Wohler

PERFECT MONITORING.
PERFECT BROADCASTS.

RACK MONITORS

MAVRIC / *i*SERIES / *e*SERIES

For over 40 Years

Professional Confidence Monitoring

AUDIO

Perfect measurement and real-time analysis with visual control on every device, with full-screen remote monitoring via network on any desktop or mobile device.

Loudness with ITU-R BS.1770 or EBU R128 standards, DOLBY, Phase. From all input formats.

VIDEO

Visual control on every device, with full-screen remote monitoring via network on every mobile device.

3G/12G SDI, MPEG SRT H.264, H.265

METADATA

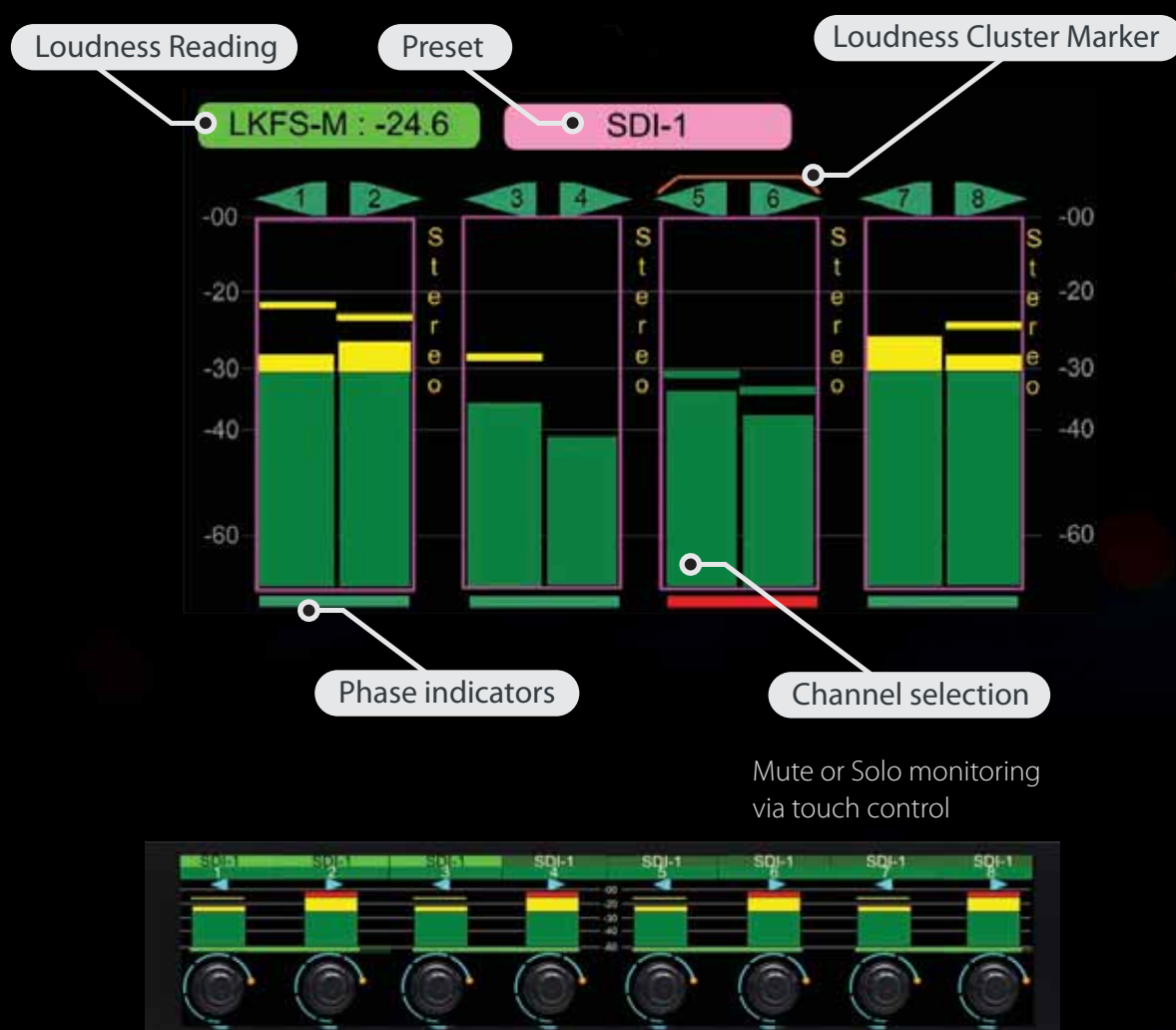Show captions, subtitles, PID tables, "zoom" into DOLBY metadata. On-site or anywhere in the world.

ACOUSTIC

Direct, high-quality monitoring with distortion-free Stereo Speakers - built into every device. Hear the audio, as it is experienced by the audience.
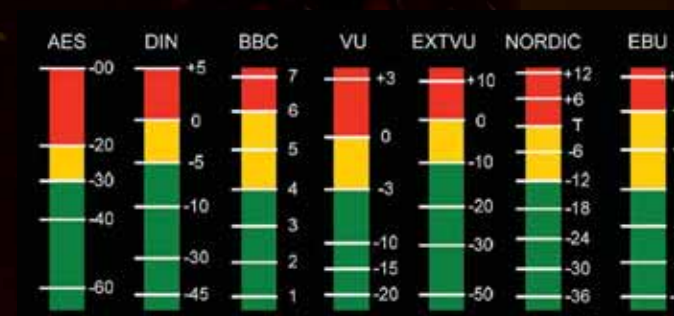
Up to 15 W RMS per side, 30 W Peak.

Quality monitoring tools for excellence and performance in the most critical moments.

MAVRIC REMOTE MONITORING

Visual control on every device:
Audio Level Meter Screens with touch control.

Loudness Reading

Preset

Loudness Cluster Marker

LKFS-M : -24.6

SDI-1

Phase indicators

Channel selection

Mute or Solo monitoring via touch control


Audio meters are displayed on the display in up to 8 channel pairs. A choice of seven Peakmeter scales is available.

Meter Scales

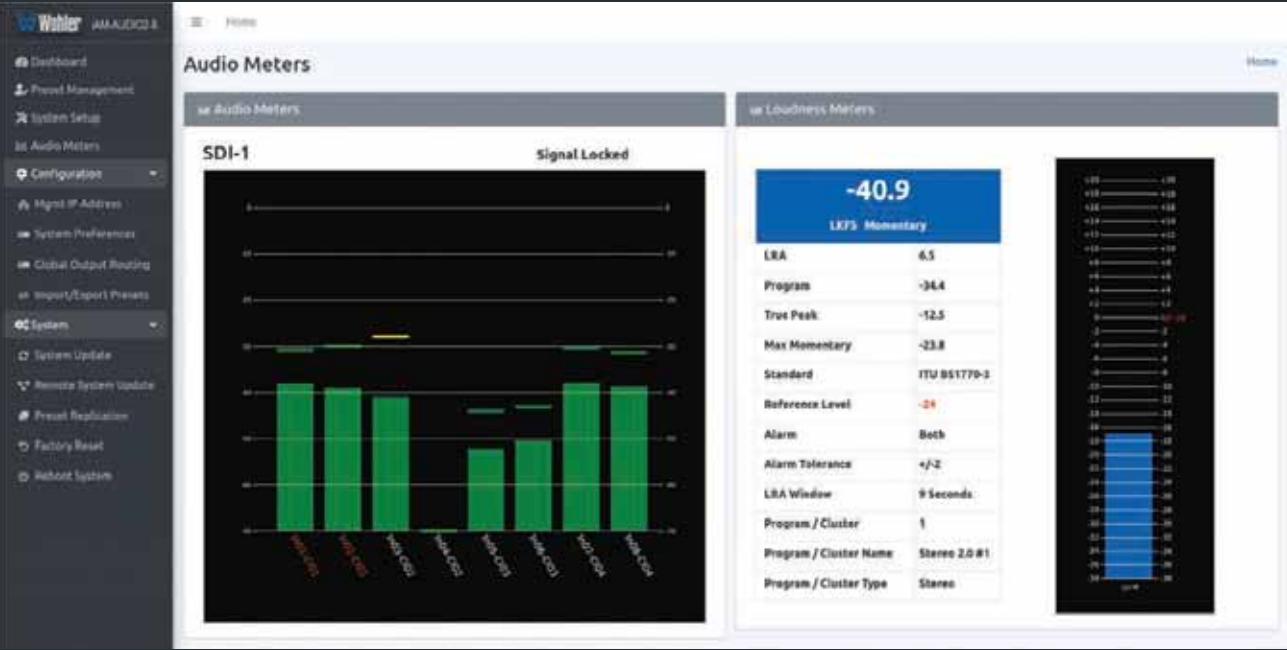|			
	Back	Save	
Scale	<	AES	>
Ballistics	Float	IEC Type I	
	Bar	VU	
Segment Boundary	<	Upper >	-20 dBFS

Ballistics and boundaries between the upper and middle segments (red and yellow) and the middle and lower segments (yellow and green).

"Zoom in to audio"
Analyse a single Dolby bitstream

Channel selection via touch
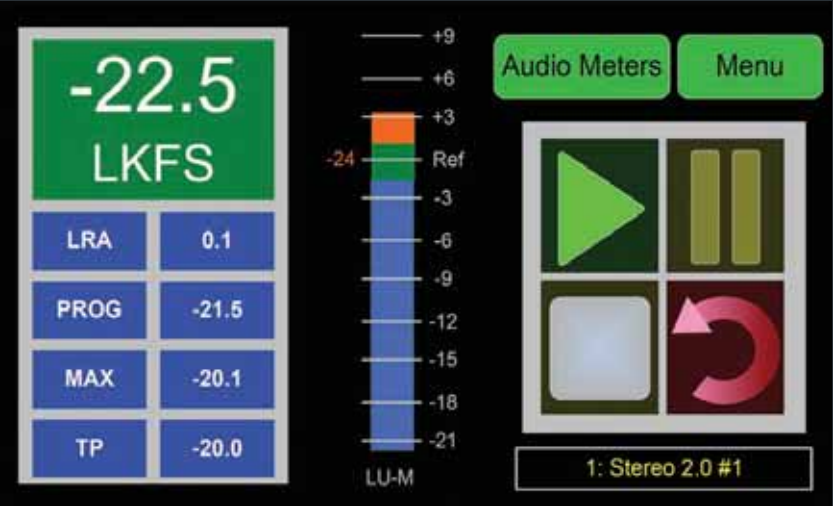
Metadata selection
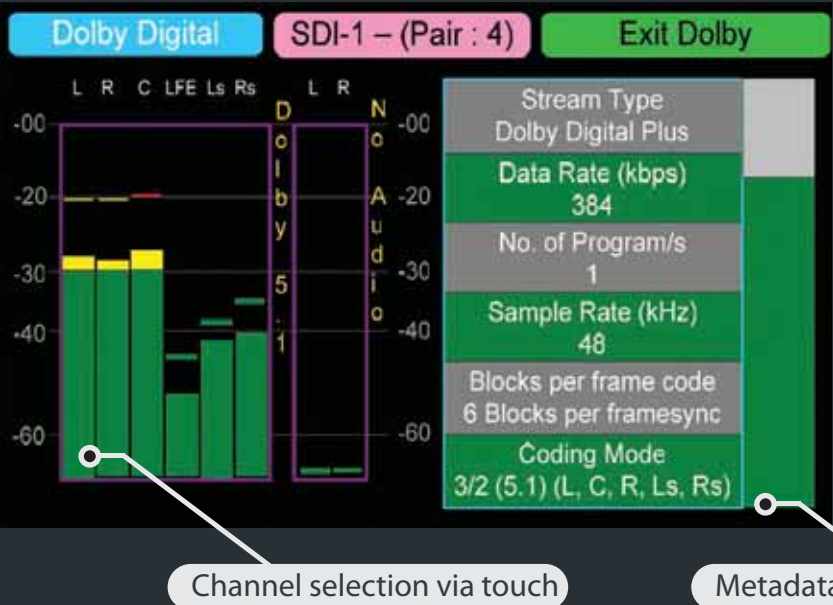
Immediately listen to and meter the contained audio channels.

View Dolby metadata, which can help you diagnose possible problems.
It will vary according to the type of Dolby signal. Bitstreams are shown distinctively along with the normal metering channels.

Dolby decoding is an optional feature requiring the OPT-DOLBY license. It allows decoding and monitoring of Dolby® D, DD+, & E streams.

Loudness Meter

The Loudness Meter Screen provides a more detailed view of the Loudness Measurement. It is displayed along with the channel meter screen.

Loudness options include manual or continuous monitoring modes and different alarm modes:

Over
The alarm indication will only appear when Loudness has exceeded the reference level by the tolerance amount.

Under
The alarm indication will only appear when Loudness is below the reference level.

Both
The Alarm indication will only appear when Loudness has exceeded or is below the reference level by the tolerance amount.

