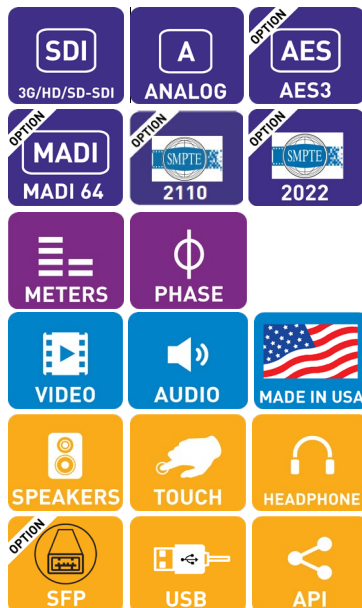# *i*VAM1-1

3G-SDI & Analog Video/Audio Monitoring & Metering with Optional Signal Upgrades

Budget Priced 16 channel, single screen, 3G-SDI & Analog Audio & Video Monitor with options to license additional input signals.

The all new *i*VAM1-1 represents a simple but well featured competitively priced video and audio monitor for the budget-conscious. With fast easy monitoring of audio and video, this unit comes standard with 3G-SDI and Analog inputs. License other signal formats as and when needed, either initially or after purchase.

Flexible. Adaptable. Future Proof.

*i*VAM1-1 is designed to be easy to operate, providing fast access to either video or meters. The unit comes standard with Analog and 3G-SDI but has options for additional signals, including **AES3, MADI64, SMPTE-2110 and SMPTE-2022**.

Touch screen front panel controls utilize previous mature design philosophies of our *i*AM Series products, while physical front panel controls provide access to main volume, balance, and auxiliary controls to supplement touch controls. A front mounted USB port is provided for software updates to support new and emerging technologies - the perfect solution for any application that requires a compact budget friendly unit for monitoring an evolving range of professional signals.

Features/Benefits:

- Video or audio monitoring (up to 16 channels) from multiple sources
- 2 x 3G-SDI Inputs on BNC; 1 x 3G-SDI Output of selected source on BNC
- Optional I/O for AES3 on HD-15 (incl selected audio source converted to AES3 out), MADI on BNC (looped out), and SMPTE 2110 or SMPTE 2022 via SFP.
- HDMI Output of the monitored video source is included as standard
- Touch screen front panel for easy, intuitive control. Toggle between audio and video
- Built-in speakers, headphone jack, USB and Ethernet ports
- SFP cage allows for additional signal formats. Dedicated MADI SFP cage included.
- Software upgradeable via USB or network.
- APIs for remote management.

