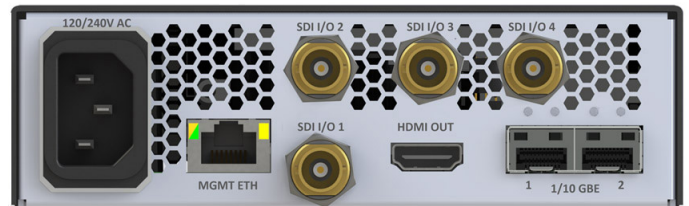


# Compact SDI/IP Gateway

## Uncompressed IP and SDI

### 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 and SMPTE 2110/TR-03 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 SDI equipment into SMPTE 2022-5/6/7 or 2110/TR-03 IP-based studio networks or connect a camera or SDI source to fiber 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
- Capacity:**  
Up to 4x FHD/HD/SD Video Service  
1x 4k UHD Video Service\*  
8x PCM Audio Pairs  
Full ANC Data (SMPTE 2038)
- Capacity (per 1RU Shelf):**  
12x FHD/HD/SD Video Service  
3x UHD 4K Video Services\*
- Synchronization:**  
SMPTE 2059 (IEEE 1588 PTP)\*
- Correction:**  
Hitless Switching (SMPTE 2022-7)  
FEC (SMPTE 2022-5)\*

### Management

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

### 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

\* Planned Roadmap