SEEDER

IP Video Converter

For bidirectional conversion between ST 2110 streams and other media formats.

- Supports conversion of RTMP, SRT, NDI, NVI and other network streams (2 × UHD or multiple HD) into standard ST2110 video streams
- Supports up/down conversion, SDR & HDR conversion, and color gamut conversion for 2 × UHD or multiple HD streams.
- Supports interconversion between JPEG XS and standard ST2110 streams for 2 × UHD or multiple HD channels.



Product Technical Specifications

Product	Model
IP Video Converter	S-MCS100
Functions	
System Architecture	X86 architecture, embedded OS
Function Expansion	SDF distributed architecture (software-defined functionality), all audio/video formats supported under CPU+GPU capacity
Deep Compression	2×UHD or Multiple HD RTMP/SRT/NDI/NVI to ST 2110 Conversion
JPEG XS	2×UHD or Multiple HD JPEG XS ↔ ST 2110 Conversion
Color/Format	2×UHD or Multiple HD Up/Down Conversion, SDR↔HDR and Color Space Conversion
Standards	ST2110-10/20/21/30/40, ST2022-7
NMOS	Supports NMOS IS-04/05 for stream configuration and control
LSM Management	Quick setup of I/O sources, PTP, and stream monitoring
PTP Sync	1588V2, 2059-2, ST2110-10
HD Formats	1080 50i/50P/59.94i/60i/60P
UHD Formats	2160 50P/60P/59.94P
WEB Management	Real-time CPU, GPU, memory, and NIC monitoring
Specifications	
Data NIC	100Gb QSFP28 × 1
Mgmt NIC	1Gb RJ45 × 2
BMC Port	1Gb RJ45 × 1
Server Chassis	2U rackmount, 485×450×89 mm
Power	100–120V / 200–240V, 50/60Hz, redundant PSU
Storage Temp	–20~60°C
Operating Temp	–10~40°C
Stability	24/7 operation
Certification	NRTA MA & CNAS reports

Ordering Information

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