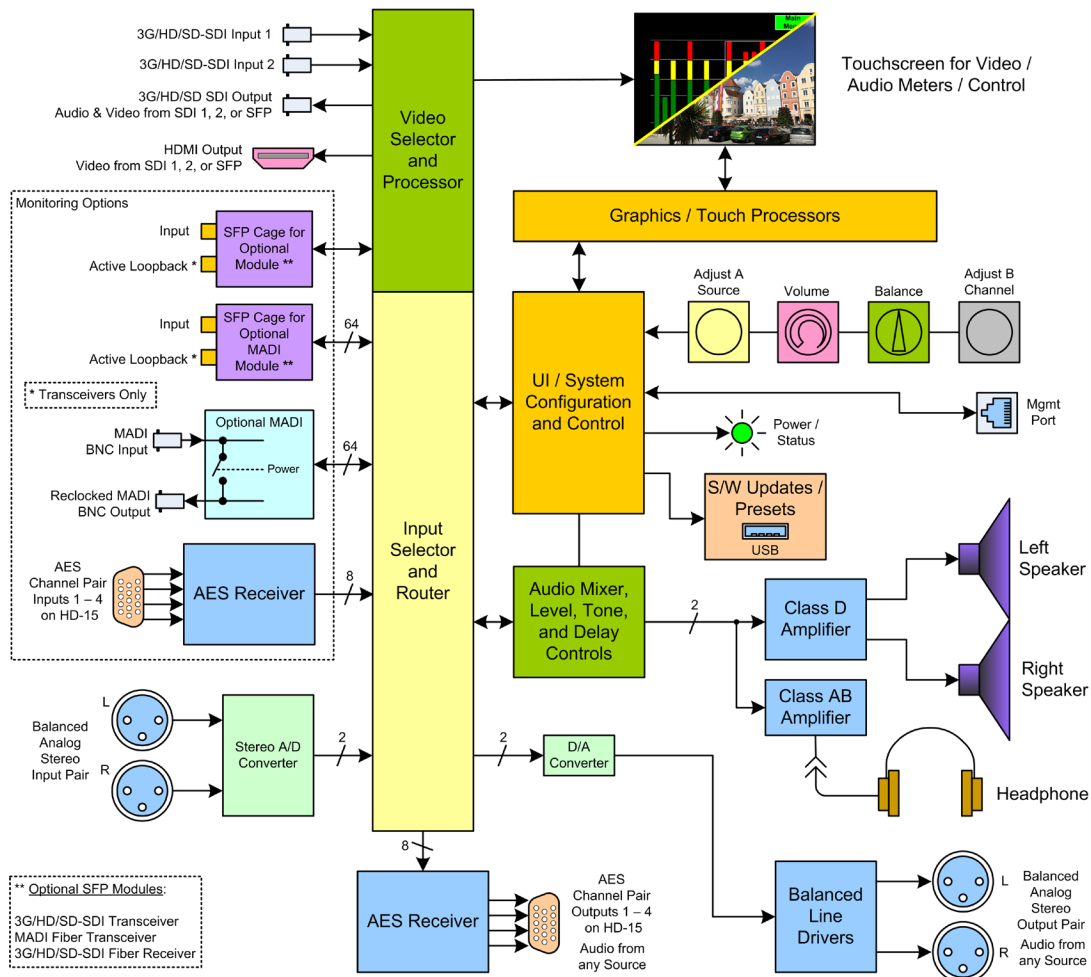| Model	Part ID		Description
*i*VAM1-1	8120-0100	Base Unit	1 RU Audio/Video monitoring and metering. 3G-SDI and Analog included.
OPT-AES	829080	I/O Option	Enables decoding and monitoring of 8 x AES channels (4 pairs) on HD-15.
SFP-2110	829086	I/O Option	SMPTE 2110 receiver; Multi-Mode 850 NM, LC Connectors.
SFP-2022	829088	I/O Option	SMPTE 2022 receiver, LC Connectors.
SFP-2110+2022-6	829087	I/O Option	SMPTE 2110 or 2022-6 receiver; Multi-Mode 850 NM, LC Conns.
OPT-MADI	829092	I/O Option	Enables decoding and monitoring of 1 x MADI64 input via BNC
SFP-MM-MADI-FIBER	829081	I/O Option	MADI fiber transceiver; Multimode, LC Connectors
SFP-SM-MADI-FIBER	829082	I/O Option	MADI fiber transceiver; Singlemode, LC Connectors
SFP-SDI	829089	I/O Option	3G/HD/SD-SDI single video receiver w/active loopback, HD-BNC
SFP-SDI-FIBER	829084	I/O Option	3G/HD/SD-SDI or ASI single receiver w/active loopback, HD-BNC

*i*VAM1-1

3G-SDI & Analog Video/Audio Monitoring & Metering with Optional Signal Upgrades

Rear Panel

Block Diagram

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 Weight / Net Weight	7.0 lbs. (3.2 kg) / 5.0 lbs. (2.8 kg)
Power Consumption / Supply	65W, 100 to 240 VAC ± 10%, 50-60 Hz, CE & UL approved
Display Type / Resolution	2.4˝ (60 mm) LCD Capacitive Touchscreen; 320H x 240V
Viewing Angle	160 (H) x 160 (V)
Audio Channels	16 Max
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 3rd party control systems