atlasGear 20-slot openGear™ Chassis
aG4800

Sencore's aG4800 is the chassis for our series of professional receiver decoder cards with high-density, multi-format decoding capabilities. The aG4800 20-Slot openGear™ Chassis accommodates up to 10 receiver decoder cards (10 channels) in a 2RU frame.

The Sencore card-based series of receiver decoders are used within the aG4800 openGear™ chassis. With openGear™ and the open architectured system, the multi-format decoding functionality of Sencore's award winning Modular Receiver Decoder (MRD) can be easily integrated with a wide range of solutions available from multiple companies, each specializing in their own technologies.

KEY FEATURES

- **20-slot Chassis**
  Easily integrate up to 10 Sencore receiver decoder cards in this high density 2RU frame

- **Hot Swappable Cards**
  All Sencore receiver decoder cards are hot-swappable for seamless operation. Unused slots can be pre-wired into a facility to allow the installation of additional cards at anytime without accessing the rear of the frame.

- **Redundant Power Supplies**
  Redundant 150W power supplies are hot-swappable for 24/7 operation.

- **Remote Access**
  View multiple chassis and multiple cards simultaneously with the DashBoard™ application. Integrate monitoring and control into any network management system with the available SNMP MIB.

APPLICATIONS

Easily integrate the multi-format decoding functionality of Sencore's award winning Modular Receiver Decoder (MRD) with a wide range of openGear™ solutions.

- **Multi-Channel and Multi-Format Decoding**
  Ideal for bulk channel monitoring and turn-around applications.

- **Multi-Function A/V Processing**
  Meet all contribution and distribution requirements.

SPECIFICATIONS
20-slot openGear™ Chassis aG4800

KEY SPECIFICATIONS

Rack Frame Dimensions:	3.5"H X 19"W X (15.625"D
	90mm X 483mm 390mm
Rack Frame Weight:	10 lbs. (4.5kg)
Power Supply Input:	100 - 240VAC, 47-63 Hz, 190 Watt
Number of Slots:	20
Total Power Dissipation:	120W
Card Slot	
Power Dissipation:	Not to exceed 12W
Max Power, +12V Rail:	1.0A (12 Watt)
Max Power, -7.5V Rail:	0.2A (1.5 Watt)

AtlasGear RECEIVER DECODER CARDS

aG4801 8VSB/ASI to ASI/SDI Receiver Decoder Card

Sencore's aG4801 is a receiver decoder card with multiple channel, high-density, multi-format decoding capabilities. The 8VSB to ASI/SDI receiver decoder card enables providers to receive ATSC broadcast signals and output those signals via ASI and SD/HD-SDI.

aG4802 ASI to ASI/SDI Receiver Decoder Card

The aG4802 ASI to ASI/SDI Receiver/Decoder card enables providers to receive an ASI signal and output that signal via ASI and SD/HD-SDI. Receive ASI signals for encoding network feeds behind a de-encrypting receiver.

aG4803 8VSB/ASI to ASI/Composite Receiver Decoder Card

This receiver decoder card enables providers to receive ATSC signals via 8VSB broadcast or ASI from the studio, and output those signals via ASI and Composite Video. Easily transition to all-digital ATSC broadcasts while supporting the needs for extended analog signal carriage.

aG2826 IP De-encapsulator with 6 ASI Outputs

The Sencore aG2826 is an IP de-encapsulator with IP inputs and 6 ASI output ports. When coupled with the Sencore's aG4802 card-based decoders, it provides a high density decoder solution for MPEGoIP carried video. The aG2826 fits into any openGear, along side other openGear products. The aG2826 provides the ability to route any of the IP encapsulated TS to the ASI ports and specify a redundancy scenario by adding a backup IP source for each ASI output