

TWELVEMUX

12G-SDI Multiplexer/DeMultiplexer

Convert between Single-Link, Dual-Link, and Quad-Link SDI transport interfaces. The TWELVEMUX supports 4K, UHD, 2K, and HD video formats, including audio channels. Typical applications are converting between Quad-Link 3G to Single-Link 12G, or from Single-Link 12G to Quad-Link 3G. and all SMPTE interfaces in 12G, 6G, 3G, and 1.5G are supported.

12G SDI

Video Interface

- 12G-SDI, 6G-SDI, 3G-SDI, HD-SDI, SD-SDI (auto switching)
- SMPTE 292M, 259M, 296M, 297M, 372M, 424M, 425M
- Supports AES10 multi-channel (MADI) audio

Video Format

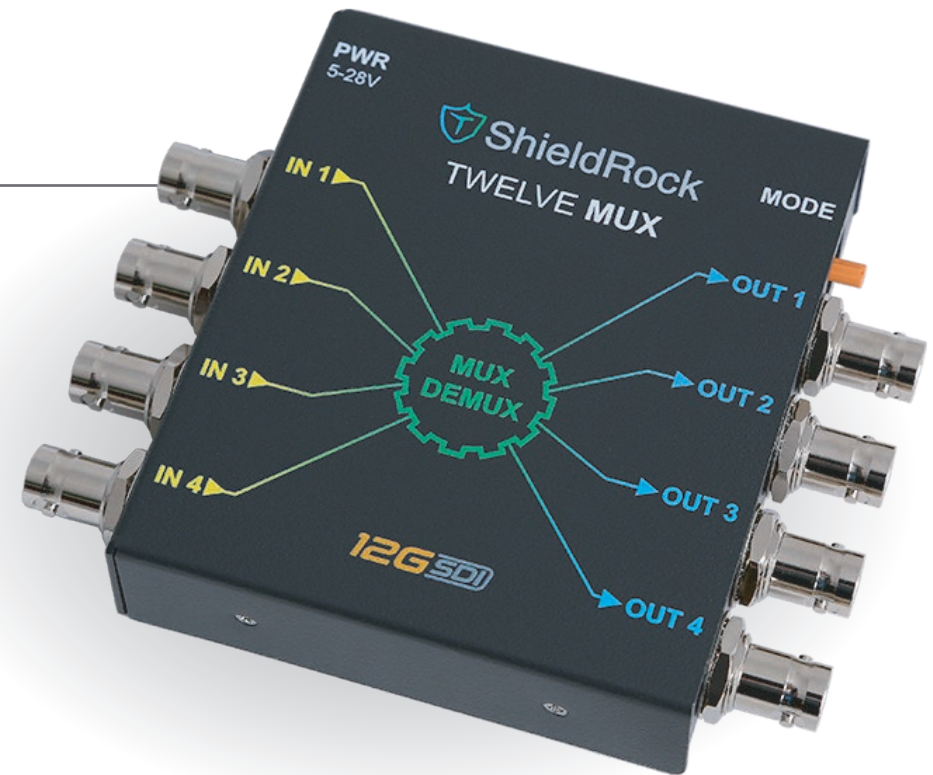
- 4K/UHD 2160p 23.98/24/25/29.97/30/48/50/59.94/60
- 2K/HD 1080p 23.98/24/25/29.97/30/48/50/59.94/60
- 1080i 50/59.94/60
- 1080PsF 23.98/24/25/29.97/30
- 720p 23.98/24/25/29.97/30/48/50/59.94/60

Electrical

- Input 5-24 VDC
- Power 7W max

Mechanical

- Dimensions 4.8 x 4.0 x 0.87in (122 x 102 x 22mm)
- Weight 330g



Typical Modes of Operation

