

# TWELVE-ST

## Bidirectional 12G-SDI Optical Fiber Converter

Transmit and receive 4K/UHD formats up to 2160p60 over fiber optic cable. The converter includes both equalizing and reclocking functions. The wide voltage input, and minimal power consumption allows for ease of integration and ability to lock the barrel connector in place. Though this unit uses a 1310nm singlemode-base optical engine, it can also work in multimode applications. Contact ShieldRock for list of optical options.

### Video Interface

- 12G-SDI, 6G-SDI, 3G-SDI, HD-SDI, SD-SDI, DVB-ASI (auto switching)
- SMPTE 292M, 259M, 296M, 297M, 372M, 424M, 425M, 2081, 2082
- Supports AES10 multi-channel (MADI) audio

### Video Format

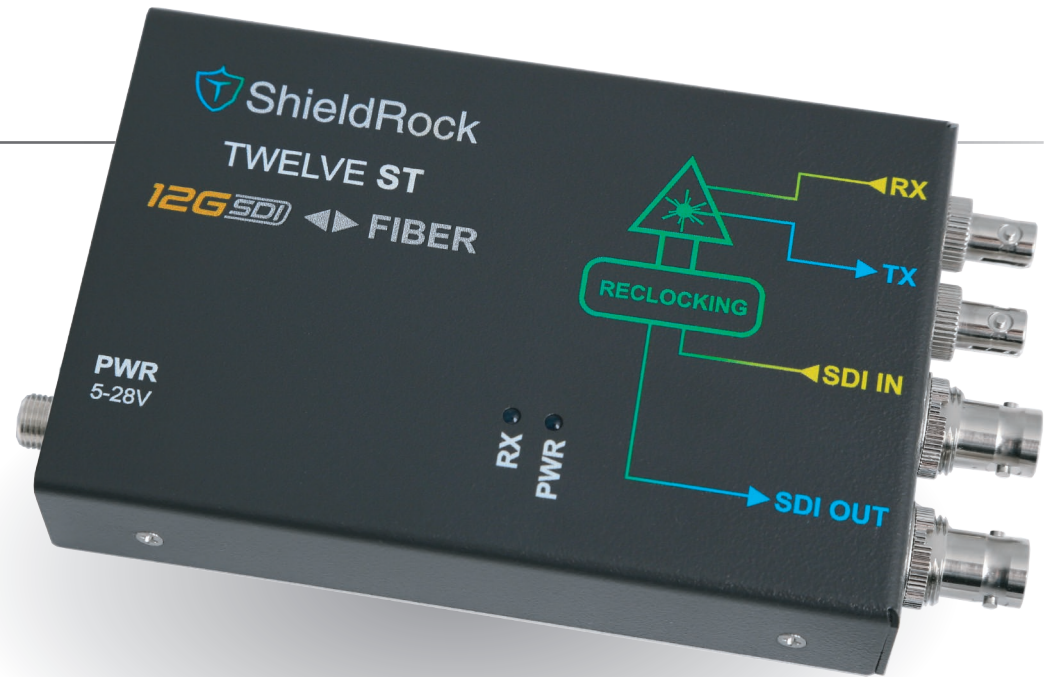
- 4K/UHD 2160p 23.98/24/25/29.97/30/48/50/59.94/60
- 2K/HD 1080p 23.98/24/25/29.97/30/48/50/59.94/60
- 1080i 50/59.94/60
- 1080PsF 23.98/24/25/29.97/30
- 720p 23.98/24/25/29.97/30/48/50/59.94/60
- SD 525i/29.97 NTSC, 625i/25 PAL

### Electrical

- Input 5-28 VDC
- Power 1.75W max

### Mechanical

- Dimensions 5.65 x 3.10 x 0.93in (143.5 x 78.7 x 23.6mm)
- Weight 180g



## Connections