Control via Web GUI:
Fullscreen remote monitoring via network

The integrated remote control displays the status of the device and all audio meters and measurements of the source on a computer screen. The user interface also allows the routing of all channels with optional output routing license.
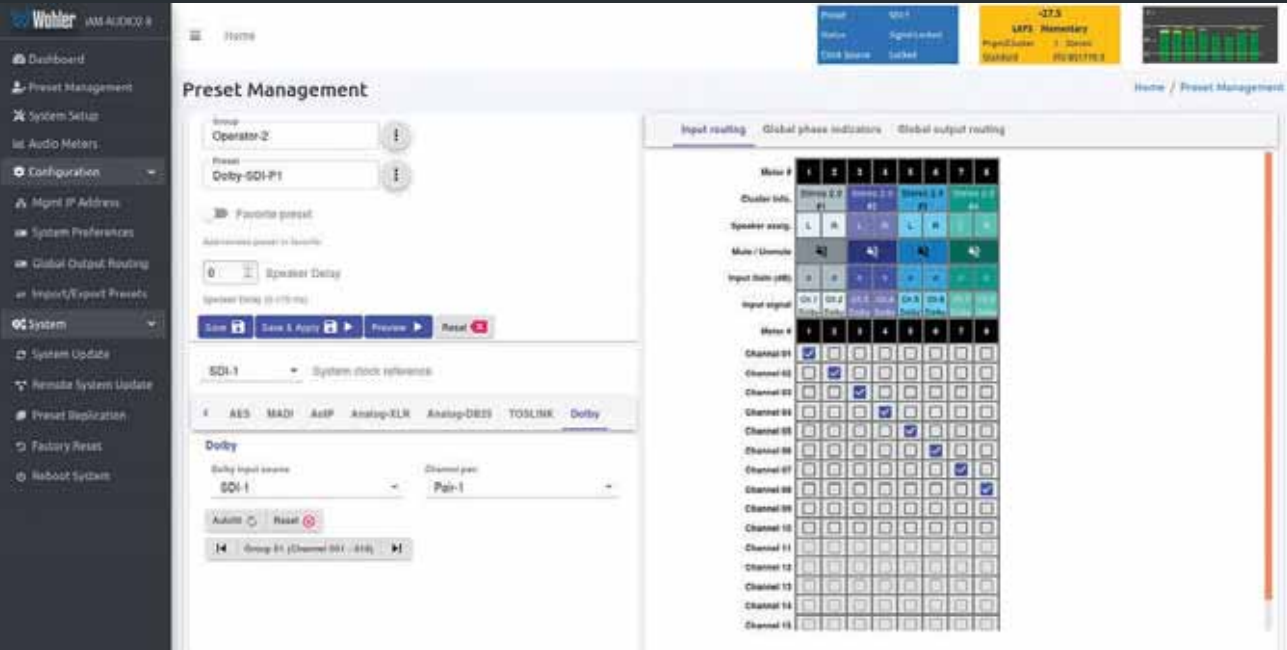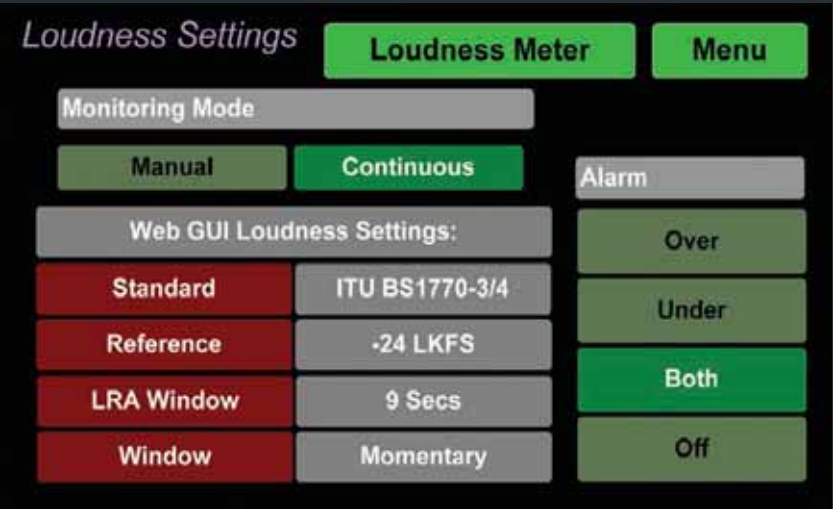
The integrated Dolby Presets managment allows simultaneous monitoring of Dolby decoded channels and other inputs.

MAVRIC

ADVANCED REMOTE MONITORING SYSTEM

HEAR THE AUDIO.
SEE THE VIDEO.
CONTROL THE DATA.

Do it in any global location.

Get loudness, and other data from one or more signal probes, directly from the event location - anywhere in the world, without an on-site presence. Automated alerts keep the operator's attention undisturbed, unless there is a pre-defined signal exception.

All information is directly accessible on a desktop browser or via the MAVRIC app. Available for Apple iOS & Android devices.

Remote

Monitor signals from anywhere, keeping your broadcast operations seamless and efficient.

Conferencing

Integrated communications across remote locations, between on-site and off-site personnel and operators.

Alerts

Receive real-time, automatic alerts across all signal types, ensuring you never miss critical updates.

Cloud-based

MAVRIC works locally or on the Wohler Cloud infrastructure. It provides secure encrypted communications across all interfaces and signal sources.

Remote **Monitoring**

Instant **Communication**

Automated **Alerts**

M/\VRIC

FEATURES

- Remotely listen to individual audio channels (8/16), or a stereo downmix of selected audio clusters.
- Remotely view audio meters and loudness levels for selected audio clusters and video signals.
- Remotely view signal metadata for all monitored signals.
- Support on-site and off-site personnel located across remote infrastructure like OB vans and remote data centers/TCR's.
- Enable rapid pinpointing and resolution of problems during live events.
- Seamlessly integrate monitoring systems across worldwide locations.
- Monitor signals remotely using a standard Internet browser or via an Android/iOS App.
- Construct your own multiviewer from probes deployed anywhere in the world.
- Create probe configuration presets to select video source along with any selection of 8/16 audio channels for remote monitoring.
- Use with built-in software audio probes available on all current Wohler iSeries in-rack monitors.
- Use with Signal probes available as hardware option card installed in your in-rack Wohler monitors, or on available Wohler openGear monitoring cards for remote monitoring.

EXAMPLE

Remotely Monitoring OB Van signals during live sporting events:
- Enables broadcast center operators to view signals in the OB Van remotely.
- Enables OB Van manager to remotely view signals terminating at the broadcast center to confirm switchovers.
- Avoid need to switch monitoring tools based upon signal type.
- Enables operators to have a signal-type agnostic unified interface to view video and audio meters and loudness, and listen to monitored signals across baseband and IP fabrics, without having to do a context switch.
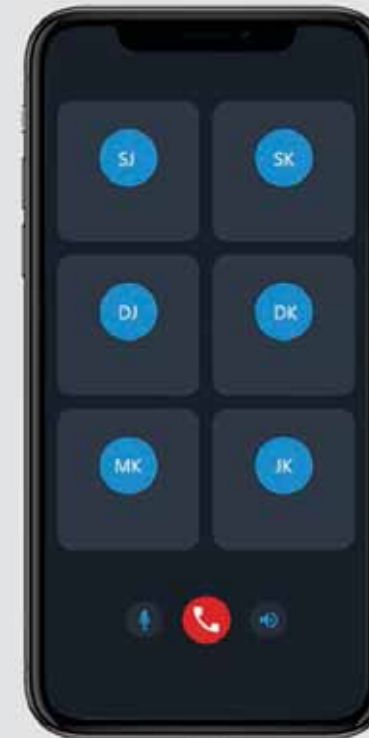
CONFIDENCE MONITORING
AT ANY END DEVICE

Alerts

Configure Alerts to continuously monitor selected signals to detect errors occurring over a programmable duration, and to automatically trigger alerts.

Alerts can be transmitted as paging notifications to a predetermined group of operators on the accompanying Wohler mobile App.

User Management

Create individual users and user groups within MAVRIC. Create and assign probes and or probe groups to users and or user groups, to create a highly scalable system potentially spanning the globe with probes and users located anywhere in the world.

MAVRIC enables instantaneous communications across users and overlapping groups as needed, via the Conferencing application.

Multiview

Operators can create their own custom multiviewer, providing them with access to a predetermined set of signal probes. This enables operators to view signals from anywhere in the world, by assigning the desired selection of signal probes to them.

Multiviewer capabilities include the ability to view 16 audio meters, that can be listened to remotely (depending on probe type), one channel of video, along with audio loudness for any selected cluster and signal metadata for the signal being monitored.

Probe Configuration

Create and save configurations to continuously monitor 16 channels of audio, and (depending on probe type) one video signal for a host of errors.

Save these configurations as handy "presets", that can then be applied to additional probes to save configuration time. Select out of a range of saved presets to quickly reconfigure a signal probe to monitor a different selection/configuration of signals connected to probes.

13

Optional format updates
Start small. Grow big.

WOHLER offers the **most comprehensive and complete** range of upgrade options for audio and video formats.

In addition, feature updates can be activated via software activation.

This way cost-effective basic monitors can be retrofitted with essential formats at a later date.

UPDATES VIA SOFTWARE ACTIVATION KEY

Dolby / Dolby ATMOS

Monitoring of Dolby® D, DD+ or E streams.

DOLBY ATMOS is available in the iAM-12G-SDI.

INTERNAL OUTPUT ROUTING

Most devices provide optional routing of input signals to various outputs.

AES3 I/O
HD-15

If the device provides HD-15 AES3 connectors, an update can unlock 8 AES3 I/O (4x Stereo).

MAVRIC
AUDIO PROBE

Most devices provide built-in audio-only remote monitoring probe. Requires a MAVRIC subscription.

MADI I/O
BNC

If the device provides BNC MADI connectors, the activation key enables 64x In with 64x looped Out channels.

GPI/O & SDI REEMBED

If the device provides the GPIO option, a key enables 4/2 GP I/O.

Some devices provide re-embeding of 16 selected audio channels over the integrated SDI OUT.

HARDWARE UPDATES VIA SFP / SLOT OPTION CARDS

Dante / RAVENNA AES67
HITLESS 2022-7

Enables monitoring from up to 64 channels of Dante or Ravenna input streams, including primary and secondary RJ-45 for hitless/2022-7 support. Available via Option Slot Card.

MADI I/O
OPTICAL

Available via SFP module as SingleMode or Multimode.

12G SDI IN
MAVRIC VIDEO PROBE

Single SDI BNC In. Enables also MAVRIC Video on a input of the device. Available via Option Slot Card.

8x ANALOG I/O & TOSLINK IN

8 Analog Inputs and 8 Analog Outputs via 2x DB-25 plus an optical SPDIF input.

Available via Option Slot Card.

SMPTE
2022-6, 2110 WITH NMOS OR EMBER+

Available via SFP module as Multimode optical connectors.

Unmatched Flexibility

Option Cards & SFP Modules for *i*Series


OPTION CARD SLOT

2x SFP

SFP VIDEO   SFP MADI

OPTION CARDS

12G-SDI   SMPTE 2110   MAVRIC

OPT-RMOC-12G
SKU: 829189

Provides 12G inputs to any 3G iSeries monitor.

Single BNC and 10 Gbps SFP slot for 12G/3G SDI or ST2110 input up to 3G. Enables MAVRIC functionality, capable of monitoring 8/16 channels of audio (iAM & iVAM Series) plus a single video input on the iVAM Series, selectable from a choice of sources connected directly to the card, or inputs connected to the in-rack monitor.

8x Analog I/O   SPDIF IN
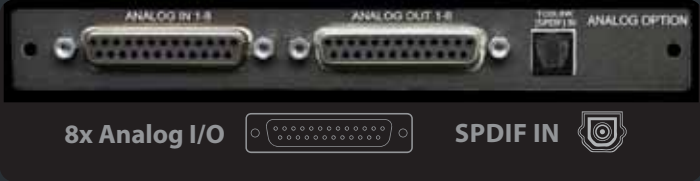
OPT-ANLG/TOS
SKU: 829170

Enables monitoring of 8 Analog channels on DB-25. Adds 8 Analog outputs. Provides an Optical TOSLINK input.

2x 3G-SDI   2x 12G-SDI
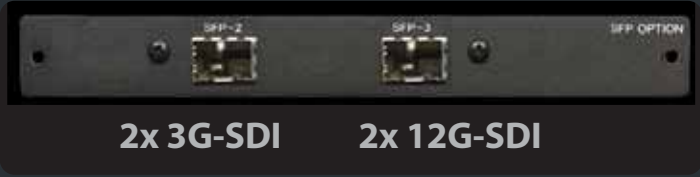
OPT-SFP

Adds two additional 3G inputs to 3G products, or two 12G inputs to 2x 12G via 10 Gbps 12G fiber SFP modules.
SKU: 829179

RAVENNA AES67   SPDIF IN *OR* 2X ANALOG IN (UNBAL.)

OPT-RAVENNA 64
OPT-RAVENNA 64 ANLG

Enables monitoring from up to 64 ch Ravenna input streams, including primary and secondary RJ-45

for hitless/2022-7 support (for Ravenna and 2110-30 signals). Adds a Gigabit SFP cage allowing multimode and single-mode network 1 Gbps SFP's for AoIP signals.

SKU: 829172 (with TOSLINK Input)
SKU: 829172-1 (with 2x unbal. Analog In)

Dante   SPDIF IN *OR* 2X ANALOG IN (UNBAL.)

OPT-DANTE 64
OPT-DANTE 64 ANLG

Enables monitoring from up to 64 ch Dante input streams, including primary and secondary RJ-45 for hitless/2022-7 support (for Dante and 2110-30 signals).

Adds a Gigabit 1 Gbps SFP cage allowing multi-mode and single-mode network 1 Gbps SFP's for AoIP signals.

SKU: 829172 (with TOSLINK Input)
SKU: 829172-1 (with 2x unbal. Analog In)

SFP MODULES

10 Gbps SFP modules fit in any Wohler device with a SFP port and add additional Video and Audio formats to the basic feature set. SFP modules come with a software feature activation key. Use Emset to configure the SFP.

VIDEO FORMATS

SFP-2110 with NMOS or Ember+

SMPTE 2110 receiver with Multi-Mode 850 NM, LC (fiber) Connectors.

