

iAM1-16-AoIP



Audio Monitoring & Mixer with MADI and choice of **Dante™** or **Ravenna™**



16 channel Monitor and Mixer with MADI & choice of Dante™ or Ravenna™ Audio



The iAM1-16-AoIP provides controls for individual channels for sum, mute and solo operations. This latest re-design of our successful series has been enhanced with upgraded screen graphics and includes a touch screen. This is a well featured and competitively priced **IP ready** audio monitor and mixer.

Flexible. Adaptable. Future Proof.

Features include MADI, 2x Unbalanced Analog Input and a pair of Analog outputs, with a choice of **Dante™** or **Ravenna™**

Network Capable with Remote access options:

The unit includes built-in support for remote monitoring provided by our MAVRIC software applications suite. 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:

- Fast selection and summing with LCD touch controls for up to 8 audio channels or 8 pairs (16 channels)
- Master volume control that also provides a master mute/unmute
- Channel names can be displayed for each input or pulled from a router
- Standard I/O: 1 x MADI64 Input on BNC; 2 x Unbalanced Analog Input over RCA, 1 pair Analog out on XLR, 2/3 x RJ45 for **Dante™** or **Ravenna™**
- Store and retrieve up to 64 presets
- Optional Output routing enables the flexibility to route input signals to various outputs
- Built-in speakers, headphone jack, USB and Ethernet ports with APIs for remote management
- Software upgradeable individually via USB or multiple units on the same network
- Built-in Audio-only remote monitoring probe. Requires MAVRIC remote monitoring activation.

Specifications	
Dimensions (W x H x D)	1RU in standard 19" rack: 19" x 1.75" x 5.5" (483 mm x 45 mm x 140 mm). Shipping dims: 23"x 6"x 12"
Shipping Weight / Net Weight	8.0 lbs. (3.6 kg) / 5.5 lbs. (2.5 kg)
Power Consumption / Supply	65W, 100 to 240 VAC $\pm$ 10%, 50-60 Hz, CE & UL approved
Display Type / Resolution	7" (178 mm) LCD Capacitive Touchscreen; 1242H x 280V
Viewing Angle	160° (H) x 160° (V)
Audio Channels	8 or 16
Hum and Noise	Better than -68 dB below full output
Peak Acoustic Output	90 dB SPL @ 2 feet
Speaker Power Output	5W RMS per side, 12W Peak
Upgrades	Via USB or GUI web interface
APIs	Provide easy integration with 3 rd party control systems
GPI/O	4 GPI and 2 GPO on board "hardware ready", they need to be enabled via software license OPT-GPIO.

Ordering Information

BASE UNIT		
iAM1-16-AoIP (Dante)	8114-0480	1U AoIP Monitor & Mixer with MADI and Dante
iAM1-16-AoIP (Ravenna)	8114-0490	1U AoIP Monitor & Mixer with MADI and Ravenna



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Rear Panel



Block Diagram

