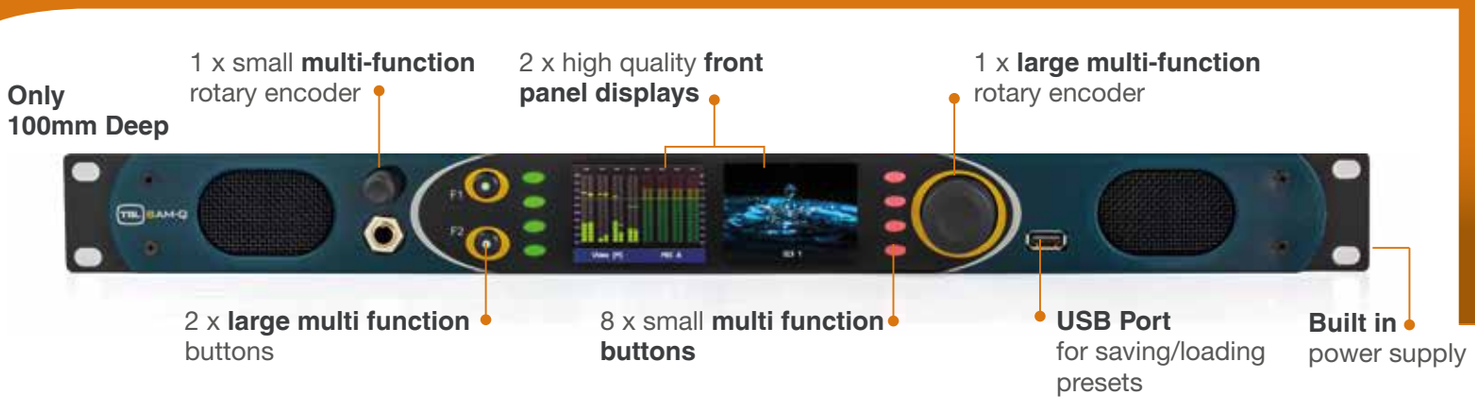
SAM-Q-SDI

Built on the SAM-Q platform, the SAM-Q-SDI gives users the freedom to choose how they wish to select and monitor their SDI, MADI, AES and Analogue audio sources.

With 10 Operational Modes to choose from, the SAM-Q-SDI offers a variety of displays and control behaviours that maximise workflow efficiency and reduce user error.

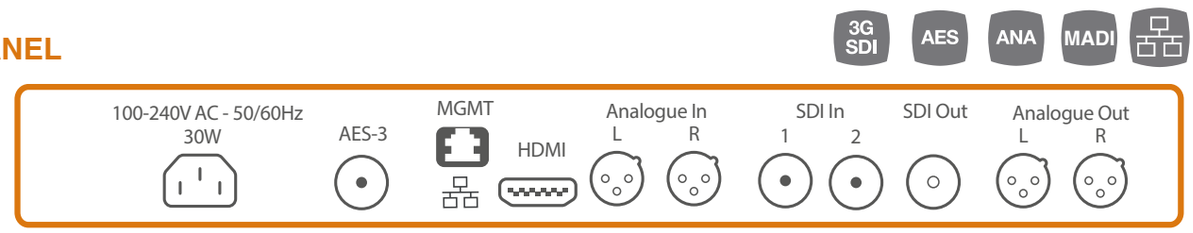
The SAM-Q-SDI can be configured to serve a variety of applications, differing skillsets and even accommodate personal preference. With the optional MADI license, the SAM-Q-SDI can monitor up to 128 MADI channels, whilst the optional Loudness license enables local and remote loudness monitoring of up to 8 independent programs.



FEATURES

- Determine how you wish to control and visualize your audio content based on application, environment or simple personal preference.
- Designed to serve all levels of user, regardless of their audio knowledge or experience.
- Has the functional capacity to grow and adapt in line with ever changing technical requirements.
- Suitable for all applications, from OB Trucks and Studios to Playout and Distribution.
- Optional MADI license enables 128 channels of MADI audio monitoring.
- Optional loudness license enables 8 independent loudness probes and remote loudness monitoring.