Ordering Note: User selectable between NMOS & Ember+. Unless specified, NMOS will be delivered as standard.
SKU: 829086-1

SFP-2110 w/Ember+ or NMOS or 2022-6

SMPTE 2110 or 2022-6 Receiver with Multi-Mode 850 NM, LC (fiber) Connectors. NMOS ships standard
SKU: 829087-1

SFP-SDI

3G/HD/SD-SDI single receiver w/ active loopback, HD-BNC Connectors
SKU: 829089

SFP-SDI-Fiber

12G/3G/HD/SD-SDI or ASI single receiver w/ active loopback, HD-BNC Connectors
SKU: 829084

SFP-2022-6

SMPTE 2022-6 Receiver; Multi-Mode 850 NM, LC (fiber) Connectors
SKU: 829088

MADI (AUDIO)

SFP-MM-MADI-FIBER

MADI optical fiber transceiver, Multimode; LC Connectors
SKU: 829081

SFP-SM-MADI-FIBER

MADI optical fiber transceiver, Single mode; LC Connectors
SKU: 829082

*i*VAM SERIES AUDIO & VIDEO OVERVIEW

3G-SDI

iVAM1-3

3x TOUCH SCREEN

12G VERSION ⫸

2RU VERSION WITH 2 LARGER DISPLAYS AND POWERFUL SPEAKERS

iVAM2-2-G

2x LARGE TOUCH SCREEN

12G VERSION ⫸ ●

1RU SINGLE MONITOR BUDGET VERSION

iVAM1-1-G

1x TOUCH SCREEN

●

- ● 4x GPI / 2x GPO (optional)
- ● RE-EMBEDDING OF 16 AUDIO CH IN SDI (optional)
- ● 8 CHANNELS / 8 AUDIO METERS
- ● MAVRIC support planned

iVAM1 SUM16-G

1x LARGE TOUCHSCREEN*

12G VERSION ⫸

8 CHANNEL MONITOR BUDGET VERSION

iVAM1 SUM8-G

1x LARGE TOUCHSCREEN*

*Fast selection and summing with video. Quick muting, hold-for-solo. Video with resolution indication and HDR detection. Virtual rotary dials showing trim levels, master volume control and master mute/unmute. Supports channel names.

12G-SDI

iVAM1-12G

3x TOUCH SCREEN

●

iVAM2-12G

2x LARGE TOUCH SCREEN

●

iAM-12G-SDI

2x LARGE TOUCH SCREEN   NO MAVRIC SUPPORT   NO STANDARD HDMI OUT

●

iAM2-MPEG

2x LARGE TOUCH SCREEN   NO STANDARD HDMI OUT

●

iVAM1 SUM16-12G

1x LARGE TOUCHSCREEN*

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iVAM DEVICES PROVIDE A COMMON BASIC FEATURE SET

IP	**16**	**2x**	**SDI**	**HDMI**	MAVRIC
READY	CHANNELS	ANALOG I/O	2x IN / 1x OUT	OUT	READY

DUAL SPEAKERS	HEADPHONES	NET REMOTE	**16** AUDIO METERS

Support for ALL broadcast video and/or audio formats // Made in USA

OPTIONAL UPDATES VIA SOFTWARE

PROCESSING	AUDIO/GPIO
Dolby	**4x AES3 I/O** HD-15
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MAVRIC AUDIO PROBE	

OPTIONAL UPDATES VIA SFP / SLOT OPTION CARDS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	MAVRIC VIDEO PROBE

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*i*VAM2-MPEG

SKU: 8114-0360

4x 10 GBPS SFP FOR OPTIONAL VIDEO AND AUDIO FORMATS iAM OPTION CARD SLOT

STEREO — **DUAL SPEAKERS**   **HEADPHONES**   **2x TOUCH SCREEN**

16 AUDIO METERS   **NET REMOTE**

IP-ready, state of the art MPEG & 12G video and audio monitor with touch screen controls, and APIs for remote management.

The powerful 16 monitoring channel unit accepts MPEG over RJ45 TSoIP. Separately, it includes 2 x 12G/3G/HD/SD-SDI signals over BNC as standard. 4 SFP cages allow for a variety of additional monitoring options, including 2110, 2022-6, as well as additional SDI inputs in a variety of combinations listed in the table below.

As an upgrade option, Dolby® D, Dolby® D+, and Dolby® E are optional available.

The built-in, touch-capable display is designed for easy operation with fast access to audio meters, menus and presets. It includes loudness measurement, phase status and HDR detection. The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored (audio meters viewed remotely), controlled and updated via a web-based user interface.

MPEG The device can decode MPEG SRT MPEG2, H.264 or H.265 HEVC transport streams, at bitrates up to 35Mbps. The unit parses out the transport stream and presents operators with PID tables, allowing for independent selection of audio and video PID's for decoding via a simple intuitive touch screen interface. Closed Captions overlayed on the video display, allow for monitoring of CC and subtitles embedded in the MPEG transport stream. Audio monitoring for AAC, Dolby Digital+ or MP3 is supported. Built-in SCTE tag detection.

SOFTWARE/SAAS UPDATES

PROCESSING

DD Dolby

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI 64x I/O BNC or OPT (SM/MM)	**3G-SDI** + 2x via SFP **12G-SDI** +2x BNC+SFP
8x ANALOG IN / TOSLINK	

MAVRIC Support: planned

2x 4.3" 109 mm	15 W RMS per side, 30 W Peak	104 dB SPL @ 2 feet	up to 64	16 lbs 4.3 kg / 11 lbs 5 kg
DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **2RU video and audio monitor with up to 16 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

OPTION SLOT (1x CARD)
- **8x Analog I/O + MADI BNC + Optical In:** OPT-MADI/ANLG/TOS
- **Dante/Ravenna 64x In:** includes OPT-MADI/ANLG/TOS: OPT-DANTE (12G) or OPT-RAVENNA 64 (12G)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6
SFP-12G-SDI FIBER 12G: 3G/HD/SD-SDI single mode Optical LC (fiber) video receiver
SFP-HDMI-OUTPUT: HDMI/DVI O/P, HDMI 2.0 Type D conn. Video O/P is set at 1080p60 from selected video source.
SFP-SDI: 3G/HD/SD-SDI single video receiver w/active loopback, HD-BNC

*i*AM-12G-SDI

SKU: 8114-0351

OPTION CARD SLOT

4x SFP FOR OPTIONAL VIDEO AND AUDIO FORMATS

STEREO DUAL SPEAKERS

HEADPHONES

2x TOUCH SCREEN

16 AUDIO METERS

NET REMOTE

iAM CARD FOR ADDITIONAL FORMAT OPTIONS
Activation via software key.

IP-ready, powerful 16 channel video and audio monitor, suited to a variety of broadcast, corporate and other professional environments. It provides two 4K/12G-SDI inputs on BNC, two large screens and high-quality front mounted full-range speakers.

As an upgrade option, a Dolby® ATMOS option (including Dolby® D, Dolby® D+, and Dolby® E) enables decoding of Atmos content from either SDI or AES3. Dolby® D, Dolby® D+, and Dolby® E can also be purchased separately for a lower price.

The built-in, touch-capable display is designed for easy operation with fast access to audio meters, menus and presets. It includes loudness measurement, phase status and HDR detection.

The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

MPEG support version iVAM2-MPEG
1RU 12G-SDI version: iVAM1-12G

SOFTWARE UPDATES

PROCESSING

D◁ **Dolby**

D◁ **Dolby** ATMOS

HARDWARE FORMAT OPTIONS

AUDIO

❖ Dante
RAVENNA AES67
HITLESS 2022-7

MADI opt. (64x IN)
Multimode or Singlemode

8x ANALOG IN / TOSLINK

VIDEO

SMPTE **2022-6**
2110 (W/EMBER+ W/NMOS)

3G-SDI IN
3G/HD/SD opt.

HDMI/DVI out
via SFP

12G-SDI IN
12G, 3G/HD/SD-SDI optical

MAVRIC Support: planned	2x 4.3" 109 mm	15 W RMS per side, 30 W Peak	104 dB SPL @ 2 feet	up to 64	16 lbs 7.3 kg / 11 lbs 5 kg
	DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **2RU video and audio monitor with up to 16 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- Monitoring of Dolby® D, DD+ or E streams. Software activation key.
- Monitoring of Dolby® ATMOS, as well as Dolby D, DD+, E and ED2 streams. Software activation key.

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6, HDMI out

AVAILABLE OPTIONS (1x iAM CARD)

- **OPT-DOLBY:** Monitoring of Dolby D, DD+ or E streams. Software activation key.
- **OPT-DOLBY-ATMOS:** Monitoring of Dolby Atmos®, D, DD+ or E streams. Software activation key.
- **OPT-MADI/ANLG/TOS:** Monitoring of 8 Analog channels on DB-25, an optical TOSLINK Input, monitoring of 1 x MADI64 input via BNC and an SFP Cage that accepts MADI Optical Inputs, Dante or Ravenna/AES67 as additional sub-option. Software activation key.
- **OPT-DANTE (12G):** Monitoring of up to 64 ch of Dante / 2110-30. Adds primary and secondary RJ-45 ports for hitless / 2022-7 support (for Dante and 2110-30 signals). Software activation key.
- **OPT-RAVENNA 64 (12G):** Monitoring of up to 64 ch of Ravenna/AES67 / 2110-30 Input streams with NMOS Support. Adds primary and secondary RJ-45 ports for hitless / 2022-7 support. Software activation key.
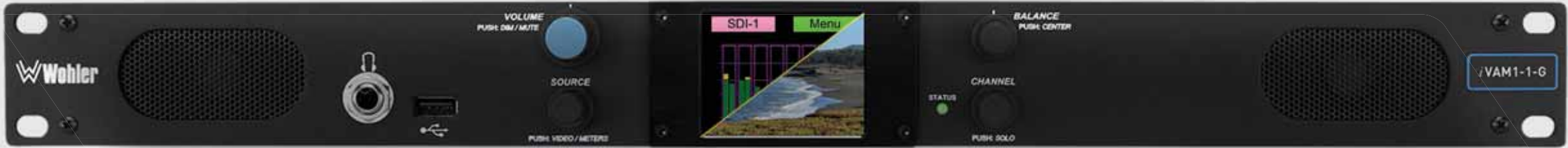
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*i*VAM1-1-G

SKU: 8125-0100

MONITORING	ANALOG OUT	SDI I/O	VIDEO OUT	AES3 I/O	MADI I/O
16 CHANNELS	**2x** XLR	**3G** ²/¹ BNC	**HDMI**	**4 Pairs** DB-15	**1x** BNC

AUDIO VIDEO IP

M/\VRIC READY

STEREO **DUAL SPEAKERS**   **HEADPHONES**   **1x TOUCH SCREEN**   **16 AUDIO METERS**   **NET REMOTE**
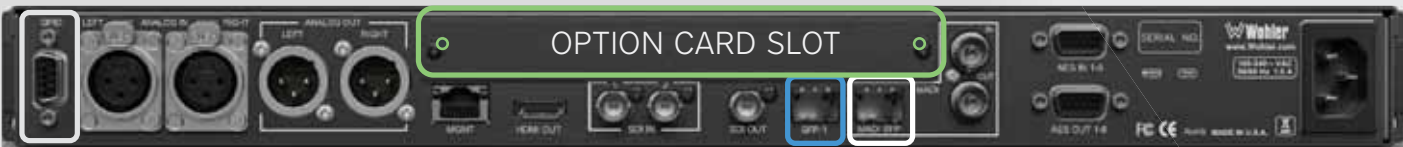

Budget-friendly IP-ready 16 channel video and audio monitor with a single screen, which toggles between video and level meters. The device is the perfect solution for any application that requires a compact product for simple-to-complex monitoring of an evolving range of professional signals.

It includes phase status and HDR detection. It provides a HDMI output for the video source and the option for Dolby processing and 2022-7 support.

The standard setup provides 3G-SDI and a pair of analog I/O. Other formats and I/O options are available as license or via the hardware option slot.

The built-in, touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets. The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

2RU version with two large screens and more powerful speakers: iVAM2-2-G
3 display version: iVAM1-3
12G-SDI version: iVAM1-12G

OPTION CARD SLOT

GPIO   10 Gbps SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
INTERNAL OUTPUT ROUTING	**4x AES3 I/O** 8 I/O Ch. VIA DB-15
	MADI I/O BNC I/O
M/\VRIC AUDIO PROBE	**GPI/O** 4X GPI / 2X GPO

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** BNC+SFP
8x ANALOG I/O	M/\VRIC VIDEO PROBE

1x 2.4"60 ᵐᵐ DISPLAY	5 ᵂ RMS per side, 12 ᵂ Peak SPEAKER POWER OUTPUT	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ PEAK ACOUSTIC OUTPUT	up to 64 PRESETS	8.0 ˡᵇˢ 3.6 ᵏᵍ / 5.5 ˡᵇˢ 2.5 ᵏᵍ WEIGHT/NET WEIGHT

- **1RU video and audio monitor with up to 16 channels from multiple sources**
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES
- Output routing: route input signals to various outputs (via software license key)
- GPI/O option: 4x GPI, 2x GPO

OPTIONAL HARDWARE SFP I/O FORMATS
SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)
- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)
- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

*i*VAM1-3

SKU: 8121-0100

MONITORING	ANALOG OUT	SDI I/O	VIDEO OUT	SOFTWARE UPDATE	
				AES3 I/O	MADI I/O
16	**2x**	**3G** ²/¹	**HDMI**	**4x**	**1x**
CHANNELS	XLR	BNC		DB-15	BNC

AUDIO VIDEO IP

MAVRIC
READY

STEREO DUAL SPEAKERS   HEADPHONES   3x TOUCH SCREEN   **16** AUDIO METERS   NET REMOTE

IP-ready 16 channel video and audio monitor with triple screen and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. It provides a HDMI output for the video source and the option for Dolby processing and 2022-7 support.

