SEEDER

IP UHD Delay

IP ST 2110 recorder, delay, and playback system.

- Supports 1 × UHD input recording; 1 × fixed-delay output; 1 × customizable-delay output; 1 × filler video output.
- Configurable delay of up to 2 hours.
- Supports main/backup synchronized operation.





Product Technical Specifications

Product	Model	
IP UHD Delay	S-RD200	S-RD210
Function		
System Architecture	x86 architecture, embedded operating system	
Functional Expansion	SDF distributed architecture (software-defined functionality), all audio/video formats supported under CPU+GPU capacity	
Recording Channels	1 × UHD input recording	
Playback Channels	1 × filler video output	
Delay Channels	1 × fixed-delay output and 1 × customizable-delay output	
Delay Duration	Up to 2 hours, user-configurable	
UHD Codecs	XAVC300, XAVC-LGOP200, DNxHR, H.265	
HD Codecs	XAVC100, ProRes, DNxHD, XDCAM HD	
Video Preview	Latency-free preview during recording and playback	
Multi-Channel Recording	Main/backup synchronized operation for high-precision system synchronization	
PTP Sync	Supports standard PTP timing signals for A/V synchronization of input and output IP streams	
Audio Delay	Audio delay adjustment for A/V synchronization	
LSM Management	LSM for quick I/O definition, PTP status, and stream monitoring	
Supported Standards	ST2110-10/20/21/30/40 and ST2022-7	
NMOS	NMOS IS-04/05 for stream configuration and control	
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, GPU, memory, NIC and other device parameters	
Specification		
SDI I/O	4 × 12G/3G/1.5G SDI input/output channels	4 × 12G/3G/1.5G SDI input/output channels; or 100Gb QSFP28 × 1
Data Network Interface	100Gb QSFP28 × 1	
Management Network Interface	2.5Gb RJ45 ×1	
External Storage	USB4 external storage support	
External NAS	Network-based NAS support	
Chassis	2U rack-mount, 485 × 450 × 89 mm	4U half-rack with 8.4" 1920×1200 touchscreen
Media Storage	4TB M.2 SSD	
Power Supply	100–120V / 200–240V, 50/60Hz, 500W redundant PSU	
Storage Temperature	–20°C to +60°C	
Operating Temperature	–10°C to +40°C	
Continuous Operation	24/7 operation	

Ordering Information

Product Model	Product Name
S-RD200	IP UHD Delay
S-RD210	IP UHD Delay