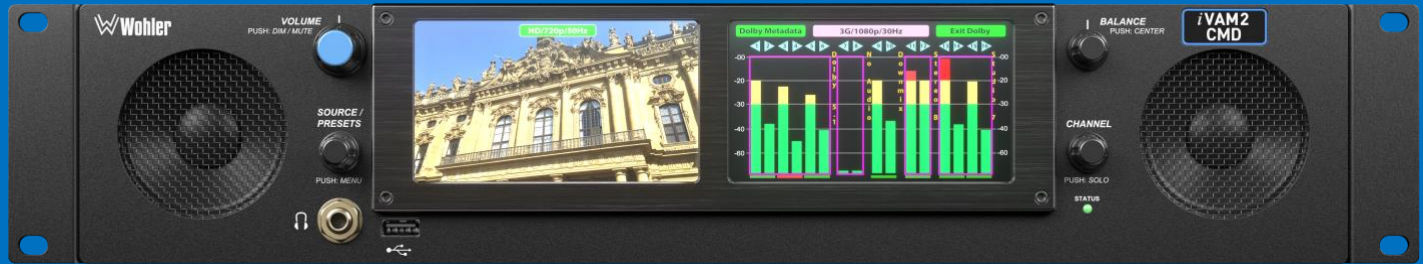


iVAM2-CMD



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



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/3G SDI OUT and options to add AES, GPIO and a choice of either **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, 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-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, 3G SDI OUT, 16x Analog Out, and 2x Analog Out (Downmix).
- **Optional I/O:** options include AES I/O and GPIO
- **Option Card for additional I/O:** To enable Analog + Dante or 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
- **MAVRIC Ready.** Built-in support for 8 x Audio + 1 x Video remote monitoring via the MAVRIC remote monitoring platform.

Specifications	iVAM2-CMD
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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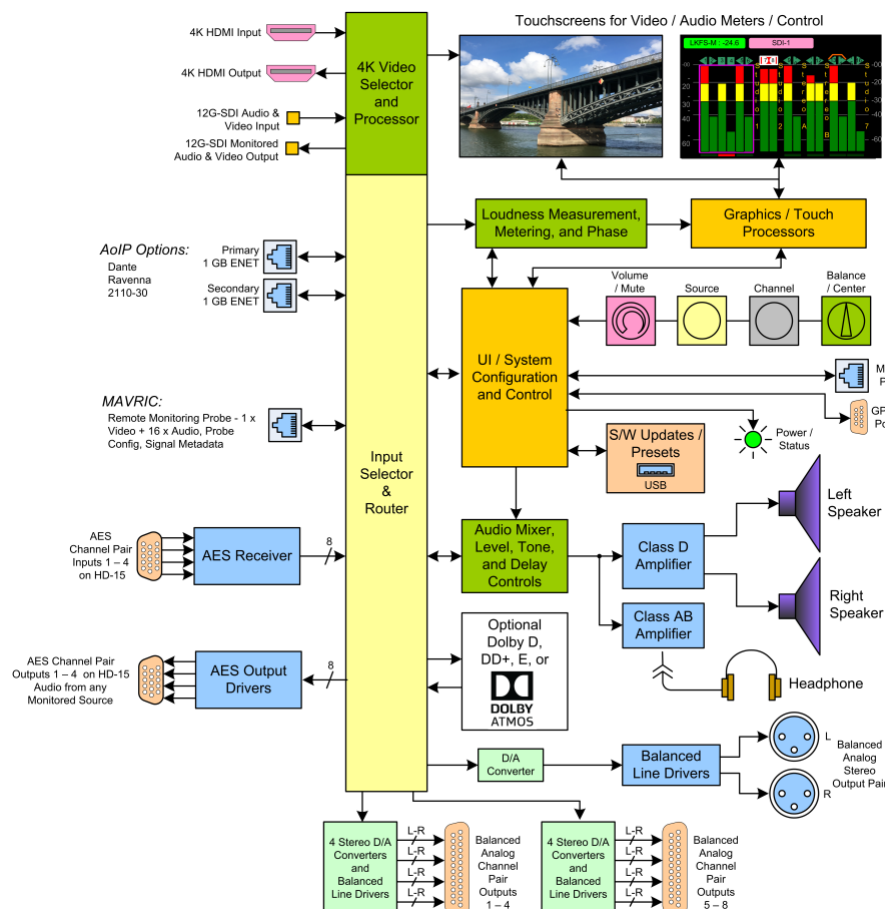
Ordering Information

iVAM2-CMD (Base Unit)	8114-0380	2RU HDMI & SDI Audio/Video monitoring and metering. 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	829198	Enables 4 GPI and 2 GPO's. Software activation key.
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
OPT-DOLBY	829174	Enable monitoring of Dolby® D, DD+ or E streams via software activation key.
OPT-DOLBY ATMOS	829163	Enable monitoring of Dolby Atmos, D, DD+, E & ED2 streams via software activation key

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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