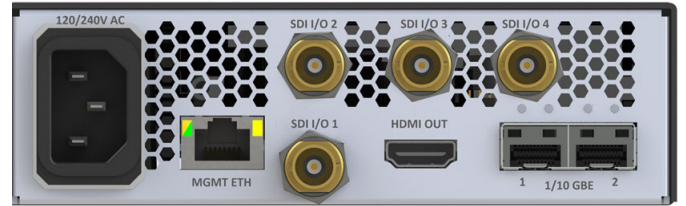


Compact SDI/IP Gateway and JPEG 2000 Encoder/Decoder SDI2X



OVERVIEW

The SDI2X is a simple solution to bridge the gap between traditional SDI and IP infrastructure.

Designed flexibly to support SMPTE 2022-6, SMPTE 2110/TR-03, JPEG 2000/TR-01, and a variety of other standards, the SDI2X is a must have for those considering baseband A/V over IP deployments. The SDI2X supports both SDI to IP and IP to SDI workflows, and with its powerful processor, chosen with future standards in mind, the SDI2X will be a convenient tool for years to come.

No longer be bound to a single standard. Create a seamless workflow utilizing the latest technologies with the Sencore SDI2X.

APPLICATIONS

- **Camera Integration and Backhaul**
Seamlessly plug existing equipment into SMPTE 2022-5/6/7 or 2110/TR-03 IP-based studio networks or connect a camera or SDI source to fiber for JPEG 2000/TR-01 remote production.
- **Monitoring Display, Video Wall, or Signage**
Pull baseband or lightly compressed video content from an IP network to display using the SDI or HDMI output.
- **Simplify Lab Connectivity**
Test new equipment with a variety of different input or output formats. Convert to or from any of the popular IP compression or encapsulation methods; enabling testing without infrastructure rebuilds.

SPECIFICATIONS

I/O Interfaces

Video Connectors:	1x 3G-SDI BNC 1x HDMI 2.0 Interface Additional 3x 3G-SDI BNC Optional
Ethernet Connectors:	2x SFP+ Sockets (Data)
Supported SFPs:	1 GbE Fiber/Copper (MSA-Compliant) 10 GbE Fiber (MSA-Compliant)
Ethernet Connectors:	1x RJ-45 1GbE (Control)

Processing

Standards:	SMPTE 2022-6 SMPTE 2110 Standards SMPTE 2110-10 SMPTE 2110-20 SMPTE 2110-21 SMPTE 2110-30 SMPTE 2110-40 JPEG 2000/TR-01 Encode/Decode
Capacity:	Up to 4x FHD/HD/SD Video Service 8x PCM Audio Pairs Full ANC Data (SMPTE 2038)
Capacity (per 1RU Shelf):	12x FHD/HD/SD Video Service
Synchronization:	SMPTE 2059 (IEEE 1588 PTP)*
Correction:	Hitless Switching (SMPTE 2022-7) FEC (SMPTE 2022-1) for JPEG2000*

Management

Control Interfaces:	Front Panel Interface (Four Line Display/Six-Button Keypad) Web Interface HTTP RESTful API SNMP Status/Control/Traps Syslog Alarm Support
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Form Factor

Dimensions:	5.7"/145mm W x 6.7"/170mm D x 1RU
Rack Mount:	3 Units per 1RU Tray

Environment

Power Standard:	120 VAC/240 VAC
Power Connector:	Standard IEC Line Cord Power over Ethernet*
Operating Temp:	0 to 50 Degrees C