

iVAM1-1 Software Release Notes

RELEASE VERSION – 1.3.3

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

RELEASE FEATURES

- 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. If the HDMI cable is connected while the unit is running, please recall the source again to generate the HDMI output.
- The iVAM Web interface is supported on Chrome and Firefox browsers.

RELEASE VERSION – 1.3.2

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

RELEASE FEATURES

- Changes in Web-UI to support versions of Chrome and Firefox browser on iPad.

KNOWN LIMITATIONS

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

RELEASE VERSION – 1.3.1

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

RELEASE FEATURES

- Added support for Rev-E motherboard hardware.

KNOWN LIMITATIONS

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

RELEASE VERSION – 1.3.0

Release Date: **August 26th, 2022**

RELEASE FEATURES

- Added support for Presets and Output Routing. Output Routing and Presets are licensable options.
- Added the ability to Import/Export Presets from the Web.
- Added the ability to do a Software Upgrade from the Web interface.
- Added the ability to switch to Meters from Menu by pressing the “Source” knob.
- Removed “Speaker Mute” option from Front Panel. This is available in “Global Output Routing” on the Web.

KNOWN LIMITATIONS

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

RELEASE VERSION – 1.2.17

Release Date: **June 10th, 2022**

RELEASE FEATURES

- Added support for new SDI Optical SFP's
- Fixed rotary knob issues.

KNOWN LIMITATIONS

- HDMI hot plug is not supported, so if an HDMI cable is connected while the unit is running, please recall the source again in order to generate the HDMI output.
- The iVAM Web interface is supported on Chrome and Firefox browsers.

RELEASE VERSION – 1.2.10

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

RELEASE FEATURES

- Added support for configuration of “Source Knob”. It can be configured to either select a source or to perform a “No Operation”.
- Changed SFP description on web for 2110 SFP’s.

KNOWN LIMITATIONS

- HDMI hot plug is not supported, so if an HDMI cable is connected while the unit is running, please recall the source again in order to generate the HDMI output.
- The iVAM Web interface is supported on Chrome and Firefox browsers.

RELEASE VERSION – 1.2.4

Release Date: **February 23rd, 2021**

RELEASE FEATURES

- Added support for AoIP (Dante and Ravenna) and Analog option cards.

KNOWN LIMITATIONS

- HDMI hot plug is not supported, so if an HDMI cable is connected while the unit is running, please recall the source again in order to generate the HDMI output.
- The iVAM Web interface is supported on Chrome and Firefox browsers.

RELEASE VERSION – 1.1.6

Release Date: **September 4th, 2020**

RELEASE FEATURES

- Fixed issue with SDI signal unlocking while rapidly switching between different SDI formats.

KNOWN LIMITATIONS

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

RELEASE VERSION – 1.1.0

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

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)
 - MADI BNC (Up to 64 Channels)
 - MADI Optical (Up to 64 Channels)
- 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)
- SDI BNC Out will follow the monitored video.
- HDMI out for selected video source and first 8 monitored audio sources.
- 16 channels displayed as 8 pairs with ability to sum/mute/solo each pair or to solo each channel. Phase indicator for each monitored pair included (Phase Indication can be turned on/off from Unit Settings or from Web).
- Support for different meter scales.
- 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. Muting or unmuting internal speakers upon headphone insertion can also be configured.
- Factory reset, System reboot from front panel and from Web Interface.
- Rest API's to integrate with various 3rd party controllers.

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.