

# J2K emSFP

## J2K DECODER

### J2K decoder SFP

The Embrionix J2K emSFP is a module designed to convert between J2K and SDI streams. One SDI signal supports up to 2.97Gbps as well as audio and metadata. The J2K decoder comes in 2 configurations for easier integration in studios.

**1)** J2K decoder with 1000Base-X (on host) installed directly in 1GE and 10GE switches & routers. SDI is outputted on a 1310nm fiber Tx. **2)** J2K decoder with SDI signal (on host) with 1GE (1000Base-LX) port used directly with 1GE, 10GE switchers & routers.

#### FEATURES

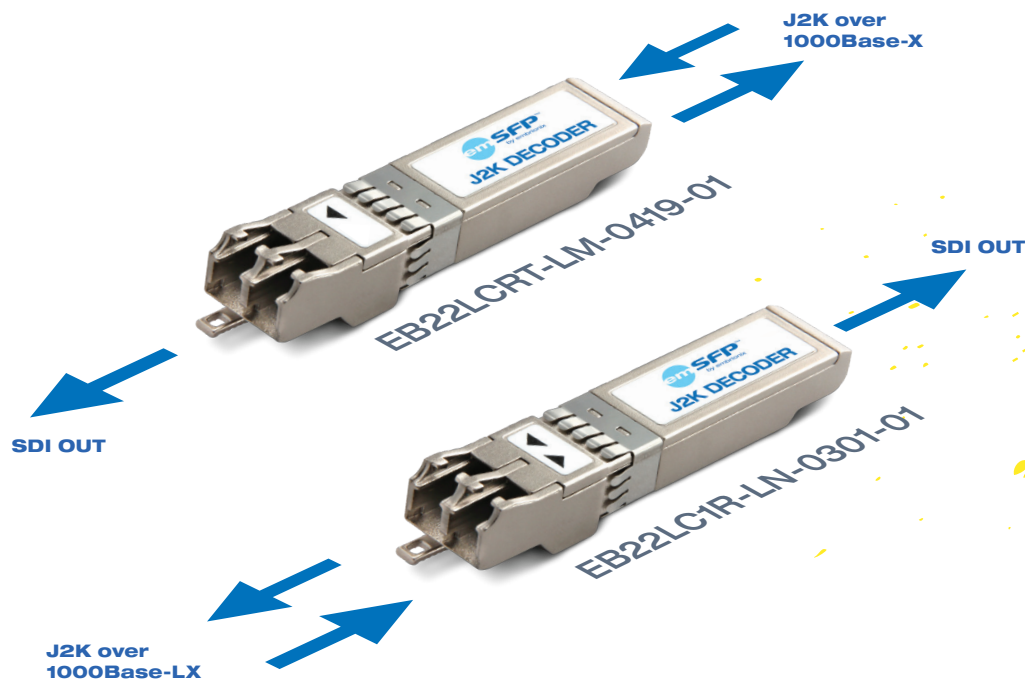
- J2K decoder core compliant with SMPTE 2022-1 and SMPTE 2022-2 transport
- Supports video SD-SDI, HD-SDI, 3G-SDI (in dev.)
- Supports VSF TR 01 specs for broadcast
- 1GE fiber interface for direct connection with IP switches and routers

#### BENEFITS

- High flexibility with full J2K decoding in a small SFP form factor
- Design a cost effective system by adding J2K functionality in your product containing SFP cages
- Install the smallest J2K decoder available on the market. Can fit up to 48 J2K decoders per 1RU

#### ORDERING INFORMATION

EB22XXXX-XX-XXXX-01 J2K emSFP modules



J2K encoder/decoder available 2015