The standard setup provides 3G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot (see right).

The built-in, touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets.

All iSeries monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

2RU version with two larger screens and more powerful speakers: iVAM2-2-G
12G-SDI version: iVAM1-12G
Single Monitor budget version: iVAM1-1-G

OPTION CARD SLOT

SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
DD Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MAVRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
◆ **Dante** RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	MAVRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.	3x 2.4" 60 ᵐᵐ **DISPLAY**	5 ᵂ RMS per side, 12 ᵂ Peak **SPEAKER POWER OUTPUT**	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ **PEAK ACOUSTIC OUTPUT**	up to 64 **PRESETS**	8.0 ˡᵇˢ 3.6 ᵏᵍ / 5.5 ˡᵇˢ 2.5 ᵏᵍ **WEIGHT/NET WEIGHT**

- **1RU video and audio monitor with up to 16 channels from multiple sources**
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES
- Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

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i**VAM**2-2-G

SKU: 8121-0200

MONITORING	ANALOG OUT	SDI I/O	VIDEO OUT	AES3 I/O	MADI I/O
16 CHANNELS	**2x** XLR	**3G** $^{2/1}$ BNC	**HDMI**	**4x** DB-15	**1x** BNC

AUDIO VIDEO IP

M/\VRIC READY

STEREO	DUAL SPEAKERS	HEADPHONES	2x TOUCH SCREEN	**16** AUDIO METERS	NET REMOTE

IP-ready, 16 channel video and audio monitor with MAVRIC support. The 2RU device provides two large screens and powerful speakers. Includes loudness measurement, phase status and HDR detection.

The standard setup provides 3G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot.

The built-in, touch-capable display is designed for easy operation with fast access to audio meters, menus and presets. The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

1RU version with 3 screens: iVAM1-3

12G-SDI version: iVAM2-12G

Single Monitor budget version: iVAM1-1-G

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
M/\VRIC AUDIO PROBE	**GPI/O** 4X GPI / 2X GPO

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES**67** HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** BNC+SFP
8x ANALOG I/O	M/\VRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.	2x 4.3" 109 ^{mm} **DISPLAY**	15 ^{W} RMS per side, 30 ^{W} Peak **SPEAKER POWER OUTPUT**	104 $^{dB SPL}$ @ 2 ^{feet} **PEAK ACOUSTIC OUTPUT**	up to 64 **PRESETS**	10 ^{lbs} 4.5 ^{kg} / 8 ^{lbs} 3.6 ^{kg} **WEIGHT/NET WEIGHT**

- **2RU video and audio monitor** with up to 16 channels from multiple sources
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- Monitoring of Dolby® D, DD+ or E streams. Software activation key
- Output routing: route input signals to various outputs (via software license key)
- GPI/O option: 4x GPI, 2x GPO

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

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iVAM1-12G

SKU: 8124-0100

MONITORING	ANALOG OUT	SDI I/O	VIDEO OUT		SOFTWARE UPDATE	
					AES3 I/O	MADI I/O
16	**2x**	**12G** [2/1]	**HDMI**		**4x**	**1x**
CHANNELS	XLR	BNC			DB-15	BNC

AUDIO VIDEO **IP**

MΛVRIC READY

STEREO — DUAL SPEAKERS	HEADPHONES	3x TOUCH SCREEN	**16** AUDIO METERS	NET REMOTE

IP-ready 16 channel video and audio monitor with triple screen and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. It provides a HDMI output for the video source and the option for Dolby processing and 2022-7 support.

The setup provides 12G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot (see right).

The built-in, touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets.

The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

2RU version with two larger screens and more powerful speakers: iVAM2-12G
3G-SDI version: iVAM1-3
1RU single monitor budget version: iVAM1-1-G

OPTION CARD SLOT

SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
Dolby	**4x AES3 I/O** BNC I/O
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MΛVRIC AUDIO PROBE	**SDI OUT** REEMBED 16 CH.

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	MΛVRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

3x 2.4" 60 mm DISPLAY	5 W RMS per side, 12 W Peak SPEAKER POWER OUTPUT	90 dB SPL @ 2 feet PEAK ACOUSTIC OUTPUT	up to 64 PRESETS	8.0 lbs 3.6 kg / 5.5 lbs 2.5 kg WEIGHT/NET WEIGHT

- **1RU video and audio monitor with up to 16 channels from multiple sources**
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- Optional output routing: route input signals to various outputs (via software license key)
- Re-embed 16 selected audio channels over the integrated SDI OUT

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 12G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

*i*VAM2-12G

SKU: 8121-0200

SOFTWARE UPDATE		

MONITORING	ANALOG OUT	SDI I/O	VIDEO OUT	AES3 I/O	MADI I/O
16	**2x**	**12G** [2/1]	**HDMI**	**4x**	**1x**
CHANNELS	XLR	BNC		DB-15	BNC

AUDIO VIDEO | IP

MAVRIC
READY

STEREO	DUAL SPEAKERS		HEADPHONES		2x TOUCH SCREEN	**16** AUDIO METERS		NET REMOTE

SOFTWARE/SAAS UPDATES

HARDWARE FORMAT OPTIONS

IP-ready, 16 channel video and audio monitor with MAVRIC support. The 2RU device provides two large screens and powerful speakers. It includes loudness measurement, phase status and HDR detection. It provides a HDMI output for the video source and the option for Dolby processing.

The standard setup provides 12G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot. The built-in, touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets. The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

1RU version with 3 screens: iVAM1-12G   **Single Monitor budget version:** iVAM1-1-G

3G-SDI version: iVAM2-2-G

PROCESSING	AUDIO/GPIO
Dolby	**4x AES3 I/O** BNC I/O
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MAVRIC AUDIO PROBE	**SDI OUT** REEMBED 16 CH.

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	**MAVRIC** VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

2x 4.3" 109 [mm]	15 [W] RMS per side, 30 [W] Peak	104 [dB SPL] @ 2 [feet]	up to 64	12 [lbs] 5.5 [kg] / 8 [lbs] 3.6 [kg]
DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **2RU video and audio monitor with up to 16 channels from multiple sources**
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- Monitoring of Dolby® D, DD+ or E streams. Software activation key
- Output routing: route input signals to various outputs (via software license key)
- Re-embed 16 selected audio channels over the integrated SDI OUT

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 12G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

*i*VAM1-SUM8

SKU: 8121-0120

MONITORING	ANALOG OUT	SDI I/O	VIDEO OUT	AES3 I/O	MADI I/O
8	**2x**	**3G** ²/¹	**HDMI**	**4x**	**1x**
CHANNELS	XLR	BNC		DB-15	BNC

AUDIO VIDEO IP

MAVRIC READY

STEREO DUAL SPEAKERS	HEADPHONES	1x LARGE TOUCH SCREEN	8 AUDIO METERS	NET REMOTE

IP-ready 8 channel video and audio monitor with large touch screen and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. It provides a HDMI output for the video source and optional 2022-7 support.

The device provides two 3G-SDI inputs and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot.

Unique in this device class: the built-in, touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets. Fast selection and summing of up to 8 audio channels with video, allowing quick muting and hold-for-solo. Video display includes resolution indication and HDR detection. Virtual rotary dials showing trim levels with master volume control and master mute/unmute. Channel names can be displayed for each input or pulled from a router.

The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

1RU 16 channel version: iVAM1-SUM16-G
1RU 16 channel version with 12G SDI: iVAM1-SUM16-12G

OPTION CARD SLOT

SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
INTERNAL OUTPUT ROUTING	**4x AES3 I/O** 8 I/O CH (DB-15)
	MADI I/O BNC I/O
MAVRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE 2022-6 2022-7 2110
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	MAVRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

7" / 178 ᵐᵐ	5 ᵂ RMS per side, 12 ᵂ Peak	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ	up to 64	8.0 ˡᵇˢ 3.6 ᵏᵍ / 5.5 ˡᵇˢ 2.5 ᵏᵍ
TOUCSCREEN DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **1RU video and audio monitor** with up to 8 channels from multiple sources
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 12G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

iVAM1-SUM16-G

SKU: 8125-0130

	MONITORING	ANALOG OUT	SDI I/O	VIDEO OUT	SOFTWARE UPDATE	
					AES3 I/O	MADI I/O
	8 or 16	**2x**	**3G** $^{2/1}$	**HDMI**	**4x**	**1x**
	CHANNELS	XLR	BNC		DB-15	BNC

AUDIO VIDEO | **IP**

MAVRIC READY

STEREO — DUAL SPEAKERS   HEADPHONES   1x LARGE TOUCH SCREEN   16 AUDIO METERS   NET REMOTE

IP-ready 16 channel video and audio monitor with large touch screen and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. It provides a HDMI output for the video source and optional 2022-7 support.

The device provides two 3G-SDI inputs and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot.

Unique in this device class: the built-in, touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets. Fast selection and summing of up to 8 or 16 audio channels with video, allowing quick muting and hold-for-solo. The video display includes resolution indication and HDR detection. Virtual rotary dials showing trim levels with master volume control and master mute/unmute. Channel names can be displayed for each input or pulled from a router.

The device contains an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

1RU 8 channel version: iVAM1-SUM8-G
1RU 16 channel version with 12G SDI: iVAM1-SUM16-12G

OPTION CARD SLOT

GPIO   SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
	4x AES3 I/O 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MAVRIC AUDIO PROBE	**GPI/O** 4x GPI / 2x GPO

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO	
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE	**2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP	**12G-SDI** BNC+SFP
8x ANALOG I/O	MAVRIC VIDEO PROBE	

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.	7"/ 178 ^{mm} **TOUCSCREEN DISPLAY**	5 ^{W} RMS per side, 12 ^{W} Peak **SPEAKER POWER OUTPUT**	90 $^{dB\,SPL}$ @ 2 ^{feet} **PEAK ACOUSTIC OUTPUT**	up to 64 **PRESETS**	8.0 ^{lbs} 3.6 ^{kg} / 5.5 ^{lbs} 2.5 ^{kg} **WEIGHT/NET WEIGHT**

- **1RU video and audio monitor** with up to 16 channels from multiple sources
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP PORT MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP PORT VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 12G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

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RMoG-12G

SKU: 8140-0200

SOFTWARE UPDATE
1x IN / LOOP OUT

MONITORING | SDI I/O
16 | **12G** 2/3
CHANNELS | BNC

MADI
BNC

AUDIO VIDEO   IP

16 AUDIO METERS VIA WEB GUI

NET REMOTE

12G-SDI Remote Monitor in openGear form factor with options for SDI Fiber, MADI, ST2110, ST2022-6, Dante and Ravenna.

The card is perfect for situations where a local operator is not available to operate the monitor front panel.

Access to the I/O with Audio, Video, Meters and Loudness is possible via a web interface using standard web browser. It's also compatible with MAVRIC for multi-user remote monitoring and automated alerts.

One channel of HD Video and 8 channels of Audio selected from the available inputs, are encoded (H.264) at a selectable bitrate, and streamed as WebRTC via the network interface for remote monitoring.

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante	SMPTE **2022-6 2110** (W/EMBER+ W/NMOS)
RAVENNA AES67 HITLESS 2022-7	**12G-SDI IN** 12G, 3G/HD/SD-SDI optical
MADI IN BNC In / loop Out	

Remote Access | up to 8 | 2.0 lbs 0.9 kg / 1 lbs 0.45 kg
RJ45 | PRESETS | WEIGHT/NET WEIGHT

- **OpenGear card for video and audio monitor with up to 16 channels from multiple sources**
- **Ships standard with 2 x 12G SDI Inputs with a selected 12G-SDI output. SDI Input can be optionally configured to accept MADI.**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards, Stereo phase indicators

OPTIONAL FORMATS
- **SFP-12G-SDI Fiber** 12G, 3G/HD/SD-SDI single mode Optical LC (fiber) video receiver
- **SFP-2110:** Receiver; Multi-Mode 850 NM, LC Connectors. Ships standard with NMOS, can be set to Ember+
- **SFP-2110+2022-6:** Either-Or; Multi-Mode 850 NM, LC Connectors. Ships standard with NMOS, can be set to Ember+
- **SFP-2022-6:** Receiver; LC Connectors
- **OPT-MADI:** Enable monitoring of 1 x MADI64 input
- **OPT-DANTE:** enables decoding and monitoring of up to 64 ch of Dante
- **OPT-Ravenna:** AES67 / 2110-30 Input streams with NMOS Support.

*i*AM SERIES AUDIO MONITORS OVERVIEW

*i*AM1-MIX8-G
1x LARGE TOUCHSCREEN*

8 CHANNELS OR 8 PAIRS

12G VERSION ▶

*i*AM1-MIX8-12G
1x LARGE TOUCHSCREEN*

8 CHANNELS OR 8 PAIRS

*i*AM1-8
3x TOUCH SCREEN

8 CHANNELS

12G VERSION ▶

*i*AM1-12G
3x TOUCH SCREEN

16 CHANNELS

2RU VERSION WITH 2 LARGER DISPLAYS AND POWERFUL SPEAKERS

*i*AM2-8
2x LARGE TOUCH SCREEN

8 CHANNELS

1RU SINGLE MONITOR 16 CHANNEL VERSION

*i*AM-AUDIO-1+
3x TOUCH SCREEN

16 CHANNELS

2RU VERSION WITH 2 LARGER DISPLAYS AND POWERFUL SPEAKERS

*i*AM-AUDIO-2+

16 CHANNELS

*i*AM1-SUM8

8 CHANNELS

*i*AM1-SUM16

16 CHANNELS

*i*AM1-SUM32
1x LARGE TOUCHSCREEN*

32 CHANNELS

* Fast selection and summing. Quick muting, hold-for-solo.
Virtual rotary dials showing trim levels, master volume control and master mute/unmute. Supports channel names.

