

iVAM2-2 Software Release Notes

RELEASE VERSION – 1.8.6

Release Date: **January 20th, 2026**

RELEASE FEATURES

- Fixed issues with MADI input when using Net Insight as a source.
- Fixed MADI signal issue fix when system clock reference is other than MADI.
- Changes in Front Panel to skip sources for the hardware options that are not installed.
- Added ability to DIM volume using the Volume Knob.

KNOWN LIMITATIONS

- The SDI out of iVAM2-2 is 1920x1080 (3G) if the RMoC SDI input is 6G or higher.
- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browsers.

RELEASE VERSION – 1.7.3

Release Date: **June 9th, 2025**

RELEASE FEATURES

- Added support for Balance Control setting in Output routing. The user can now configure if the outputs should be affected by the balance control knob or not.
- Added support for RMoC option card. The BNC input can be selected using SDI-3 and the SFP input of RMoC can be selected using the SFP-2 option.
- Added support for MAVRIC audio probe and audio-video probe.

KNOWN LIMITATIONS

- The SDI out of iVAM2-2 is 1920x1080 (3G) if the RMoC SDI input is 6G or higher.
- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browsers.

RELEASE VERSION – 1.3.41

Release Date: **October 15th, 2024**

RELEASE FEATURES

- Added support to adjust the color range for meter scales. These ranges can be adjusted from the front panel interface.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.39

Release Date: **May 31st, 2024**

RELEASE FEATURES

- Added audio bass improvements to internal speakers.
- Changed the default netmask to 255.255.0.0 after factory reset.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.36

Release Date: **March 25th, 2024**

RELEASE FEATURES

- Added support for per-channel delay.
- Provide capability to select SFP-2 and SFP-3 inputs from Front Panel if the SFP option card is installed.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.35

Release Date: **February 28th, 2024**

RELEASE FEATURES

- Added Front Panel source select options for 829171-1 Option card to support AoIP and two unbalanced analog inputs.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.32

Release Date: **January 5th, 2024**

RELEASE FEATURES

- Added support for 829171-1 Option card to support AoIP and two unbalanced analog inputs.
- Improved video delay while switching between different SDI formats or between different SDI inputs.
- 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.
- Added Process monitor to monitor software resource usage. The Process-monitors CPU and memory utilization of Wohler's processes running on the device and restarts those that consume more resources than their configured threshold.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.22

Release Date: **October 12th, 2023**

RELEASE FEATURES

- Fixed issue with Presets when only a single channel from Analog is mapped in the input routing matrix.
- Fixed SDI out issue not following selected SDI in specific scenarios.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.20

Release Date: **June 28th, 2023**

RELEASE FEATURES

- Fixed issue with 2110 SFP settings not getting applied after a power cycle.
- Fixed issue with the Volume control setting for internal speakers when in Pre-Fade mode.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.18

Release Date: **March 20th, 2023**

RELEASE FEATURES

- Includes support for Out-Of-Band control for Riedel 2110 SFP's. The out-of-band support has been tested and verified on Riedel 2110-SFP firmware version 3.9 and above.
- Added display of Diagnostic information for 2110 flows on the Web-UI.
- Added support to change IP address of a 2110 and 2022 SFP using the Web-UI.
- Added support to display option card information on the Web-UI.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.10

Release Date: **February 6th, 2023**

RELEASE FEATURES

- Resolved audio distortion issue with certain Dolby streams.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.3.4

Release Date: **September 30th, 2022**

RELEASE FEATURES

- Added support for an administrator to restrict access to the unit's configuration and functionality options. Two forms of restricted access are supported, passcode based and no-access.
- Removed the jump to Main Menu after user selection, while in the Preset or Source Menus.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.2.33

Release Date: **August 5th, 2022**

RELEASE FEATURES

- Simplified Import/Export Functionality on the Web interface.
- Added ability to append “Preset Tag Name” in the exported Preset filename

