emVIEW-DMI-2: Standalone 2 Channels De-encapsulator

The emVIEW-DMI-2 is a standalone IP to HDMI Gateway device that can de-encapsulate up to 2 HDMI signals. This monitoring solution receives two IP ST2022/ST2110 stream sets over fiber optic and converts them into SDI or HDMI at the monitors location. The solution maximizes your IP port usage whiles also resolving distanced connectivity.

The converter is designed to be installed at the back of a monitor or inside a standard rack using a rackmount bracket.
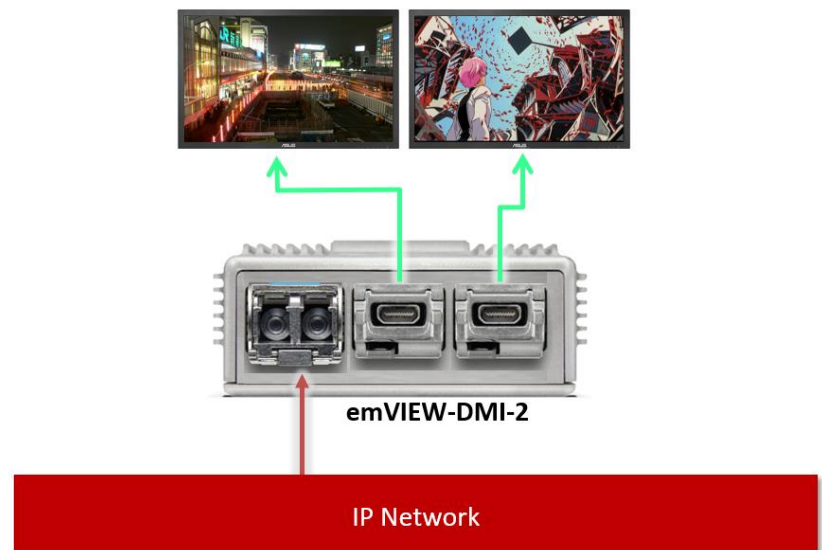
The converter uses standard emSFP I/O modules allowing fiber optical connectivity and outputs to be substituted to SDI outputs.

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 2 IP flows and control.

APPLICATION DIAGRAM

emVIEW-DMI-2

IP Network

SPECIFICATIONS

System

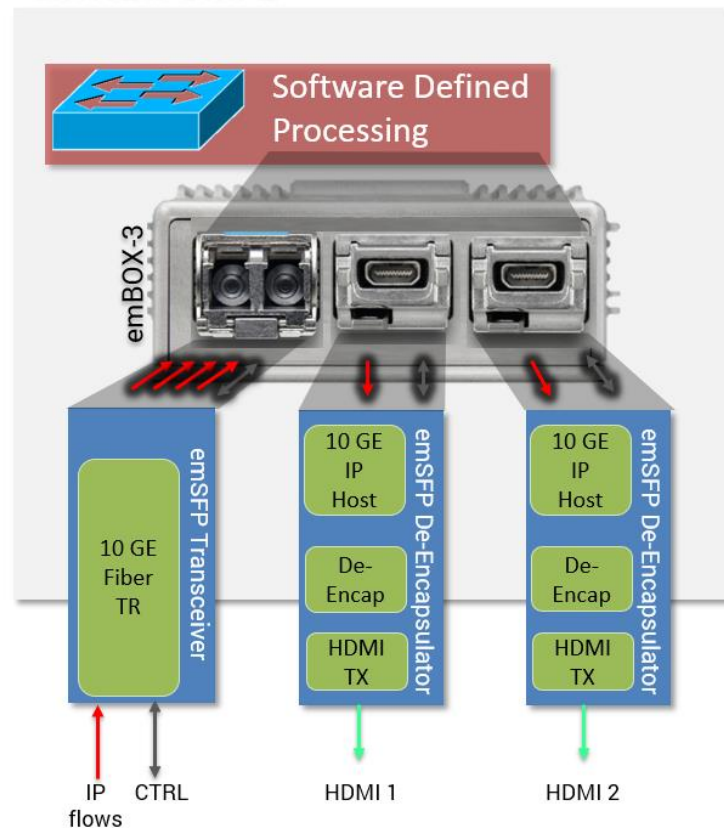|	
Fiber optic Transceiver:	Selectable emSFP with multimode or single mode fiber
Output:	Selectable emSFP with dual coaxial or single HDMI
Control:	In band control: each emSFP Gateway can be controlled via a unicast IP address

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

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Patent pending