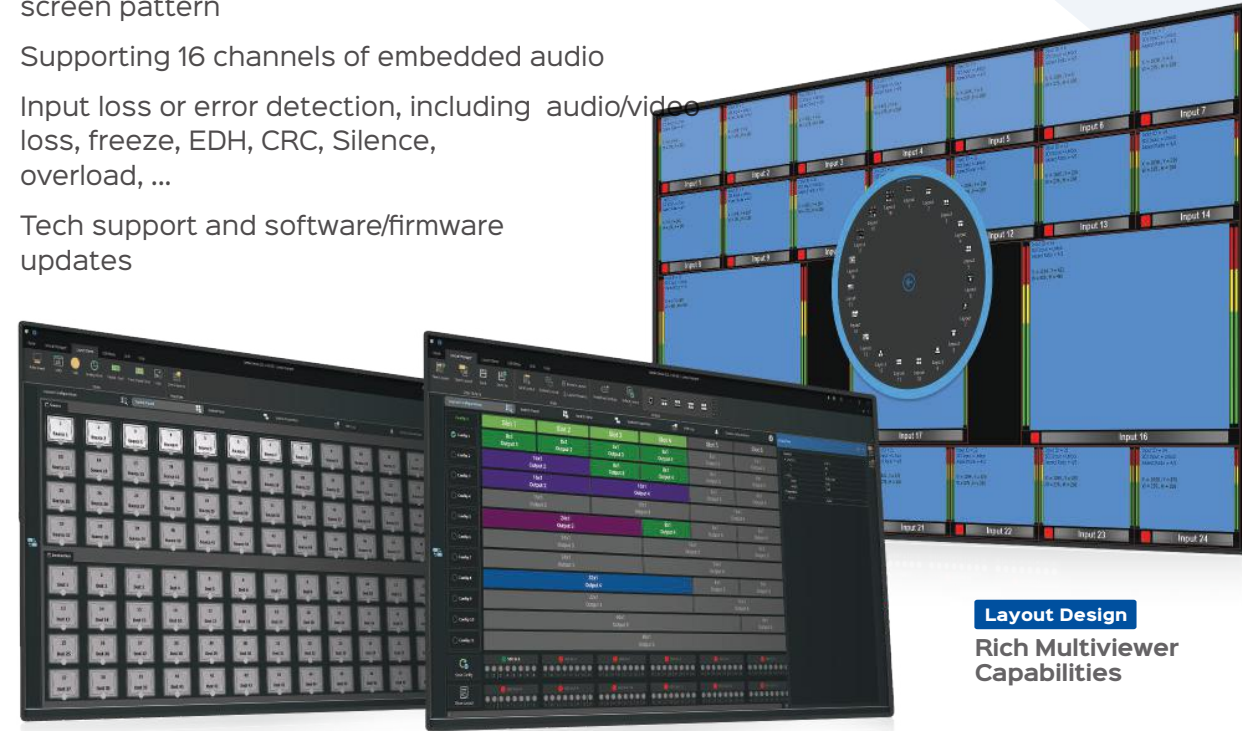## Samim SDE-4800
Multiviewer capabilities

- Modularity and scalability through using hot-plug modules and web-based control and monitoring
- Supporting up to 48 input and 48 output lines of 3G / HD / SD - SDI Signals
- Add logos, change background, and use floating tally indicators
- "Layout Design" toolset for customizing multiview screen pattern
- Supporting 16 channels of embedded audio
- Input loss or error detection, including audio/video loss, freeze, EDH, CRC, Silence, overload, ...
- Tech support and software/firmware updates

Layout Design
Rich Multiviewer Capabilities

Samim SDE-4800
Compatibilities and Web-based configuration

SDE-4800 is completely compatible with all Samim control panels to ease switching functionalities. Moreover, it can be easily controlled, monitored, and configured by a powerful web-based user interfacein real-time.

