

Distance, not an issue with emEXTEND

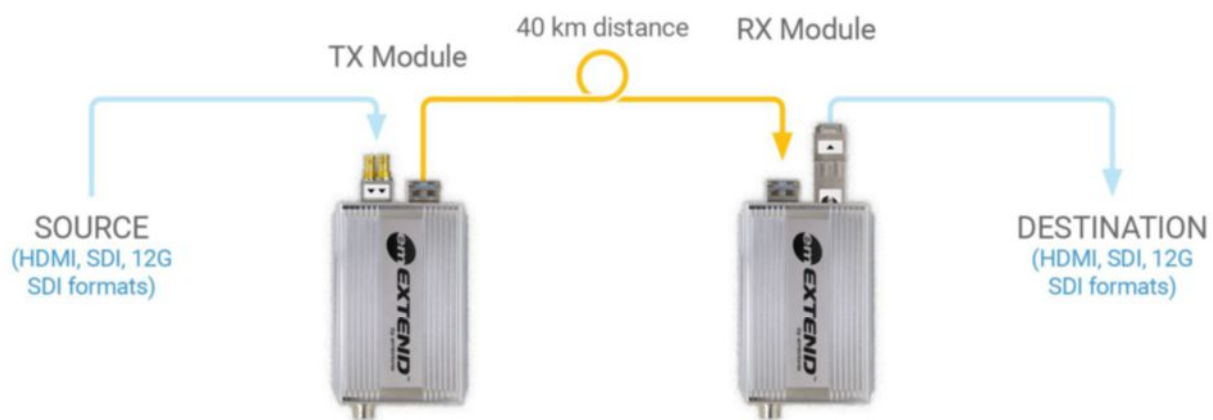
Embrionix resolves limited distance reaching of signals by providing a flexible set of convenient extenders using fiber optic.

The solution is composed of transmitter and receiver miniature extension devices installed at both ends of a single mode fiber optic. The compact, practical and robust devices can be installed inside equipment racks or mounted at the back of a device.

With emEXTEND, you can solve the limited reach of HDMI, SDI and 12G SDI and connect devices located kilometers apart distances.



SIGNAL EXTENSION SOLUTION



SDI to HDMI extension shown

KEY DIFFERENTIATING FACTORS

- Flexible input and output format support utilising Transmitter and Receiver Extender devices
- Modular approach using emSFP modules allowing field updatable functionality and format changes.
- Highest optical performance (fiber stub) and lowest defect rate in the market

EFFICIENT MECHANICAL DESIGN

- ✓ Cable retaining mechanism;
- ✓ Monitor back mounting;
- ✓ Redundant power supplies;
- ✓ Vibration resistant;

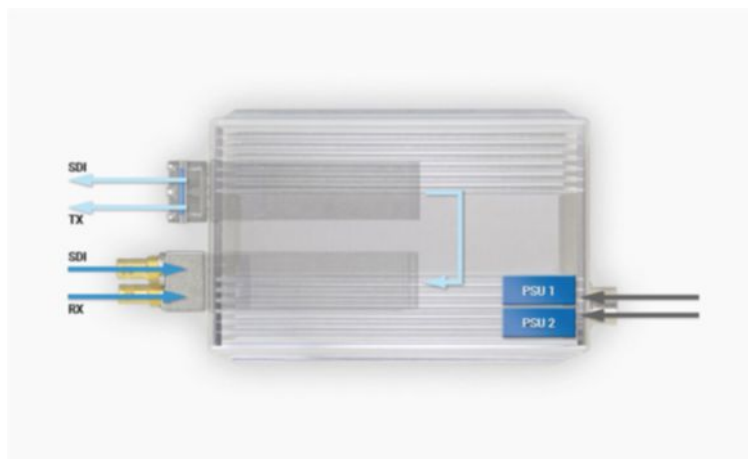
ORDERING INFORMATION

emEXTEND - Please refer to following block diagrams for the configuration Part number.

