

emFUSION-SDI-4: Standalone 4 Channels Encapsulator

The emFUSION-SDI-4 is a standalone SDI to IP Gateway device that can encapsulate up to 4 SDI signals.

This solution is convenient when encapsulation of signals is needed at a remote location. Up to four IP ST2022/ST2110 stream sets over fiber optic link for a full optimisation of your IP ports.

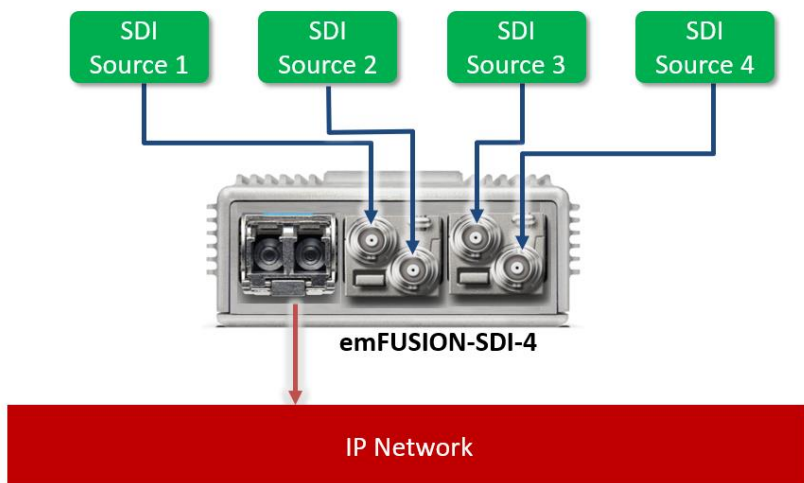
The converter is designed to close to your devices or inside a standard rack using a rackmount bracket.



KEY DIFFERENTIATING FACTORS

- ✓ Convenient, small and quiet housing, that can be installed inside the operation area.
- ✓ Modular platform using hot swappable emSFP modules
- ✓ Support of multiple encapsulation formats such as ST2022 and ST2110
- ✓ Optimized connectivity, requires a single 10GbE link for 4 IP flows and control.

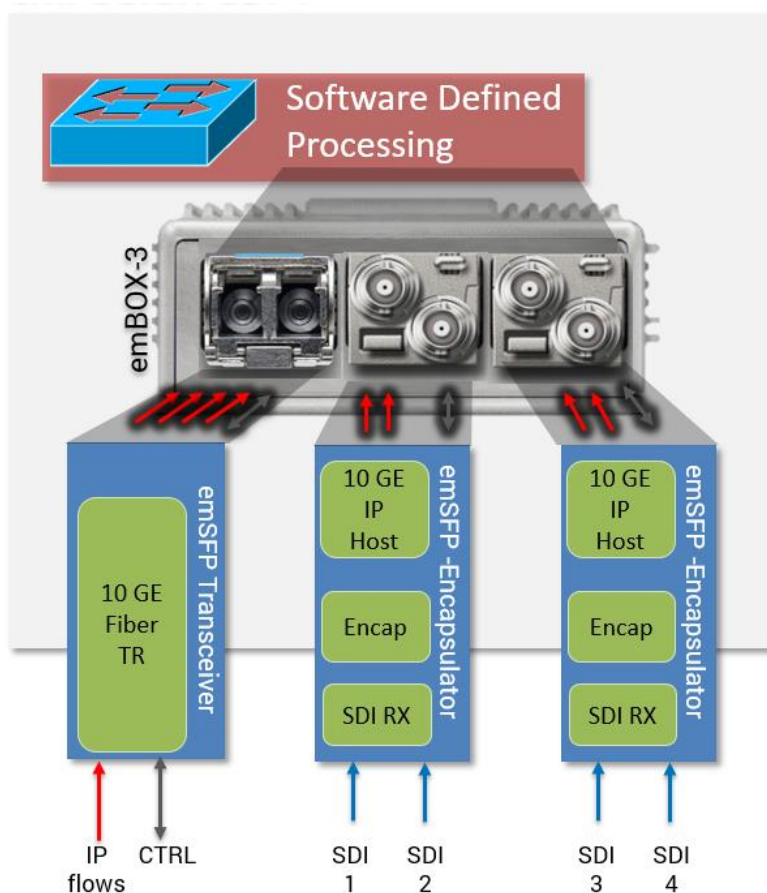
APPLICATION DIAGRAM



SPECIFICATIONS

System	
Fiber optic Transceiver:	Selectable emSFP with multimode or single mode fiber
Output:	Selectable emSFP with dual coaxial or single HDMI
Control:	In band control: each emSFP Gateway can be controlled via a unicast IP address
Power Supply	
AC Mains Input:	Auto ranging, 100-240v AC, 50/60Hz
Output Voltage:	12V DC
Power Consumption:	<6 watts (typical)
Physical	
Dimensions:	26mm H x 45mm W x 75mm D
Operating Temperature:	0°C to 45°C

FUNCTIONAL DIAGRAM



For more information, please contact sales@embrionix.com

Embrionix™ logo is among the trademarks of Embrionix Design Inc. Any other trademarks or trade names mentioned are the property of their respective owners. Specifications are subject to change without notice.

www.embrionix.com

Patent pending

sales@embrionix.com