SEEDER

IP UHD Recorder

For disk-based recording and playout of ST2110 stream signals.

- 3 × UHD or 8 × HD ST2110 streams for simultaneous recording or playback.
- 4 × 12G/3G/1.5G-SDI I/O channels.
- Supports zero-latency preview during recording and playback.
- Supports multi-device synchronized operation based on PTP.
- Compliant with ST 2110-10/20/21/30/40 and ST 2022-7 standards.





Specification Comparison Table

Product	Model	
IP UHD Recorder	S-DVR200	S-DVR210
Basic Functions		
System Architecture	X86 architecture, embedded OS	
Function Expansion	Any A/V format within CPU capacity; software-defined functions	
Record Channels	3× UHD or 8× HD simultaneous	
Playback Channels	3 channels in 4K mode; 8 channels in HD mode	
UHD Codecs	XAVC300、XAVC-LGOP200、DNxHR、ProRes、H.265,etc.	
HD Codecs	XAVC100、ProRes、DNxHD、XDCAM HD, etc.	
Preview	Zero-latency preview during recording&layback	
Multi-channel Record	Multi-unit main/backup sync + PTP timecode-aligned multi-channel recording	
Recording Modes	Scheduled recording, AI-triggered recording, and automatic segmented recording	
Audio Monitoring	Selectable channel audio monitoring	
Audio Delay	Audio delay adjustment for video synchronization	
Standards	ST2110-10/20/21/30/40 and 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/59.94P/60i/60P	
UHD Formats	2160 50P/60P/59.94P	
WEB Management	Web-based UI for real-time monitoring of CPU, memory, NIC and other device parameters	
Audio Delay	Supports input/output delay	
Basic Specifications		
Data Interface	100Gb QSFP28 × 1 and 12G-SDI × 4	100Gb QSFP28 × 1 or 12G-SDI × 4
Management Interface	2.5Gb RJ45 × 1	
External Storage	USB4 interface for external storage	
External NAS	Supports network-attached external NAS storage	
Server Chassis	2U standard rackmount, 485 × 450 × 89 mm	4U half-rack with 8.4-inch 1920 × 1200, 500-nit touchscreen
Media Storage	4TB M.2	
Power	100–120V / 200–240V 50/60Hz, Redundant power supplies	100–120V / 200–240V 50/60Hz, 500W power supply
Storage Temp	–20°C to +60°C	
Operating Temp	–10°C to +40°C	
Stability	24/7 operation	
Certification	NRTA CMA & CNAS reports	

Ordering Information

Product Model	Product Name
S-DVR210	IP UHD Recorder
S-DVR200	IP UHD Recorder