[Http://www.embrionix.com/product/family/media-converters](http://www.embrionix.com/product/family/media-converters)

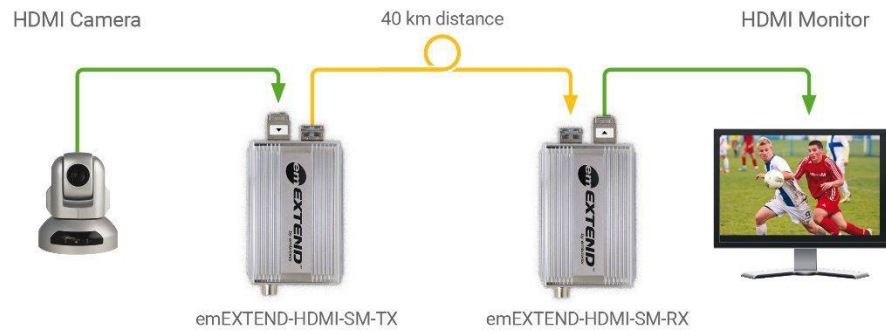
For any additional information please contact sales@embrionix.com

emEXTEND block diagram (shown emEXTEND-SDI-D-TX)

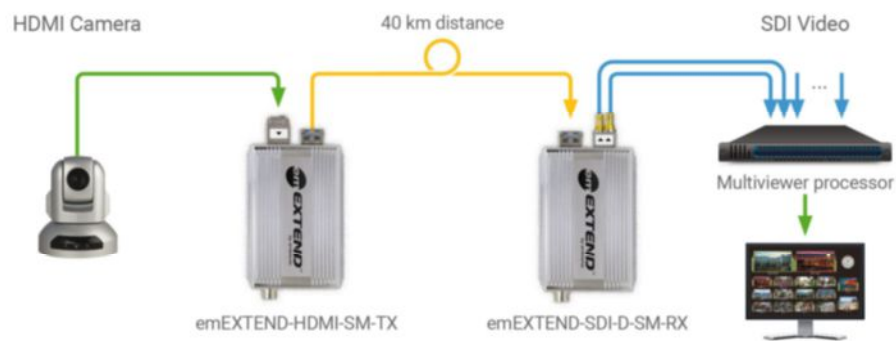


FLEXIBLE FORMAT EXTENSION SOLUTION

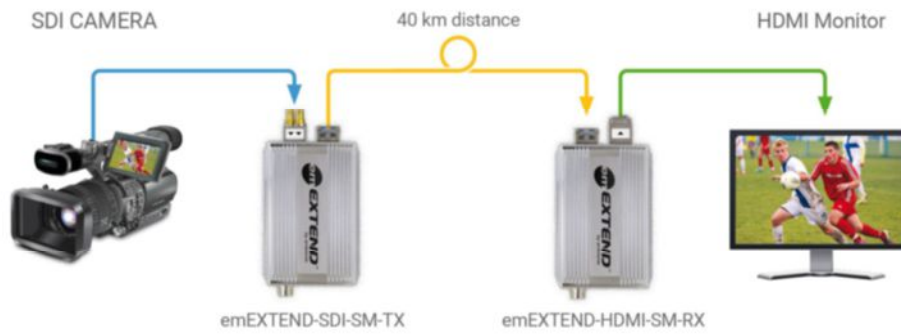
HDMI to HDMI extension



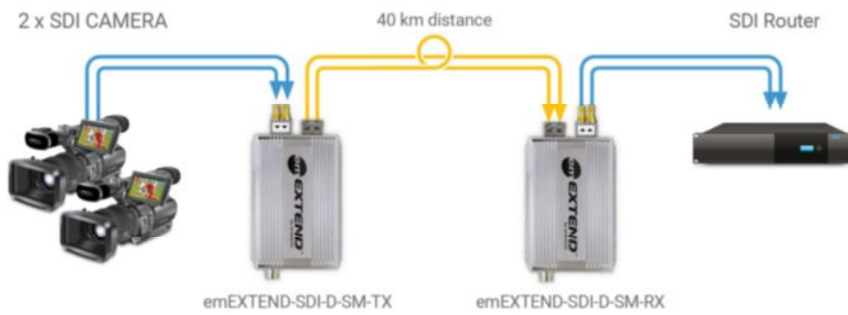
HDMI to SDI extension



SDI to HDMI extension



SDI to SDI extension



12G SDI to 12G SDI extension

