SEEDER

3U Multi-Format Gateway Chassis

This is a 3U multi-format gateway chassis with 6 board slots, enabling bidirectional conversion between SDI signals and ST2110 stream signals in multiple formats.

Key Interfaces & Performance

- 6×4 12G-SDI and 6×8 3G/1.5G-SDI I/O channels
- 2×100G Ethernet ports for 16-channel 4K stream input and 8-channel 4K stream output
- Customizable I/O configuration with input loop-through support
- Supports adjustable audio input/output delay



Video Formats & Protocols

- Video formats: HD 1080 50/59.94/60i/P, UHD 2160 50/59.94/60P
- Supported protocols: ST2110-10/20/21/30/40 and ST2022-7
- Supports standard PTP synchronization; performs frame synchronization on incoming IP streams and SDI signals, and allows phase adjustment of converted SDI signals and IP streams based on PTP

Management & Control

- Supports NMOS IS-04/05 protocols for stream routing and configuration via NMOS software
- Supports quick I/O source configuration using LSM tags
- WEB-based management interface for real-time monitoring of CPU, memory, network interface status and other operating parameters

Hardware & Reliability

- Mature X86 architecture with embedded OS for stable, reliable 7×24 operation
- 3U rackmount: 2×100Gb data ports, 2×1Gb management ports, 1×BMC management port
- Standard 550W redundant power supply
- Authoritative test reports certified by NRTA, CMA and CNAS are available

Ordering Information

Product Model	Product Name
S- IPG 3U	3U Multi-Format Gateway Chassis