

iVAM1-3 Software Release Notes

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 iVAM1-3 is 1920x1080 (3G) if the RMoC SDI input is 6G or higher.
- The iVAM Web interface is supported on Chrome and Firefox browsers.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.5.47

Release Date: **September 19th, 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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.5.35

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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.5.34

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

RELEASE FEATURES

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

KNOWN LIMITATIONS

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.5.25

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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.5.9

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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.5.7

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

RELEASE FEATURES

- Fixed issue with 2110 SFP settings not getting applied after a power cycle.

KNOWN LIMITATIONS

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.5.3

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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.4.38

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

RELEASE FEATURES

- Added support for SFP Option card.
- Resolved audio distortion issue with certain Dolby streams.

KNOWN LIMITATIONS

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again in order to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.

RELEASE VERSION – 1.4.10

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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again in order to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.
- Certain Dolby streams can cause audio distortion on the speakers.

RELEASE VERSION – 1.3.53

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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. If the HDMI cable is connected while the unit is running, please recall the source again in order to generate the HDMI output.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.
- Certain Dolby streams can cause audio distortion on the speakers.

RELEASE VERSION – 1.3.38

Release Date: **July 6th, 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

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. Please recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.
- Certain Dolby streams can cause audio distortion on the speakers.

RELEASE VERSION – 1.2.13

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

RELEASE FEATURES

- Added control for Source selection knob. Users can now configure the knob for either Source Selection, Preset Selection, Favorite Preset Selection or as a no-operation.
- Improved Dolby-Metadata scroller.
- Changed SFP description on web for 2110 SFP's.

KNOWN LIMITATIONS

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. Please recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.
- Certain Dolby streams can cause audio distortion on the speakers.

RELEASE VERSION – 1.2.0

Release Date: **June 22nd, 2021**

RELEASE FEATURES

- Program change support for Dolby-E streams.
- Auto clustering of channels in Dolby Zoom mode based on information received in Dolby Metadata.
- Display of Video Lines information for Dolby-E.
- Fixed issue with Metadata scroller on the Front Panel.

KNOWN LIMITATIONS

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. Please recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.
- Certain Dolby streams can cause audio distortion on the speakers.

RELEASE VERSION – 1.1.0

Release Date: **May 28th, 2021**

RELEASE FEATURES

- HDR detection over SDI and display on Front Panel for HLG,PQ,HDR10 and HDR10+
- Dolby decoding for encoded Dolby channels carried over SDI, AES and Toslink. Support for Dolby Digital, Dolby Digital Plus and Dolby-E codecs.
- USB based Software upgrade from the front panel.
- Factory reset, System reboot from front panel and from Web Interface.
- Rest API's to integrate with various 3rd party controllers.

KNOWN LIMITATIONS

- The iVAM Web interface is supported on Chrome and Firefox browser.
- HDMI hot plug is not supported. Please recall the same source again whenever the HDMI cable is reconnected.
- If the SDI signal loses lock while switching between different SDI sources, please recall the same source again.
- Certain Dolby streams can cause audio distortion on the speakers.
- Audio clustering of Dolby channels based on Dolby metadata configuration is a planned future release feature.
- Dolby-E program selection is a planned future release feature.