

High performance ST2110 SFP transmitter module designed to encapsulate a 3G-SDI signal to ST2110 stream for transport of uncompressed video over 10GbE IP network



SMPTE
ST2110

1080p60
4:2:2
10-bit

10GBase-
LX

Frame
Sync.

Overview

The **SFP-3G-2110-TX** module is high performance SMPTE ST2110 SFP transmitter module designed to encapsulate a 3G-SDI signal to ST2110 stream for transport of uncompressed video over 10GbE IP networks. The **SFP-3G-2110-TX** module is compatible with LivePremier™ SFP+ output cards as well as with VIO 4K converters. The module has a 10GE (10GBase-LX) port to be used directly with 10GbE switches and routers. It also includes a frame synchronizer to ensure signals are aligned with the system's PTP.

Key features

- ▶ SMPTE ST2110 SFP transmitter
- ▶ Compatible with LivePremier™ SFP+ input cards and with VIO 4K
- ▶ Supports 1x ST2110-20, 4x ST2110-30 and 1x ST2110-40 flows
- ▶ Supports signals up to 1080p60 10-bit 4:2:2
- ▶ Compatible with SD-SDI, HD-SDI, 3G-SDI (Level A & B)
- ▶ Multi-mode fiber with LC optical connector
- ▶ Hot-pluggable module
- ▶ Supports BT.709 and BT.2020 color spaces - compatible with HDR
- ▶ Built-in frame synchronization technology
- ▶ Supports NMOS control protocol
- ▶ Supports up to 8 embedded audio channels (PCM)

Dimensions

- ▶ W 0.53" x H 0.33" x D 2.22"
- ▶ L 13.4 mm x H 8.5 mm x P 56.5 mm

Weight without accessories

- ▶ 0.031 kg / 0.06 lbs

Shipping information

- ▶ shipped in a dedicated box

Operating conditions

- ▶ Temperature: 0 to 70°C (32 to 158°F)
- ▶ Humidity: 5% to 95%, non-condensing

Warranty

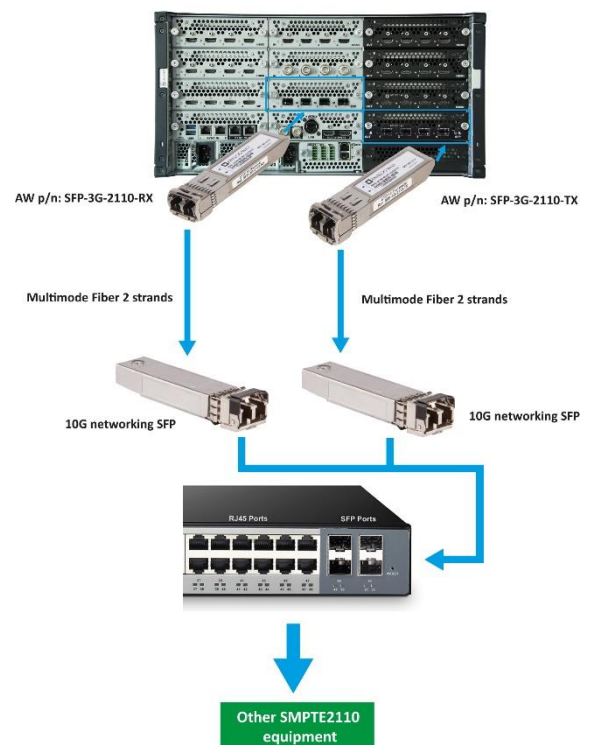
- ▶ 1-year warranty on parts and labor back to factory
- ▶ Broken connectors are not covered by warranty


Power supply

- ▶ Powered from Analog Way products

Safety Compliance

- ▶ Lead-free
- ▶ REACH and RoHS compliant
- ▶ Laser class 1



 Specifications subject to change without prior notice