Samim Control Panels

Samim SDE - 4800

Web-based Remote Control and Monitoring

Samim SDE-4800
48x48 3G / HD / SD - SDI / ASI Router and Multiviewer

SDE-4800 is a modular unified routing and multi-viewer platform that supports up to 48 inputs of 3G / HD / SD-SDI signal lines with up to six selectable output modules. The platform benefits from three different output module types that can provide routing, clean switching, and picture-in-picture generation.

The "SDI-OUT" output module provides eight re-clocked outputs fed from the internal cross-spoint. Users can select the source of each output from any input via Samim control panels, creating an SDI / ASI router from 8x8

up to 48x48.

The "CLN-OUT" output module generates four clean & quiet switched outputs from any selected input, fulfilling the need for clean outputs even with asynchronous inputs.

The "MIP-OUT" output module is a compelling solution for monitoring eight inputs in a user-crafted layout, including audio level meters, UMD, tally, and fault indicators. Multi-viewer modules can also cascade internally to build a layout containing up to 48 inputs.

SAMIM

SAMIM
Media & Communication Technologies

SDE-4800

| 3G / HD / SD - SDI | ASI | 4 RU PLATFORM |

- ## 48x48 3G / HD / SD - SDI Router / MultiViewer

  Unified Professional and Modular Solution for Routing and Monitoring SDI Signals in Real-time

3 in 1 solution

with highly-reliable functionalities

Router — **Clean Switcher** — **Multiviwer**

SDE-4800 is a modular unified routing and multi-viewer platform that supports up to 48 3G / HD / SD-SDI inputs along with many outstanding capabilities for professional broadcasters

Samim SDE-4800
Key Features

- 3RU frame with 1RU optional external fan with automatic fan speed control
- Modular Design
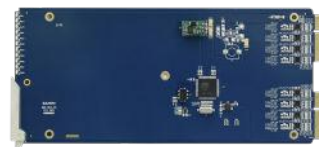- Dual and redundant power supplies

Router :

- Support 3G/HD/SD-SDI and DVB-ASI signals
- Compatible with Samim router control panels
- Re-clocked outputs
- Switch point related to the reference input
- Clean & quiet switch module

Multiviewer :

- Layout design by the Windows-based software
- HDMI and SDI output per head
- x8 PIPs per head, internally cascadable
- x40 Tally input, x8 Programmable GPO
- NTP or LTC as clock source
- Video fault detection & logging (black, freeze, CRC, unlock, EDH)
- Embedded Audio fault detection & logging (absence, silence, overload)

SDE-4800 frame utilizes SDI-IN modules per each, eight input lines are supported.

moreover, three different modules can be also utilized to provide the desired types and numbers of output lines :

SDI-OUT card modules
providing eight routed outputs of SDI/ASI Signals, per each module

CLN-OUT card modules
providing four clean and quiet switched outputs, per each module

MIP-OUT card Modules
providing a multiviewer head with eight Picture-in-Picture tiles

Key Benefits

Modular Design

All SDE-4800 components are completely modular. This ensures more reliability and better functionality of the device in a 24/7 non-stop workload.

Flexibility and Scalability

SDE-4800 is a flexible equipment which easily adapts to different needs and requirements of TV stations and production studios in various sizes.

Reliability and Strength

Due to hot-plug nature of Samim modules and modularity of the frames, you would enjoy a reliable and powerful solution in your broadcast infrastructure

Easy Control and Monitoring

All SDE-4800 components, including the frame, the cards, I/O lines, power resources, ... can be easily monitored and controlled via a web-based and a friendly user interface.

Customized Multi-View Layouts

SDE-4800 multi-viewer component harnesses a user-friendly and intuitive application for designing and tuning PIP layouts which is accessible through Windows-based systems.

Technical Support + Remote services

SDE-4800 includes professional services via telephone, email, web, local assistance. Technical support, remote upgrades, on-premises trainings, ... would also be offerable.