*i*AM DEVICES COMMON FEATURE SET

IP READY	**2x** ANALOG I/O	**SDI** 2x IN / 1x OUT	MAVRIC READY

STEREO DUAL SPEAKERS	HEADPHONES	NET REMOTE

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MAVRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	**SMPTE** 2022-6 2022-7 2110
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	MAVRIC VIDEO PROBE

Support for ALL broadcast video and/or audio formats // Made in USA

*i*AM1-12G

SKU: 8114-0600

MONITORING	ANALOG OUT	SDI I/O		SOFTWARE UPDATE	
				AES3 I/O	MADI I/O
16	**2x**	**12G** ²/¹		**4x**	**1x**
CHANNELS	XLR	BNC		DB-15	BNC

AUDIO IP

M∧VRIC
READY

DUAL SPEAKERS   STEREO

HEADPHONES

3x TOUCH SCREEN

16 AUDIO METERS

NET REMOTE

OPTION CARD SLOT

SFP VIDEO   SFP MADI

IP-ready 16 channel audio monitor with triple screen and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. It provides an option for Dolby processing and 2022-7 support.

The standard setup provides 12G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot (see right).

The built-in, touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets.

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

Video feed monitoring version: iVAM1-12G
Video feed monitoring version (3G-SDI): iVAM1-3

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
DD Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
M∧VRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
⠋ Dante, RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	M∧VRIC VIDEO PROBE

3x 2.4" 60 mm	5 W RMS per side, 12 W Peak	90 dB SPL @ 2 feet	up to 64	8.0 lbs 3.6 kg / 5.5 lbs 2.5 kg
DISPLAY	SPEAKER POWER OUTPUT	PEAK ACOUSTIC OUTPUT	PRESETS	WEIGHT/NET WEIGHT

- **1RU audio monitor with up to 16 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

*i*AM1-8

SKU: 8114-0500

	MONITORING	ANALOG OUT	SDI I/O		SOFTWARE UPDATE	
					AES3 I/O	MADI I/O
	8	**2x**	**3G** ²/¹		**4x**	**1x**
	CHANNELS	XLR	BNC		DB-15	BNC

AUDIO IP

M/\VRIC
READY

STEREO — DUAL SPEAKERS   HEADPHONES   3x TOUCH SCREEN   **8** AUDIO METERS   NET REMOTE

IP-ready, budget-friendly 8 channel audio monitor with triple screen and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. The standard setup provides 3G-SDI and a dual analog I/O. Dolby processing, other formats and I/O options are available as license or via the hardware option slot (see right).

Three touch-capable displays are designed for easy operation and provide fast access to audio meters, menus and presets.

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

2RU version: iAM2-8
16-ch version: iAM-AUDIO-1+/ iAM-AUDIO-2+
16-ch 12G version: iAM1-12G
Video feed monitoring version: iVAM1-3

OPTION CARD SLOT

SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
DD Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
M/\VRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante **RAVENNA AES⁶⁷** HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	M/\VRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

3x 2.4" 60 ᵐᵐ	5 ᵂ RMS per side, 12 ᵂ Peak	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ	up to 64	8.0 ˡᵇˢ 3.6 ᵏᵍ / 5.5 ˡᵇˢ 2.5 ᵏᵍ
DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **1RU audio monitor with up to 8 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output
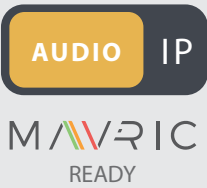
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*i*AM2-8

SKU: 8114-0550

MONITORING	ANALOG OUT	SDI I/O		AES3 I/O	MADI I/O
8	**2x**	**3G** 2/1		**4x**	**1x**
CHANNELS	XLR	BNC		DB-15	BNC

AUDIO IP

M/\V?IC
READY

STEREO DUAL SPEAKERS	HEADPHONES	2x LARGE TOUCH SCREEN	8 AUDIO METERS	NET REMOTE

IP-ready, budget-friendly 8-channel audio monitor with two large screens and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. The standard setup provides 3G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot.

Two touch-capable displays are designed for easy operation and provide fast access to audio meters, menus and presets.

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

1 RU version with 8 channels: iAM1-8
1 RU version with 16 channels: iAM-AUDIO-1+
12G 1RU version: iAM1-12G
Video feed monitoring version: iVAM2-2-G

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
DD Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
M/\V?IC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	M/\V?IC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

2x 4.3" 109 mm DISPLAY	⌁ 15 W RMS per side, 30 W Peak SPEAKER POWER OUTPUT	102 dB SPL @ 2 feet PEAK ACOUSTIC OUTPUT	up to 64 PRESETS	10 lbs 4.6 kg / 8 lbs 3.5 kg WEIGHT/NET WEIGHT

- **2RU audio monitor with up to 8 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES
- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

*i*AM-AUDIO-1+

SKU: 8114-0400

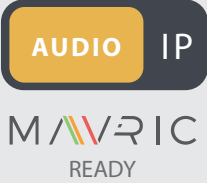|	MONITORING	ANALOG OUT	SDI I/O		SOFTWARE UPDATE	
					AES3 I/O	MADI I/O
	8	**2x**	**3G** $^{2/1}$		**4x**	**1x**
	CHANNELS	XLR	BNC		DB-15	BNC

AUDIO **IP**

M/\VRIC
READY

STEREO — DUAL SPEAKERS   HEADPHONES   3x TOUCH SCREEN   **16** AUDIO METERS   NET REMOTE

OPTION CARD SLOT

SFP VIDEO   SFP MADI

IP-ready 16 channel audio monitor with triple screen and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. The standard setup provides 3G-SDI and a dual analog I/O. Dolby processing, other formats and I/O options are available as license or via the hardware option slot (see right).

Three built-in touch-capable displays are designed for easy operation and provide fast access to audio meters, menus and presets.

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

2 RU version: iAM-AUDIO-2+
12G version: iAM1-12G
Video feed monitoring version: iVAM1-3

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
M/\VRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES**67** HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP ∣ **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	M/\VRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

3x 2.4" 60 ^{mm}	5 ^{W} RMS per side, 12 ^{W} Peak	90 $^{dB\ SPL}$ @ 2 ^{feet}	up to 64	8.0 ^{lbs} 3.6 ^{kg} / 5.5 ^{lbs} 2.5 ^{kg}
DISPLAY	SPEAKER POWER OUTPUT	PEAK ACOUSTIC OUTPUT	PRESETS	WEIGHT/NET WEIGHT

- **1RU audio monitor with up to 16 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES
- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)
- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)
- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

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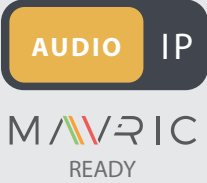# *i*AM-AUDIO-2+

SKU: 8114-0450

MONITORING	ANALOG OUT	SDI I/O	AES3 I/O	MADI I/O
16 CHANNELS	**2x** XLR	**3G** ²/¹ BNC	**4x** DB-15	**1x** BNC

AUDIO | IP

M∧∨RIC
READY

STEREO **DUAL SPEAKERS**	**HEADPHONES**	**2x LARGE TOUCH SCREEN**	**16** AUDIO METERS	**NET REMOTE**

IP-ready 16 channel audio monitor with two large screens and MAVRIC support.

The device includes loudness measurement, phase status and HDR detection. The standard setup provides 3G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot.

Two large touch-capable displays are designed for easy operation and provide fast access to audio meters, menus and presets.

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

1 RU version: iAM-AUDIO-1+
12G 1RU version: iAM1-12G
Video feed monitoring version: iVAM2-2-G

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
DD Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
M∧∨RIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
⁙ **Dante** RAVENNA AES**67** HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	M∧∨RIC VIDEO PROBE

2x 4.3" 109 ᵐᵐ DISPLAY	5 ᵂ RMS per side, 12 ᵂ Peak SPEAKER POWER OUTPUT	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ PEAK ACOUSTIC OUTPUT	up to 64 PRESETS	10 ˡᵇˢ 4.5 ᵏᵍ / 8.0 ˡᵇˢ 3.6 ᵏᵍ WEIGHT/NET WEIGHT

- **2RU audio monitor with up to 16 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
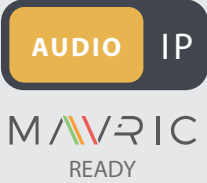- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

*i*AM1-MIX8-G

SKU: 8125-0310

MONITORING	ANALOG OUT	SDI I/O	SOFTWARE UPDATE	
			AES3 I/O	MADI I/O
8 (or 8 pairs)	**2x**	**3G** ²/¹	**4x**	**1x**
CHANNELS	XLR	BNC	DB-15	BNC

AUDIO | IP

MAVRIC
READY

STEREO — DUAL SPEAKERS   HEADPHONES   1x LARGE TOUCH SCREEN   **8** AUDIO METERS   NET REMOTE

IP-ready 8 mone channels or eight stereo pairs (16) professional audio monitor with MAVRIC support.

The built-in, large touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets. The design emphasizes individual mechanical controls for sum, mute and solo operations. The iAM-MIX8-G can be configured to operate in either single channel (8 channel) or pair mode (16 channel). The screen support Evertz, Grass Valley & Tallyman protocols for automated display of channel labels.

The device includes phase status.

The standard setup provides 3G-SDI and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot (see right).

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

12G version: iAM1-MIX8-12G

OPTION CARD SLOT

SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
	4x AES3 I/O 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MAVRIC AUDIO PROBE	**GPI/O** 4x GPI / 2x GPO

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6** **2022-7** **2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP	**12G-SDI** BNC+SFP
8x ANALOG I/O	MAVRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

7" / 178 ᵐᵐ	5 ᵂ RMS per side, 12 ᵂ Peak	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ	up to 64	8.0 ˡᵇˢ 3.6 ᵏᵍ / 5.5 ˡᵇˢ 2.5 ᵏᵍ
DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **1RU audio monitor with up to 16 channels from multiple sources**
- **HDMI output** playback of the monitored video source to external devices
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES
- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS
SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)
- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)
- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output
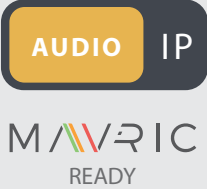
53

iAM1-MIX8-12G

SKU: 8125-0310

MONITORING	ANALOG OUT	SDI I/O			
8 (or 8 pairs) CHANNELS	**2x** XLR	**12G** ²/¹ BNC			

SOFTWARE UPDATE

AES3 I/O	MADI I/O
4x DB-15	**1x** BNC

AUDIO | IP

M∧VRIC
READY

STEREO DUAL SPEAKERS	HEADPHONES	1x LARGE TOUCH SCREEN	8 AUDIO METERS	NET REMOTE

OPTION CARD SLOT

SFP VIDEO   SFP MADI

IP-ready 8 mone channels or eight stereo pairs (16) professional audio monitor with MAVRIC support.

The built-in, large touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets. The design emphasizes individual mechanical controls for sum, mute and solo operations. The master volume control provides a master mute/unmute. The iAM-MIX8-12G can be configured to operate in either single channel (8 channel) or pair mode (16 channel). The screen support Evertz, Grass Valley & Tallyman protocols for automated display of channel labels.

The device includes loudness measurement, phase status and HDR detection. It provides an option for Dolby processing and 2022-7 support.

The standard setup provides two 12G-SDI inputs, a 3G SDI output and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot (see right).

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

3G version: iAM1-MIX8-G with GPI/O option

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
INTERNAL OUTPUT ROUTING	**4x AES3 I/O** 8 I/O CH (DB-15)
M∧VRIC AUDIO PROBE	**MADI I/O** BNC I/O

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
❖ Dante RAVENNA AES67 HITLESS 2022-7	SMPTE **2022-6** **2022-7** **2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	M∧VRIC VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

7" / 178 ᵐᵐ **DISPLAY**	5 ᵂ RMS per side, 12 ᵂ Peak **SPEAKER POWER OUTPUT**	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ **PEAK ACOUSTIC OUTPUT**	up to 64 **PRESETS**	8.0 ˡᵇˢ 3.6 ᵏᵍ / 5.5 ˡᵇˢ 2.5 ᵏᵍ **WEIGHT/NET WEIGHT**

- **1RU audio monitor with up to 16 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES
- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)
- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)
- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

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*i*AM1-SUM8

SKU: 8121-0350

MONITORING	ANALOG OUT	SDI I/O		SOFTWARE UPDATE	
				AES3 I/O	MADI I/O
8	**2x**	**3G** 2/1		**4x**	**1x**
CHANNELS	XLR	BNC		DB-15	BNC

AUDIO IP

MAVRIC READY

			8	
STEREO DUAL SPEAKERS	HEADPHONES	1x LARGE TOUCH SCREEN	AUDIO METERS	NET REMOTE

IP-ready 8 channel professional audio monitor with MAVRIC support.

The built-in, large touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets.

The screen provides individual controls for the fast selection and summing of up to 8 sum, allowing quick muting and hold-for-solo. Virtual rotary dials showing trim levels. The master volume control works as a master mute/unmute. Channel names can be displayed for each input or pulled from a router with Evertz, Grass Valley & Tallyman protocols for automated display of channel labels.

The device includes loudness measurement and phase status.

The standard setup provides two 3G-SDI inputs, a 3G SDI output and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot (see right). The optional MADI input on BNC is looped out.

