

Live System Manger

Seeder LSM's core functions:

1. Provides NMOS server functions for device management, monitoring, and IP stream routing.
2. Supports visual label management with customizable ST 2110-20/30/40 multicast addresses and ports, plus Excel import/export.
3. Automatically discovers and graphically monitors x86-based IP devices, with real-time status and alarms.
4. Monitors PTP synchronization status of all x86-based IP devices.
5. Provides IP stream technical monitoring with real-time parameter feedback.
6. Integrates an audio gateway supporting bidirectional AES67 and ST 2110-30 conversion.



Product Technical Specifications

Product	Model	
Live System Manager	S-LSM100	S-LSM110
Basic Functions		
System Architecture	X86 architecture, embedded OS	
Function Expansion	SDF distributed architecture (software-defined functionality), all audio/video formats	
Auto Detection	Auto-detects X86 IP devices; displays CPU, GPU, memory, storage, NIC, chassis, etc	
Visual Label Manage	Custom ST2110-20/30/40 multicast + ports; quick label selection;Excel import/export	
PTP Monitoring	Monitors PTP status of all supported devices	
Stream Monitoring	Monitors and visualizes I/O stream status for each X86 IP device	
Audio Gateway	AES67/2110-30 Audio Bidirectional conversion	
Supported Standards	ST2110-10/20/21/30/40, ST2022-7	
NMOS	Supports NMOS IS-04/05 for stream configuration and control	
PTP Sync	1588V2, 2059-2, ST2110-10	
WEB Management	Real-time CPU, memory, and NIC monitoring	
Basic Specifications		
Data NIC	100Gb QSFP28 × 1	
Mgmt NIC	1Gb RJ45 × 2	
BMC Port	1Gb RJ45 × 1	
Server Chassis	2U rackmount, 485×450×89 mm	4U half-rack with 8.4-inch 1920 × 1200 touchscreen
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

Product Model	Product Name
S-LSM100	Live System Manager
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