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.2.24

Release Date: **June 27th, 2022**

RELEASE FEATURES

- Ability to change individual channel gain from the front panel, when in channel solo mode.
- Ability to change speaker assignment for a channel, when in channel solo mode.
- Volume reference settings have been 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.
- Analog Reference level settings added on the Front Panel.
- Fixed issues with Audio outputs when in Dolby zoom mode.
- Added support for new SDI Optical SFP's
- Fixed rotary knob issues.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.1.20

Release Date: **January 14th, 2022**

RELEASE FEATURES

- Added Support for SDI Fiber SFP

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.1.15

Release Date: **August 16th, 2021**

RELEASE FEATURES

- Display of Video Lines information for Dolby-E while monitoring Dolby-E signal over SDI.
- Improved Dolby Metadata scroller on Front Panel.
- Fixed issue with Mixed Presets having Dolby Decoded channels.
- Added configuration of source knob from front panel. Source knob can be configured to perform one of the below actions:
 - Source Select
 - Preset Recall
 - Fav Preset Recall
 - No Operation
- Changed SFP description on web for 2110 SFP's.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, kindly recall the same source again.
- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.1.5

Release Date: **July 5th, 2021**

RELEASE FEATURES

- Support for Decoding Dolby D/DD+ and Dolby-E channels carried over SDI, 2110, AES and Toslink inputs.
- Dolby Presets for monitoring a mix of Dolby decoded channels along with other input channels.
- Software upgrade from Web.
- Remote system upgrade to upgrade multiple units from a single master unit.
- Import/Export presets to copy/save presets of the unit.
- Copy presets from a single master unit on to multiple iVAM2-2 units.
- Graphics overlay on HDMI output. HDMI output is now fixed at 1080p60 irrespective of the input resolution.

KNOWN LIMITATIONS

- HDMI hot plug is not supported. Kindly recall the same source again whenever the HDMI cable is reconnected.
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- The iVAM Web interface is supported on Chrome and Firefox browser.

RELEASE VERSION – 1.0.8

Release Date: **March 15th, 2021**

RELEASE FEATURES

- Support for monitoring the following sources:
 - 3G/HD/SD-SDI via BNC-1 and BNC-2 (Up to 16 Channels)
 - SFP-SDI, SFP-2022, SFP-2110
 - AES-HD15 (Up to 8 Channels)
 - Analog-XLR's (Up to 2 Channels)
 - MAD1 BNC (Up to 64 Channels)
 - MAD1 Optical (Up to 64 Channels)
 - AoIP Dante/Ravenna and 2110-30 (Up to 64 channels with AoIP option card installed)
 - Analog-DB25 (Up to 8 channels with Analog option card installed)
- Support for monitored audio over below outputs:
 - AES Out over HD15 (Prefade outputs of first 8 metered channels)
 - Analog Out over XLR (Follows whatever is being monitored on internal speakers)
 - 20 channels over AoIP (First 16 are the monitored audio channels and next 4 can be configured using licensed Output routing feature).
 - Analog Out over DB-25 (Prefade outputs of first 8 metered channels. If Output routing is enabled, these outputs follow the same configuration as the AES Outputs)
 - HDMI audio output (Stereo downmix of whatever is being monitored. All 8 channels can be enabled through the licensed Output routing feature).
- SDI BNC Out will follow the monitored video.
- HDMI out for selected video source.
- Support for up to 64 presets that allow mixing various inputs for monitoring and if output routing license is enabled, allows custom configuration of various outputs.
- Support for different meter scales.
- Support for Loudness monitoring.
- USB based Software upgrade from the front panel.
- Support to change LCD Brightness and AES termination from front panel.
- Volume and Balance control using Front panel controls.
- Source selection using either **SOURCE knob** or using menu options.
- Channel solo using **CHANNEL knob** and cluster solo using **touch and hold**.

- Switch between video and meters by pressing the **source** knob.
- Speaker options to control Treble and Bass.
- Factory reset, System reboot from front panel and from Web Interface.
- Rest API's to integrate with various 3rd party controllers.

KNOWN LIMITATIONS

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- The iVAM Web interface is supported on Chrome and Firefox browser.