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

16/32 channel versions: iAM1-SUM16 / iAM1-SUM32

OPTION CARD SLOT

SFP VIDEO   SFP MADI

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
INTERNAL OUTPUT ROUTING	**4x AES3 I/O** 8 I/O CH (DB-15)
	MADI I/O BNC I/O
MAVRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante **RAVENNA AES67** HITLESS 2022-7	**SMPTE** 2022-6 / 2022-7 / 2110
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	**MAVRIC** VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.	7" / 178 mm **DISPLAY**	5 W RMS per side, 12 W Peak **SPEAKER POWER OUTPUT**	90 dB SPL @ 2 feet **PEAK ACOUSTIC OUTPUT**	up to 64 **PRESETS**	8.0 lbs 3.6 kg / 5.5 lbs 2.5 kg **WEIGHT/NET WEIGHT**

- **1RU audio monitor with 8 channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES

- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS

SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)

- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)

- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

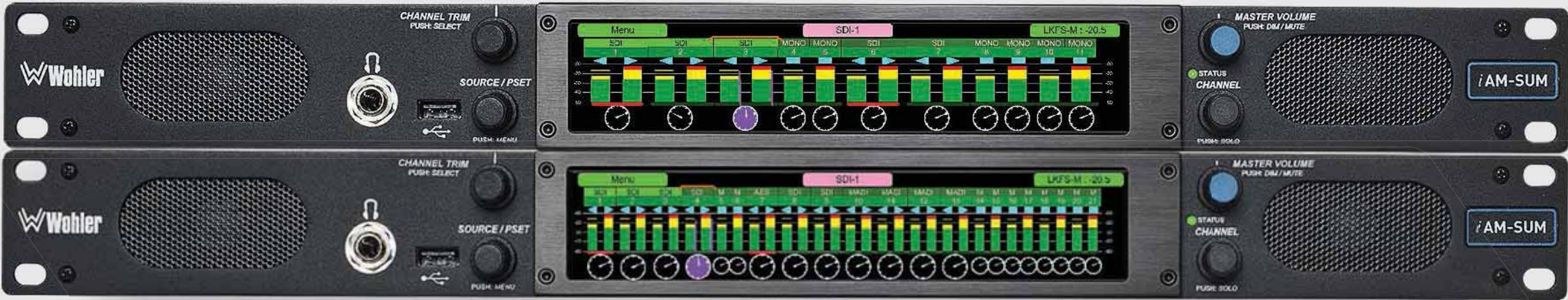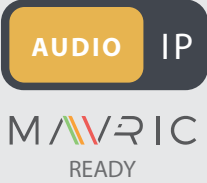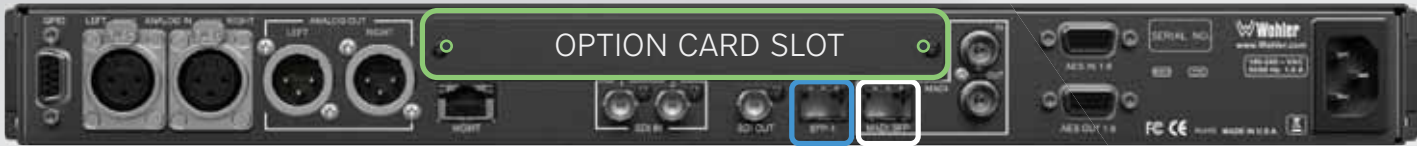# *i*AM1-SUM16 / *i*AM1-SUM32

SKU: 8121-0351 SKU: 8121-0352

MONITORING	ANALOG OUT	SDI I/O	AES3 I/O	MADI I/O
16/32	**2x**	**3G** ²/¹	**4x**	**1x**
CHANNELS	XLR	BNC	DB-15	BNC

AUDIO IP

MAVRIC READY

STEREO — DUAL SPEAKERS • HEADPHONES • 1x LARGE TOUCH SCREEN

16/32 AUDIO METERS • NET REMOTE

OPTION CARD SLOT

SFP VIDEO   SFP MADI

IP-ready 16/32 channel professional audio monitor with MAVRIC support.

The built-in, large touch-capable display is designed for easy operation and provides fast access to audio meters, menus and presets. The screen provides individual controls for the fast selection and summing of up to 16/32 sum, allowing quick muting and hold-for-solo. Virtual rotary dials showing trim levels. The master volume control works as a master mute/unmute. Channel names can be displayed for each input or pulled from a router with Evertz, Grass Valley & Tallyman protocols for automated display of channel labels.

The device includes loudness measurement and phase status. The standard setup provides two 3G-SDI inputs, a 3G SDI output and a dual analog I/O. Other formats and I/O options are available as license or via the hardware option slot (see right). The optional MADI input on BNC is looped out.

All iAM Series monitors contain an onboard web server. This way multiple Wohler units on the same network can be monitored, controlled and updated via a web-based user interface.

8 channel versions: iAM1-SUM8

SOFTWARE/SAAS UPDATES

PROCESSING	AUDIO/GPIO
Dolby	**4x AES3 I/O** 8 I/O CH (DB-15)
INTERNAL OUTPUT ROUTING	**MADI I/O** BNC I/O
MAVRIC AUDIO PROBE	

HARDWARE FORMAT OPTIONS

AUDIO	VIDEO
Dante / **RAVENNA** AES67 HITLESS 2022-7	SMPTE **2022-6 2022-7 2110**
MADI opt. (64x IN) Multimode or Singlemode	**3G-SDI** + 2x via SFP / **12G-SDI** +2x BNC+SFP
8x ANALOG I/O	**MAVRIC** VIDEO PROBE

MAVRIC ready: Support for remote monitoring by MAVRIC software applications suite. Built-in audio-only remote monitoring probe. MAVRIC system required. Video probe update with OPT-RMOC-12G card.

7" / 178 mm	5 W RMS per side, 12 W Peak	90 dB SPL @ 2 feet	up to 64	8.0 lbs 3.6 kg / 5.5 lbs 2.5 kg
DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **1RU audio monitor with 16 (SUM16) or 32 (SUM32) channels from multiple sources**
- **Measurement** Audio Loudness with ITU-R BS.1770 or EBU R128 standards
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)

SOFTWARE PROCESSING UPDATES
- OPT-DOLBY: Enables monitoring of Dolby® D, DD+ or E streams. Software activation key
- OPT-OUTPUT ROUTING: Optional output routing: route input signals to various outputs (via software license key)

OPTIONAL HARDWARE SFP I/O FORMATS
SFP MADI: SFP SM-MADI (Singlemode opt), SFP MM-MADI (Multimode opt),
SFP VIDEO: SDI BNC, SDI Fiber, SFP-2022-6, SFP-2110 w/Ember+ or NMOS or 2022-6

OPTION SLOT (1x CARD)
- **12G + MAVRIC option:** OPT-RMOC-12G - with single BNC & SFP slot for 12G/3G SDI or ST2110 input
- **8x Analog I/O + Optical In:** OPT-ANLG/TOS
- **Dante/Ravenna 64x In & SPDIF In (Toslink):** OPT-DANTE/RAVENNA
- **Dante/Ravenna 64x In & 2x Analog Input (unbalanced):** OPT-RAVENNA64/OPT-RAVENNA64 ANLG
- **2x SFP port:** OPT-SFP - adds two additional 3G inputs

I/O OPTIONS - SOFTWARE ACTIVATION (WITH LICENSE KEY)
- **OPT-AES:** monitoring of 4 x AES Input Pairs with 4 x AES Output Pairs
- **OPT-MADI:** monitoring of 1 x MADI64 input via BNC with a looped output

*e*VAM / *e*AMP SERIES AUDIO MONITORS

3G-SDI

VIDEO MONITORING

eVAM1-1
1x TOUCH SCREEN | 4/2 **ANALOG** | 1x **AES3** | 2/1 **SDI**
16 METERS

HDMI I/O CARD ALREADY EQUIPPED

eVAM1-1+
1x TOUCH SCREEN | 4/2 **ANALOG** | 1x **AES3** | 2/1 **SDI**
16 METERS

AMP1-2SDA
2/2 **ANALOG** | 1x **AES3** | 1/1 **SDI**
2 METERS

AMP1-2SDA+
2+8 pairs/2 **ANALOG** | 1x + 4x **AES3** | 1/1 **SDI**
2 METERS

eAMP1-S8-MDA
1x LARGE TOUCHSCREEN* | 2+8/2+8 **ANALOG** | 4x **AES3** | 1/1 **SDI**
8 METERS

eAMP1-S16-MDA
1x LARGE TOUCHSCREEN* | 2+8/2+8 **ANALOG** | 4x **AES3** | 1/1 **SDI**
16 METERS

eAMP1-8-M
1x LARGE TOUCHSCREEN* | 2x OUT **ANALOG** | 2/3 **SDI**
8 METERS

eAMP1-16-M
1x LARGE TOUCHSCREEN* | 2x OUT **ANALOG** | 2/3 **SDI**
16 METERS

eAMP1-S8-2MDA
1x LARGE TOUCHSCREEN* | 2+8/2+8 **ANALOG** | 4x **AES3** | 2/3 **SDI**
8 METERS

eAMP1-S16-2MDA
1x LARGE TOUCHSCREEN* | 2+8/2+8 **ANALOG** | 4x **AES3** | 2/3 **SDI**
16 METERS

NO SDI

eAMP1-S8-DA
1x LARGE TOUCHSCREEN* | 2+8/2+8 **ANALOG** | 4x **AES3**
8 METERS

AMP1A-PLUS
4/2 **ANALOG**
2 OUT SPEAKERS

VMQ-4
4/0 **ANALOG**
4 OUT SPEAKERS

HRS-1S
2/2 **ANALOG**
2 OUT SPEAKERS

*i*AM DEVICES COMMON FEATURE SET

STEREO **DUAL SPEAKERS**   **HEADPHONES**   Made in USA

* Fast selection and summing. Quick muting, hold-for-solo.

eVAM1-1 / eVAM1-1+

SKU: 8300-0500 / SKU: 8300-0510

MONITORING	ANALOG OUT	AES3 I/O	SDI I/O	I/O CARD
16 CHANNELS	**2x** XLR	**1x** BNC	**3G** ²/¹ BNC	**HDMI** + VERSION ONLY

AUDIO VIDEO BASEBAND

| STEREO DUAL SPEAKERS	HEADPHONES	1x TOUCH SCREEN	16 AUDIO METERS	NET REMOTE

Budget-friendly IP-ready 16 channel video and audio monitor with a single screen, which toggles between video and level meters.

eVAM1-1 and eVAM1-1+ are well featured, easy to use, competitively priced baseband only devices.

Both identical versions come with 3G-SDI (2 inputs), AES3 (1 pair) & Analog Inputs & Outputs (2 selectable pairs on XLR or RCA). Additionally, the 1-1+ version comes already with the HDMI I/O card equipped.

With touch screen operation included as well as 8 presets, the eVAM1-1 and eVAM1-1+ are the perfect solution for any application that requires a compact product for monitoring of baseband signals.
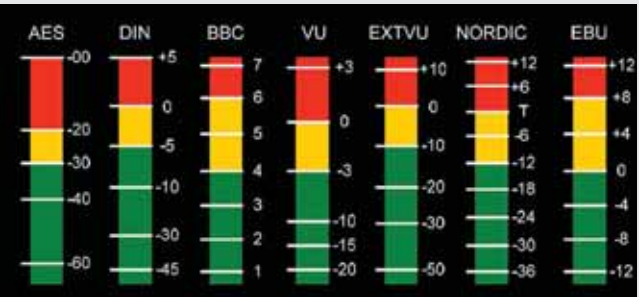
Audio meters are displayed on the touch screen LCD display in up to 8 channel pairs (left). A choice of seven Peakmeter scales is available (top).

Audio Loudness with ITU-R BS.1770 or EBU R128 standards, Stereo phase indicators	1x 2.4" 60 ᵐᵐ	5 ᵂ RMS per side, 12 ᵂ Peak	90 ᵈᴮ ˢᴾᴸ @ 2 ᶠᵉᵉᵗ	up to 8	8.0 ˡᵇˢ 3.6 ᵏᵍ / 5.5 ˡᵇˢ 2.5 ᵏᵍ
MEASUREMENT	**DISPLAY**	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**PRESETS**	**WEIGHT/NET WEIGHT**

- **1RU video and audio monitor with up to 16 channels from multiple sources**
- **HDMI output** playback of the monitored video source to external devices (+ Version)
- **Built-in** dual speaker, headphone jack, USB and Ethernet ports with API's for remote management
- **Upgrades:** Software upgradeable via USB or GUI web interface (multiple units on the same network)
- 8 presets
- Adjustable Volume and Balance
- Automatic frame rate detection and selection
- Selectable line level or front panel volume control and outputs
- Shallow chassis depth for easy installation in OB vehicles and consoles

- Remote GUI for preset creation and web meters
- APIs for remote management

AMP1-2SDA / AMP1-2SDA+

SKU: 8103-0200   SKU: 8103-0210

MONITORING	ANALOG IN	ANALOG I/O	ANALOG IN	AES3 I/O	AES3 IN	SDI I/O
2 fr 8/16	**2x**	**2x**	**8 pairs**	**1x**	**8 pairs**	**3G**
CHANNELS	RCA	XLR	2x DB-25 + Version only	BNC	DB-25 + Version only	BNC

AUDIO
BASEBAND

STEREO — DUAL SPEAKERS   HEADPHONES

Ultra-compact, 2 channel audio monitor that fits perfectly in a network facility or OB truck for live events. Monitor through built-in speakers, headphones and analog outputs.

The unit provides Wohler build quality, a shallow depth of five inches, and great pricing. Fast selection and monitoring of any available pair of audio is available via either 1 x 3G-SDI (with looped output), 1 x AES3 input pair, and either of 2 pairs of Analog inputs (Balanced or Unbalanced).

An additional 8 pairs of both Analog and AES3 on 3 x DB-25 inputs are included on the AMP1-2SDA+ model. Analog and AES3 outputs of the selected pair are included in the unit for external monitoring.