REAR PANEL



OPERATIONAL MODES

Meter Modes
A traditional audio meter mode, displaying 16 Audio Level Meters view with single and multiple audio channel selection.

Names Mode
Displays the source names of 8 audio pairs, with audio presence displays, complete with multiple channel monitoring selection.

Video Modes
16 Audio Level Meters with single and multiple channel selection complete with video confidence display.

Phase Metering Mode
Allows one audio source to be selected, monitored and checked for audio phase & displays 16 Audio Level Meters + 1 Phase Meter.

Mix Mode
A graphical representation showing the relative mix levels of up to 16 channels of audio, complete with Mix channel selection.

SPECIFICATIONS

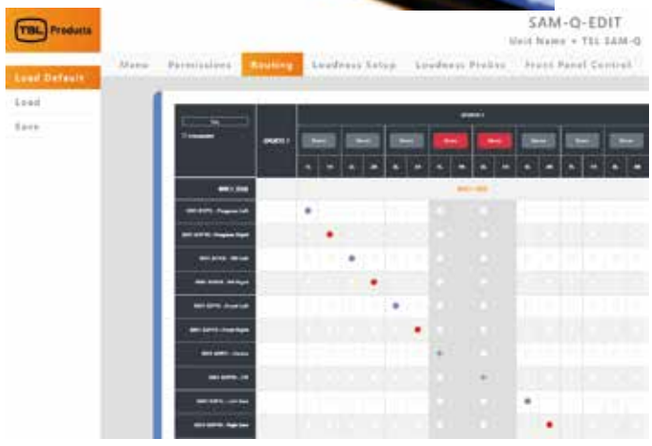
HEIGHT	1RU	POWER	85-264V ~ 50Hz/60Hz, 0.75A – 0.5A Max 30W
DIMENSIONS	483mm x 45mm x 100mm	MADI INPUTS	48 kHz, 128 Channels
WEIGHT	1.4 kg	SDI INPUTS	3D/HD/SD-SDI (SMPTE 424M, 292M, 259M)
DISPLAY	Audio Metering, Loudness Metering and Video Confidence.	AES 3id	SMPTE 276M
AUDIO CHANNELS	16	BALANCED ANALOGUE INPUTS	>60k Ohms
SIGNAL TO NOISE RATIO	17dB (+4dBu input level, THD+N A weighted)	BALANCED ANALOGUE OUTPUTS	Fixed or Variable
PEAK ACOUSTIC OUTPUT	90dB @ 1foot	UPGRADES	Via USB
FREQUENCY RESPONSE	40Hz to 20kHz +/- 1dB		

ADDITIONAL LICENSES

- Loudness License – Enables 8 independent loudness probes, providing Short-Term, Momentary and Integrated Loudness values to the front panel display as well as over an Ethernet network for logging and visualisation.
- MADI License – Enables the SDI inputs to be configured for use with MADI streams. Mix, Monitor and Measure up to 128 MADI audio channels.

SAM-Q EDIT

With SAM-Q-EDIT, a freely available configuration tool, SAM-Q-SDI users can configure their SAM-Q-SDI using a PC. All SAM-Q-SDI settings are presented using a graphical user interface allowing remote configuration.



ORDERING INFORMATION

Ordering Code	Description
SAM-Q-SDI	1 RU Agile Audio Monitor providing seven operational modes tailored for both engineer and operator use. 2 x High quality front panel displays, 2 x 3G/HD/SD-SDI inputs, 1 x AES 3id input, 1 x Balanced Audio Input Pair. 1 x reclocked 3G/HD/SD SDI output, 1 x HDMI output and 1 Balanced Analogue Output. Internal Loudspeakers, Internal PSU.
SAM-Q-LOUD-LIC	Loudness Monitoring license for use with SAM-Q-SDI. Adds a further 3 Operational Modes to the SAM-Q-SDI and provides simultaneous Loudness Monitoring of up to 8 separate audio programs. Loudness from all 8 probes may be logged over an Ethernet network with InfluxDB and displayed using Grafana.
SAM-Q-MADI-LIC	MADI License for use with SAM-Q-SDI. Allows one or both 3G/HD/SD-SDI inputs to be switched to MADI, providing a maximum of 128 channels of MADI monitoring, mixing and measurement.

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