalling the same from Front Panel and Web. Presets can be used to monitor a combination of various input signals.

KNOWN LIMITATIONS

- iAM-12G-SDI Web interface is supported on Chrome and Firefox browser. Support for other browsers will be available in upcoming releases.
- Import and Export of Presets will be supported in next release.
- SDI video can freeze while doing rapid SDI format changes.
- Rear Panel SFP supports only Video out.
- ED2 decoding will be supported in upcoming release.
- Metadata displayed on Dolby zoom is correct for metadata included but does not cover the full set of metadata.

RELEASE VERSION – 1.0.32

Release Date: **December 6th, 2019**

RELEASE FEATURES

- Support for XLR and DB25 prefade and postfade. XLR outputs will always follow the user mute, unmute and solo while the DB25 won't.
- Add delay in starting software upgrade in case the Dolby decoder module is installed.

KNOWN LIMITATIONS

- SDI video can freeze while doing rapid SDI format changes.
- Rear Panel SFP supports only Video out.
- ED2 decoding will be supported in upcoming release.
- Metadata displayed on Dolby zoom is correct for metadata included but does not cover the full set of metadata.