Designed with simplicity in mind, the AMP1-2SDA provides two rotary controls that allow the user to easily select a source with the first and then move through that source's corresponding audio pairs with the second. A large front panel screen, highly visible to users, displays the selected source and monitored pair, along with brightly displayed levels on 2 x 26 segment LED meters. Additional features include simple tone controls for adjusting audio output and an audio trim control for altering the analog output levels.

AMP1-2SDA

AMP1-2SDA+
With additional 8 pairs of both Analog and AES3 on 3 x DB-25 inputs.

5 W RMS per side, 12 W Peak	90 dB SPL @ 2 feet	7.0 lbs 3.2 kg / 5 lbs 2.3 kg
SPEAKER POWER OUTPUT	**PEAK ACOUSTIC OUTPUT**	**WEIGHT/NET WEIGHT**

- Wohler quality sound
- Selectable 2 channel audio monitoring of 16-channel 3G-SDI, 2 channel AES, and 2 channel Analog (Balanced or Unbalanced)
- Bright, easily visible front panel display
- Simple uncluttered front panel controls
- Monitor through built-in speakers, headphones and analog outputs
- Shallow chassis for easy installation in OB vehicles and consoles
- Adjustable Volume and Balance
- Stereo phase indicator
- Selectable trim and tone controls
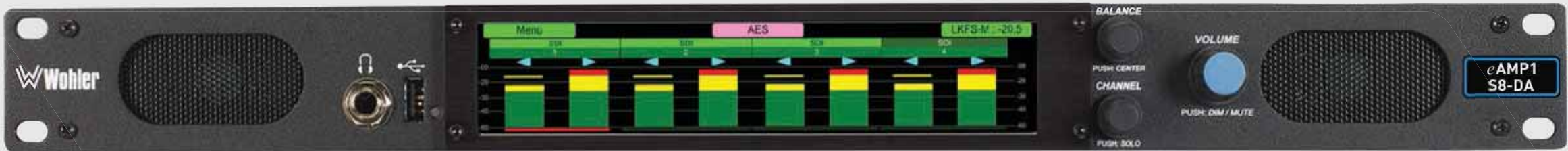
*e***AMP1-S8-DA**

SKU: 8300-0100

8	**2x** ᶴᶴᶴ	**8x** ᶴᶴᶴ	**4x** ᶴᶴᶴ
CHANNELS	ANALOG RCA IN	ANALOG I/O DB-25	AES I/O

AUDIO BASEBAND

STEREO	DUAL SPEAKERS	HEADPHONES	1x LARGE TOUCH SCREEN	8 ᶴᶴᶴ AUDIO METERS

The eAMP1-S8-DA offers fast and intuitive confidence monitoring of AES3 and analog audio sources. Whether in the studio or on the road, this unit provides simultaneous selection and summing of the selected source. It features adjustable volume and balance controls, clear display of levels, and phase indications.

The e AMP1-S8-DA is designed for easy operation and includes a wide 7" LCD touchscreen display providing fast access to input sources, meters and menus, all augmented by hardware controls.

The basic monitoring package includes AES3 and Analog inputs (no IP options), a software upgrade package that includes loudness, presets, web meters/monitoring/configuration and customized output routing is available to bring its functionality in line with the more recent iSeries offerings in our price list. Dolby D, DD+ and E decoding are also optional add-ons.

SOFTWARE/SAAS UPDATES

PROCESSING		
� Dolby	**OPT-e package** ADDS LOUDNESS MONITORING, PRESETS, & WEB METERING/ MONITORING/CONFIGURATION	**OPT-e Output Routing** ENABLES THE FLEXIBILITY TO ROUTE INPUT SIGNALS (AES & ANALOG ONLY) TO VARIOUS OUTPUTS. SOFTWARE ACTIVATION KEY.

7" / 178 mm	5 W RMS per side, 12W Peak	90 dB SPL @ 2 feet	5.8 lbs 2.6 kg / 3.3 lbs 1.5 kg
DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**WEIGHT/NET WEIGHT**

- Low cost and energy efficient
- Simultaneous level metering of 8 de-embedded audio channels from AES3 or Analog sources
- Quick, intuitive push-button or touch selection of any channels or pairs to sum, mute or solo
- Monitor through built-in speakers, headphones or analog outputs with Optional muting for internal speakers
- Stereo phase indicators
- Adjustable Volume and Balance
- Balanced stereo analog outputs on XLR-Ms. Fixed level or volume/balance controlled.

- Automatic frame rate detection and selection
- Selectable line level or front panel volume control and outputs
- Shallow chassis depth for easy installation in OB vehicles and consoles
- OPT DOLBY adds decoding of *Dolby D, DD+ and E (requires OPT-e package)
- APIs provide easy integration with 3rd party systems (requires OPT- e package)

*e*AMP1-S8-MDA
*e*AMP1-S16-MDA

SKU: 8300-0110
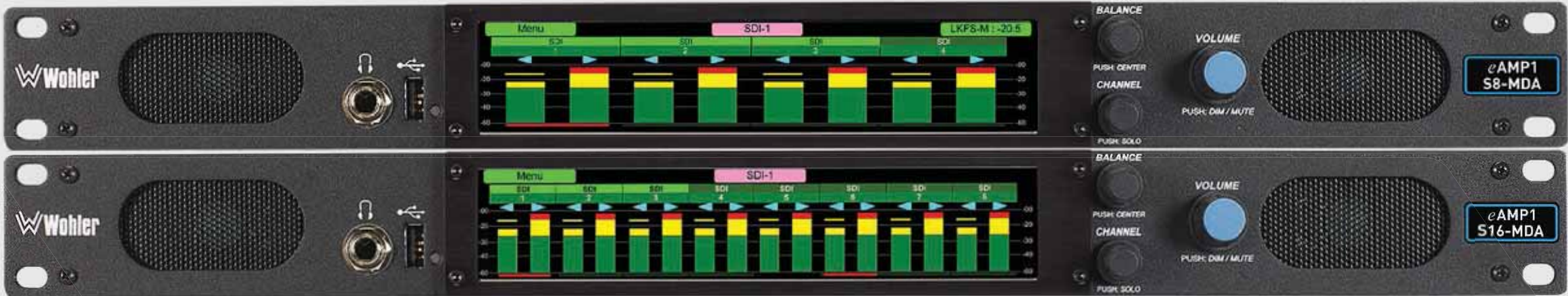
SKU: 8300-0210

MONITORING	ANALOG IN	ANALOG I/O	AES3 I/O	SDI I/O
8 or 16	**2x**	**8x**	**4x**	**3G**
CHANNELS	RCA	DB-25	DB-15	BNC

AUDIO
BASEBAND

STEREO DUAL SPEAKERS   HEADPHONES   1x LARGE TOUCH SCREEN

8/16 AUDIO METERS

The eAMP1-S8-MDA/eAMP1-S16-MDA offer fast and intuitive confidence monitoring of 3G/HD/SD-SDI, AES3 and analog audio sources. Whether in the studio or on the road, this unit provides simultaneous selection and summing of the selected source. It features adjustable volume and balance controls, clear display of levels, and phase indications.

The device is designed to be much easier to operate than the retired S8's and include a wide 7" LCD touchscreen display providing fast access to input sources, meters and menus, all augmented by hardware controls.

And while we are putting our best price forward with a basic monitoring package that includes 3G/HD/SD-SDI, AES and Analog inputs (no IP options), a software upgrade package that includes loudness, presets, web meters/monitoring/configuration and customized output routing is available to bring its functionality in line with the more recent iSeries offerings in our price list. Dolby D, DD+ and E decoding are also optional add-ons

SOFTWARE/SAAS UPDATES

PROCESSING

Dolby	**OPT-e package** ADDS LOUDNESS MONITORING, PRESETS, & WEB METERING/ MONITORING/CONFIGURATION	**OPT-e Output Routing** ENABLES THE FLEXIBILITY TO ROUTE INPUT SIGNALS (AES & ANALOG ONLY) TO VARIOUS OUTPUTS. SOFTWARE ACTIVATION KEY.

7" / 178 mm	**5** W RMS per side, 12W Peak	**90** dB SPL @ 2 feet	**5.8** lbs **2.6** kg / **3.3** lbs **1.5** kg
DISPLAY	SPEAKER POWER OUTPUT	PEAK ACOUSTIC OUTPUT	WEIGHT/NET WEIGHT

- Low cost and energy efficient
- Simultaneous level metering of 16 de-embedded audio channels from SDI input, AES or Analog sources
- Quick, intuitive push-button or touch selection of any channels or pairs to sum, mute or solo
- Monitor through built-in speakers, headphones or analog outputs with Optional muting for internal speakers
- Stereo phase indicators
- Adjustable Volume and Balance
- Balanced stereo analog outputs on XLR-Ms. Fixed level or volume/balance controlled.
- Automatic frame rate detection and selection
- Selectable line level or front panel volume control and outputs

- Shallow chassis depth for easy installation in OB vehicles and consoles
- OPT DOLBY adds decoding of *Dolby D, DD+ and E (requires OPT-e package)
- APIs provide easy integration with 3rd party systems (requires OPT- e package)
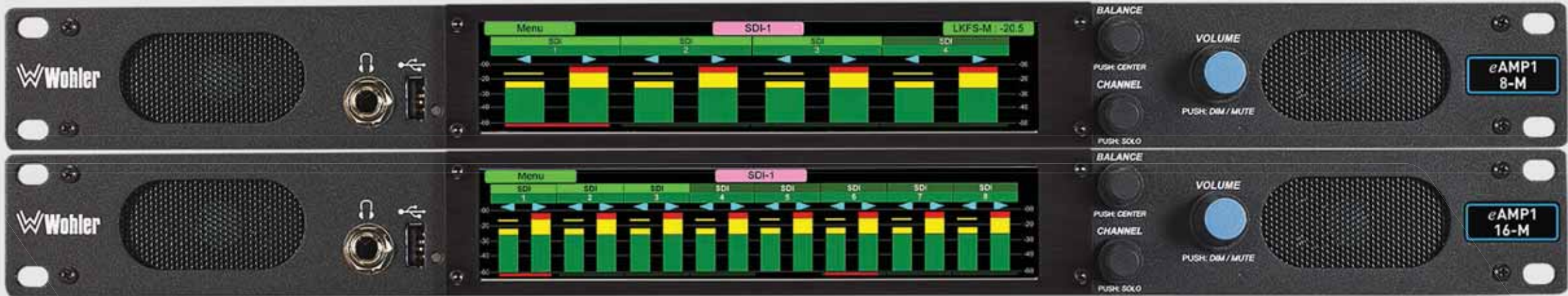
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*e*AMP1-8-M / *e*AMP1-16-M

SKU: 8130-0140   SKU: 8130-0240

MONITORING
8 or 16
CHANNELS

ANALOG OUT
2x
XLR

SDI I/O
3G 2/3
BNC

AUDIO
BASEBAND

STEREO / DUAL SPEAKERS	HEADPHONES	1x LARGE TOUCH SCREEN	8/16 AUDIO METERS

Single 7"screen, compact, low-cost, yet professional unit to select and monitor up to 8 or 16 audio channels from either of two 3G/HD/SD-SDI inputs.

The device provides fast, intuitive operation for monitoring SDI audio in the most demanding production applications. Whether in the studio or on the road, these models provide simultaneous selection and summing of any grouping of SDI audio pairs.

Both devices feature adjustable volume and balance controls, clear display of levels, and phase indications on a bright 7" LED-backlit LCD display.

SOFTWARE/SAAS UPDATES

PROCESSING

Dolby

OPT-e package
ADDS LOUDNESS MONITORING, PRESETS, & WEB METERING/ MONITORING/CONFIGURATION

7" / 178 mm	5 W RMS per side, 12W Peak	90 dB SPL @ 2 feet	5.8 lbs 2.6 kg / 3.3 lbs 1.5 kg
DISPLAY	SPEAKER POWER OUTPUT	PEAK ACOUSTIC OUTPUT	WEIGHT/NET WEIGHT

- Simultaneous level metering of up to 8 or 16 channels of de-embedded audio channels from SDI
- 3x SDI out: 2x Loopback, 1x selected
- Touch-enabled or scroll and push selection of any pairs to sum for monitoring
- Monitor through built-in speakers, headphones and analog outputs with optional muting for internal speakers
- Stereo or mono monitoring
- Stereo phase indicators
- Adjustable Volume and Balance
- Balanced stereo analog outputs on XLR-Ms with fixed level or volume / balance configuration options.

