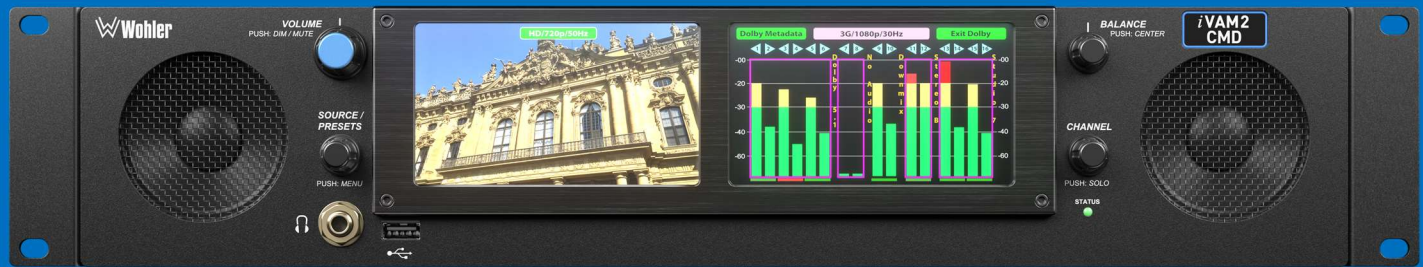


# iVAM2-CMD



HDMI 2.0 Multi-Channel Audio/Video monitor with 12G SDI



State of the art HDMI 2.0 Multi-Channel Audio/Video monitor with 12G SDI for Commercial Media Device monitoring.

## PRELIMINARY – SUBJECT TO CHANGE

Wohler Technologies is upgrading its IP Ready iVAM Series of products with a new HDMI 2.0 video and multi-channel audio monitor. The unit includes HDMI 2.0 In and HDMI 2.0 out with 12G SDI IN/OUT and options to add AES, GPIO and a choice of **Dante™** or **Ravenna™**.

## Flexible Adaptable Future Proof

iVAM2-CMD is designed to be easy to operate, yet powerful enough to provide high quality, accessible and easy to use monitoring of HDMI 2.0 and 12G SDI within a compact form factor. Touch screen & front panel controls duplicate previous mature design philosophies of shipping iAM units. At 2U, with upgraded speakers and sub-woofers, the iVAM2-CMD also provides the powerful sound output and audio reproduction that Wohler is well known for.

## Network Capable with Remote access options:

A [front-mountingfront-mounting](#) USB port is available for simple software updates. All iAM Series monitors contain an onboard web server. Multiple units on the same network can be updated, monitored, and controlled via a web-based user interface.

## Features/Benefits

- HDMI IN/Out with SDI IN/OUT, coupled with options for AES, GPIO and **Dante™** or **Ravenna™**.
- Standard I/O:** 1 x HDMI [2.0](#) IN/OUT, 1 x 12G SDI IN, 16x Analog Out, as well 2x Analog Out (Downmix).
- Optional I/O:** options include [HDMI IN/OUT, AES I/O and GPIO](#)
- Option Card for additional I/O:** To enable Analog, MADI [\(Is MADI included? If yes, we need a MADI icon\) via SFP](#), Dante & Ravenna
- Measure Audio Loudness using ITU-R BS. 1770 or EBU R128 standards - included
- Video monitoring and audio monitoring of up to 16 channels of audio from multiple sources
- Built-in speakers, headphone jack, USB and Ethernet ports with APIs for remote management
- Store and retrieve presets via USB or remote web interface
- Software upgradeable via USB or network, upgrade multiple units at once
- Built-in** 8 x Audio + 1 x Video remote monitoring probe. Requires **MAVRIC** remote monitoring activation.



| Specifications             | iVAM2-MPEG                                                                                                                                    |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (W x H x D)     | 2RU in standard 19" rack: 19" x 3.5" x 9.5" (483 mm x 89 mm x 242 mm)                                                                         |
| Shipping & Net weight/dims | Shipping: 16.0 lbs. (7.3 kg) – 24" x 17" x 8" Net: 11.0 lbs. (5.00 kg) 19"x 9.5" x 3.5"                                                       |
| Power Consumption / Supply | 40 Watts typical, 18VDC 100 to 240 VAC ± 10%, 50/60 Hz, CD & UL approved                                                                      |
| Display Type / Resolution  | 4.3" (109 mm) LCD Capacitive Touchscreen x 2; 480H x 272V                                                                                     |
| Audio Channels             | 16 Max                                                                                                                                        |
| Hum and Noise              | Better than -75 dB below full output                                                                                                          |
| Peak Acoustic Output       | 104 dB SPL @ 2 feet                                                                                                                           |
| Speaker Power Output       | RMS Each Side: 15W Continuous / 30W Peak                                                                                                      |
| Upgrades                   | Via USB or Web GUI; Upgrading multiple units available via web interface                                                                      |
| Presets                    | Programmable/nameable. Can be copied from unit to unit via USB or GUI software / Ethernet                                                     |
| Available APIs             | Get Available Presets; Get Preset Information; Get Active Preset; Set Mute/Unmute Clusters; Set Solo Cluster; Set Solo Channel; Source Select |



