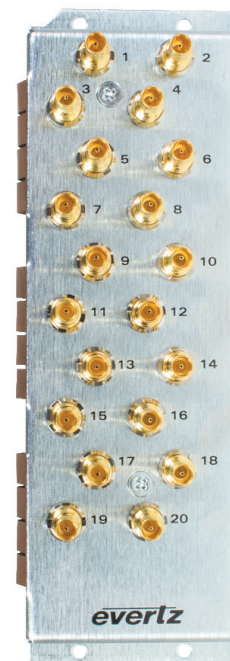
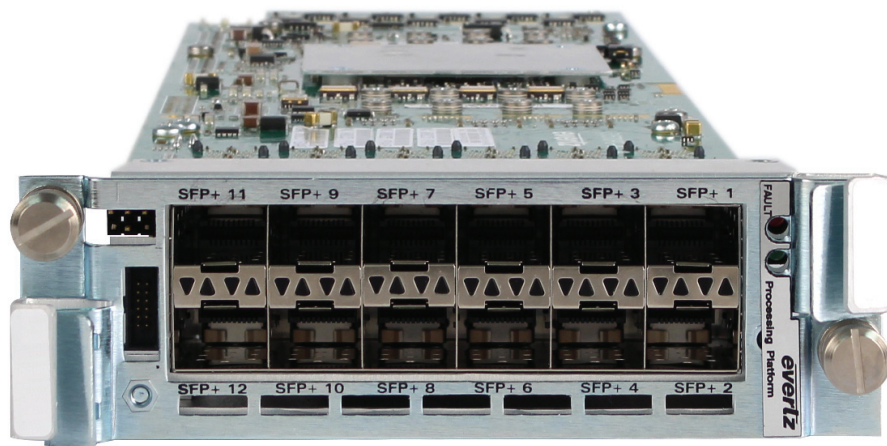


570ASI-X19

Bulk IP/ASI Media Processor



The 570ASI-X19 platform is a complete solution to concurrently convert SDI to SMPTE ST 2022-6/2110, SMPTE ST 2022-6/2110 to SDI*, ASI to IP and IP to ASI.

570ASI-X19 is a high density, high performance encap/de-encapsulator. With a truly unique and flexible design, the 570ASI-X19 supports a variety of operating modes depending on the APP loaded.

570ASI-APP-ASI: This APP enables 10x ASI to IP and 10x IP to ASI conversions concurrently. Up to 2x 10GbE ports are utilized and customers have the option of selecting any of the 2 ports to input/output IP streams.

570ASI-APP-IPG: This APP enables 6x6 conversions of SDI to SMPTE ST 2022-6/2110, SMPTE ST 2022-6/2110 to SDI*, ASI to IP and IP to ASI. Up to 6x 10GbE ports can be utilized and customers have the option of selecting any of the 6 ports to input/output IP streams.

The 570ASI-X19 supports hitless merge for both compressed and uncompressed streams. It also supports main and backup outputs.

The 570ASI-X19 can be managed via integrated HTTP web interface as well as SNMP management via frame controller.

► Features & Benefits

- High density conversions
- On-the-fly per-port configuration
- SMPTE ST 2110/2022-6 conversions

► Specifications

Serial Digital Video:

Standards: SMPTE ST 424M (3Gb/s),
SMPTE ST 292M (1.5Gb/s),
SMPTE ST 259M (270Mb/s)
SMPTE ST 2022-6

Serial Video/ASI Input:

Number of Inputs:
570ASI-APP-ASI: 10x ASI
570ASI-APP-IPG: 6x SDI/ASI
Connector: DIN
Input Equalization: Automatic to 100m @ 3 Gb/s,
150m @ 1.5 Gb/s,
350m @ 270 Mb/s
Return Loss: > 15dB up to 0.5 GHz,
> 10dB up to 3 GHz

IP Input:

Ethernet Interface:
570ASI-APP-ASI: 2x 10GbE SFP/SFP+
570ASI-APP-IPG: 6x 10GbE SFP/SFP+
Encapsulation: MPEG-2 TS over IP
Uncompressed: SMPTE ST 2022-6, ST 2110

Serial Video/ASI Output:

Number of Outputs:
570ASI-APP-ASI: 10x ASI
570ASI-APP-IPG: 6x SDI
Connector: DIN
Rise and Fall Time: Per SMPTE spec

IP Output:

Ethernet Interface:
570ASI-APP-ASI: 2x 10GbE SFP/SFP+
570ASI-APP-IPG: 6x 10GbE SFP/SFP+
Ethernet/IP Signaling: Multicast IGMP V2/V3
(SSM Support)

Electrical:

Power: 90W
Voltage: 12VDC
EMI/RFI: Complies with FCC Part 15, Class A
EU EMC directive

Enclosures:

570FR: 3RU chassis
S570FR: 1RU chassis

► Ordering Information

570ASI-X19 Bulk IP/ASI media processor, up to 12x 10GbE interfaces using SFP+ cages (SFPs sold separately). A 570ASI-APP must be purchased with each card.

Ordering Options:

570ASI-APP-ASI 570ASI-X19 app to enable 10x ASI in and 10x ASI out IP gateway, up to 2x 10GbE ports
570ASI-APP-IPG 570ASI-X19 app to enable 6x6 conversions of SDI, ASI, SMPTE ST 2022-6 and ST 2110, up to 10x 10GbE ports

SFP Modules:

SFP10G-TR13-A 10GbE optical SFP+

* Must order 570ASI-FK-FSE