- Automatic frame rate detection and selection
- Selectable line level or front panel volume control and outputs
- Shallow chassis depth for easy installation in OB vehicles and consoles
- OPT-DOLBY adds decoding of *Dolby D, DD+ and E (requires OPT-e package)
- APIs provide easy integration with 3rd party systems (requires OPT- e package)

*e*AMP1-S8-2MDA
SKU: 8300-0120

*e*AMP1-S16-2MDA
SKU: 8300-0220

MONITORING
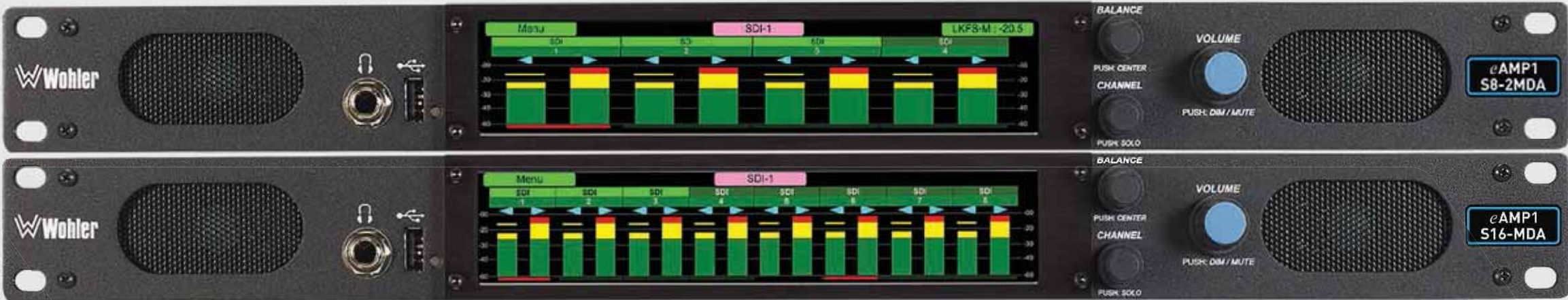**8 or 16**
CHANNELS

ANALOG IN
2x
RCA

ANALOG OUT
2x
XLR

SDI I/O
3G 2/3
BNC

AUDIO
BASEBAND

| STEREO | DUAL SPEAKERS | HEADPHONES | 1x LARGE TOUCH SCREEN | 8/16 AUDIO METERS |

The 1RU device offers fast and intuitive confidence monitoring of 3G/HD/SD-SDI, AES3 and analog audio sources. Whether in the studio or on the road, this unit provides simultaneous selection and summing of the selected source. It features adjustable volume and balance controls, clear display of levels, and phase indications.

Designed for easy operation, both devices include a wide 7" LCD touchscreen display providing fast access to input sources, meters and menus, all augmented by hardware controls. The basic monitoring package includes dual 3G/HD/SD-SDI, AES and Analog inputs (no IP options).

A software upgrade package that includes loudness, presets, web meters/monitoring/configuration and customized output routing is available to bring its functionality in line with the more recent iSeries offerings in our price list. Dolby D, DD+ and E decoding are also optional add-ons.

SOFTWARE/SAAS UPDATES

PROCESSING

| ▷◁ **Dolby** | **OPT-e package** ADDS LOUDNESS MONITORING, PRESETS, & WEB METERING/ MONITORING/CONFIGURATION |

7" / 178 mm	5 W RMS per side, 12W Peak	90 dB SPL @ 2 feet	8 lbs 3.6 kg / 5.5 lbs 2.5 kg
DISPLAY	**SPEAKER POWER OUTPUT**	**PEAK ACOUSTIC OUTPUT**	**WEIGHT/NET WEIGHT**

- Simultaneous level metering of 8/16 channels of de-embedded audio channels from SDI
- Touch-enabled or scroll and push selection of any pairs to sum for monitoring
- Monitor through built-in speakers, headphones and analog outputs with optional muting for internal speakers
- Stereo or mono monitoring
- Stereo phase indicators
- Adjustable Volume and Balance
- Switch between monitoring channels 1-8 and 9-16

- Balanced stereo analog outputs on XLR-Ms with fixed level or volume / balance configuration options.
- Automatic frame rate detection and selection
- Selectable line level or front panel volume control and outputs
- Shallow chassis depth for easy installation in OB vehicles and consoles

AMP1A-PLUS

SKU: 8100-0320

2
CHANNELS

4x
ANALOG IN
SOURCE 1
SOURCE 2

2x
ANALOG OUT

STEREO   FOUR SPEAKERS   HEADPHONES

The AMP1A monitors provide self-powered, full fidelity stereo audio monitoring of 2 analog channels (1 stereo channel) in the smallest rack space possible. The unit provides four high performance transducers, driven by three power amplifiers: one amplifier/driver combination handles midrange and high frequency information in stereo, while the second handles summed low frequency information below the 500 Hz crossover point.

The unique design provides optimally focused sound for operators in an ultra near field (1 to 3 ft.) working environment and offers performance comparable to that of many separate monitor pairs, yet does so without the installation hassles, awkward speaker placements and "added-on" look. This provides for a higher SPL for the operator while reducing overall ambient sound and adjacent bay crosstalk.

Extended HF response reveals potential problems with audio whine or hiss. Electronic rather than acoustic cancellation of bass frequencies provides positive audible detection of out-of-phase (reversed polarity) audio feeds. A headphone jack is provided on the front panel; usage automatically mutes the speakers.

10^W RMS, 20^W Transient	$98^{dB\ SPL}$ @ 2^{feet}	10^{lbs} / 8^{lbs}
SPEAKER POWER OUTPUT	PEAK ACOUSTIC OUTPUT	WEIGHT/NET WEIGHT

FEATURES
- Full fidelity audio monitoring in only 1RU
- Premium quality drivers and power amplifiers
- Two balanced analog Inputs with loop-through (1 stereo)

BENEFITS
- Thorough magnetic shielding allows placement next to video monitors.
- Extended Frequency Response and Low Distortion provide excellentreproduction.
- Audible indication of phase/polarity provides instant information.

VMQ-4

SKU: 8110-0030

4
CHANNELS

4x
ANALOG IN
MINI PHOENIX

STEREO   FOUR SPEAKERS   HEADPHONES

The VMQ-4 audio monitor provides voice quality confidence monitoring of up to 4 analog channels simultaneously. The VMQ-4 only requires a compact 1U of rackspace and is available at a very cost effective price. Each channel has its own dedicated power amplifier and speaker, the audio sources remain completely separate from input to output. When listening within ultra near field distances of 1 to 3 feet, these discrete speaker outputs provide enhanced source distinction when compared to designs with four inputs mixed into a single output. Each channel has an LED which illuminates when a signal is present at the input allowing the operator to easily determine at a glance which channels are currently active, very helpful when quick volume adjustments are required. Separate mute buttons are provided for each channel; these together with an LED that indicates channel muting allow an operator to quickly mute one or more channels. A stereo headphone jack has Channels 1 and 2 summed on the left side, and Channels 3 and 4 on the right side. The VMQ-4 is completely magnetically shielded to allow interference-free operation immediately adjacent to all CRT video monitors. The lighter weight lower-depth chassis compared to similar-type units, make it ideal for use in portable and mobile vehicle applications.

10^W RMS, 20^W Transient	$94^{dB\ SPL}$ @ 2^{feet}	10^{lbs} / 8^{lbs}
SPEAKER POWER OUTPUT	PEAK ACOUSTIC OUTPUT	WEIGHT/NET WEIGHT

FEATURES
- Mute button and LED for each channel
- Space saving 1RU
- Dedicated Input for each output channel
- Powerful 94dB SPL at 2 feet (0.6m)
- 4 balanced analog inputs
- Signal present LED on each channel input
- Headphone jack mutes speakers
- Blowout-proof speakers

BENEFITS
- Monitoring of 4 discrete audio channels in 1 unit
- Thorough magnetic shielding for placement next to video monitors
- Lightweight and shallow-depth chassis
- Quick and simple installation

PRODUCT COMPARISON *i*VAM / *i*AM SERIES
FOR IP-READY

Product	Video Mon.	RU	Display	MAVRIC Probe	SDI I/O	Audio Meters	12G SDI	HDMI up to 3G	SFP	GPIO	MADI 64 Ch.	AES/EBU (Stereo)	Dante/ Ravenna	Analog Ins	Analog Outs	ST2110 Up to 3G	ST2022-6 Up to 3G	Dolby D, DD+, E	Dolby ATMOS	Web GUI	Output Routing	Loudness
*i*VAM2-MPEG	yes	2	2 x 4.3"	-	2/1	16	yes	opt. 1x out	4x		opt.	4x IN	opt.	8x opt.	2x XLR 16x	opt.	opt.	opt.	-	yes	yes	yes
*i*AM-12G-SDI	yes	2	2 x 4.3"	-	2/1	16	yes	opt. 1x out	4x		opt.	4x	opt.	8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	opt.	yes	yes	yes
*i*VAM1-12G	yes	1	3 x 2.4"	A AV opt.	2/1	16	yes	1x out	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*VAM2-12G	yes	2	2 x 4.3"	A AV opt.	2/1	16	yes	1x out	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*VAM2-2-G	yes	2	2 x 4.3"	A AV opt.	2/1	16	-	1x out	1x	opt. 4/2	opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*VAM1-3	yes	1	3 x 2.4"	A AV opt.	2/1	16	-	1x out	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*VAM1-SUM16-G	yes	1	1 x 7"	A AV opt.	2/1	16	-	1x out	1x	opt. 4/2	opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	opt.	yes
*i*VAM1-SUM8	yes	1	1 x 7"	A AV opt.	2/1	8	-	1x out	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	opt.	yes
*i*VAM1-1-G	yes	1	1 x 2.4"	A AV opt.	2/1	16	-	1x out	1x	opt. 4/2	opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	opt.	-
RMoG-12G	-	Open Gear Card	-	A AV opt.	2/1	Web	yes	-	1x		1x IN 1x OUT	-	opt.	-	-	opt.	opt.	-	-	yes	-	yes
*i*AM1-12G	-	1	3 x 2.4"	Audio	2/1	16	yes (Audio)	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*AM-AUDIO-1+	-	1	3 x 2.4"	Audio	2/1	16	-	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*AM-AUDIO-2+	-	2	2 x 4.3"	Audio	2/1	16	-	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*AM1-8	-	1	3 x 2.4"	Audio	2/1	8	-	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*AM2-8	-	2	2 x 4.3"	Audio	2/1	8	-	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	opt.	-	yes	opt.	yes
*i*AM-SUM8	-	1	1 x 7"	Audio	2/1	8	-	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	opt.	yes
*i*AM-SUM16	-	1	1 x 7"	Audio	2/1	16	-	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	opt.	yes
*i*AM-SUM32	-	1	1 x 7"	Audio	2/1	32	-	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	opt.	yes
*i*AM1-Mix-8-G	-	1	1 x 7"	Audio	2/1	8	-	-	1x	opt. 4/2	opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	Output	-
*i*AM1-Mix-8-12G	-	1	1 x 7"	Audio	2/1	8	yes	-	1x		opt.	opt. 4x	opt.	2x XLR 8x opt.	2x XLR 8x opt.	opt.	opt.	-	-	yes	opt.	-

All products connect via IP. / All products provide a Web GUI for remote control.

PRODUCT COMPARISON *e*VAM / *e*AMP SERIES
FOR BASEBAND

Product	Video Mon.	RU	Display	MAVRIC Probe	SDI I/O	Audio Meters	12G SDI	HDMI up to 3G	SFP	GPIO		MADI 64 Ch.	AES/EBU (Stereo)	AoIP	Analog Inputs	Analog Outputs	ST2110 Up to 3G	ST2022-6 Up to 3G	Dolby D, DD+, E	Web GUI	Output Routing	Loud ness
*e*VAM1-1	yes	1	1 x 2.4"	-	2/1	16	-	-	-	-		-	1x I/O	-	2x XLR 2x RCA	2x XLR	-	-	-	yes	some	-
*e*VAM1-1+	yes	1	1 x 2.4"	-	2/1	16	-	IN/OUT	-	-		-	1x I/O	-	2x XLR 2x RCA	2x XLR	-	-	-	yes	-	-
*e*AMP1-S16-2MDA	-	1	1 x 7"	-	2/3	16	-	-	-	-		-	4x I/O	-	2x RCA 8 on DB-25	2x XLR 8x DB-25.	-	-	yes	opt.	opt.	opt.
*e*AMP1-S16-MDA	-	1	1 x 7"	-	1/1	16	-	-	-	-		-	4x I/O	-	2x RCA 8 on DB-25	2x XLR 8 on DB-25	-	-	opt.	opt.	opt.	opt.
*e*AMP1-S8-2MDA	-	1	1 x 7"	-	2/3	8	-	-	-	-		-.	4x I/O	-	2x RCA 8 on DB-25	2x XLR 8 on DB-25	-	-	opt.	opt.	opt.	opt.
*e*AMP1-S8-MDA	-	1	1 x 7"	-	1/1	8	-	-	-	-		-.	4x I/O	-	2x RCA 8 on DB-25	2x XLR 8 on DB-25	-	-	opt.	opt.	opt.	opt.
*e*AMP1-S8-DA	-	1	1 x 7"	-	-	8	-	-	-	-		-	4x I/O	-	2x RCA 8 on DB-25	2x XLR 8 on DB-25.	-	-	opt.	opt.	opt.	opt.
*e*AMP1-8-M	-	1	1 x 7"	-	2/3	8	-	-	-	-		-	-	-	-	2x XLR.	-	-	opt.	opt.	yes	opt.
*e*AMP1-16-M	-	1	1 x 7"	-	2/3	16	-	-	-	-		-.	-	-	-	2x XLR	-	-	opt.	opt.	yes	opt.
AMP1-2SDA	-	1	4 digit 7 segm.	-	1/1	2	-	-	-	-		-	1x I/O	-	2x RCA 2x XLR	2x XLR	-	-	-	-	-	-
AMP1-2SDA+	-	1	4 digit 7 segm.	-	1/1	2	-	-	-	-		-	1x I/O + 4x IN	-	2x RCA 2x XLR 8x DB-25	2x XLR	-	-	-	-	-	-
AMP1A-PLUS	-	1	-	-	-	-	-	-	-	-		-.	-	-	2x Stereo	1x Stereo.	-	-	-	-	-	-
VMQ-4	-	1	-	-	-	-	-	-	-	-		-	-	-	4 ch.	-	-	-	-	-	-	-
HRS-1S	-	1	-	-	-	-	-	-	-	-		-	-	-	2x XLR	2x XLR	-	-	-	-	-	-

All products connect via Baseband.

CONTENT

iVAM AUDIO & VIDEO MONITORS

iAM AUDIO MONITORS

eVAM / eAMP SERIES AUDIO MONITORS

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PRODUCT DESCRIPTIONS & AVAILABILITY: MID 2025