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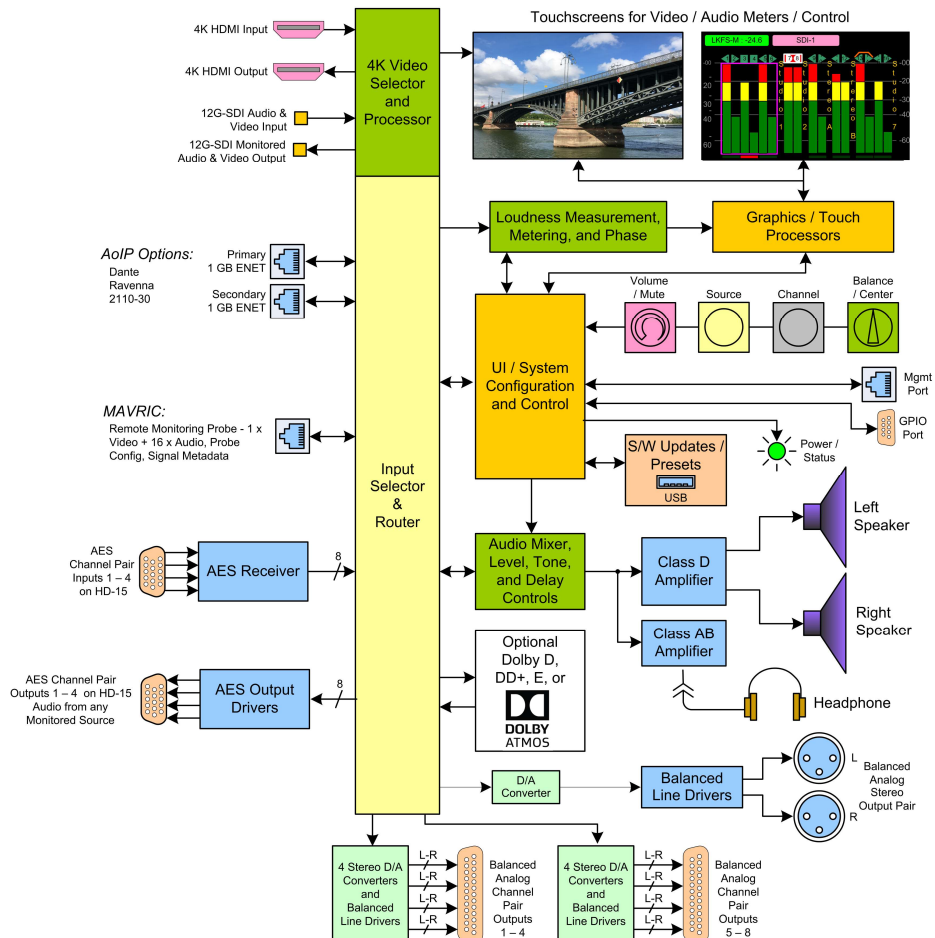
## Ordering Information

| iVAM2-CMD (Base Unit) |        | 2RU ST2110 Audio/Video monitoring and metering, OOB NMOS via RJ45. 16 analog outputs & downmixed analog outputs on XLRs. OPT-OUTPUT ROUTING is included. Capable of monitoring hitless single mode and multimode ST2110. |
|-----------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Options               |        |                                                                                                                                                                                                                          |
| OPT-GPIO              |        |                                                                                                                                                                                                                          |
| OPT-AES               | 829168 | Enable monitoring of 8 Analog channels on DB-25, monitoring of 1 x MADI64 I/P via BNC. Inc. TOSLINK                                                                                                                      |
| OPT-DANTE (12G)       | 829164 | Enable monitoring from up to a 64ch Dante™ Input. Includes OPT-MADI/ANLG/TOS                                                                                                                                             |
| OPT-RAVENNA 64 (12G)  | 829165 | Enable monitoring from up to a 64ch Ravenna™ / AES67 Input. Includes OPT-MADI/ANLG/TOS + NMOS support                                                                                                                    |

**Rear Panel** Shown below with AoIP option card, that includes Dante™ or Ravenna™ + Analog input



## Block Diagram



Specifications subject to change, errors and omissions excepted  
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