

AtlasGear 20-slot openGear® Chassis

AG 4800A



openGear® is a registered trademark of Ross Video

Sencore's AG 4800A is the chassis for our series of professional receiver decoder cards with high-density, multi-format decoding capabilities. The AG 4800A 20-Slot openGear® Chassis accommodates up to 10 AG2600/4400/5800 receiver decoder cards (10 channels) or 18 AG9000 decoder cards in a 2RU frame.

The Sencore card-based series of receiver decoders are used within the AG 4800A openGear® chassis. With openGear® and the open architected 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 various 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 AG 4800A

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

AG 2600 Receiver Card

The AG 2600 receiver card leverages the DVB-S2, IP, 8VSB/QAM-B, DVB-T/T2/C/C2/ISDB-T, dual DVB-CI and ASI designs from Sencore's newest receiver decoder cards to provide a cost effective multi-channel reception and descrambling platform.

AG 4400 Receiver Decoder Card

The AG 4400 Receiver Decoder Card offers satellite, IP, ASI, 8VSB/QAM-B and DVB-T/T2/C/C2/ISDB-T inputs for flexible installation into a variety of video delivery systems. Optional integrated DVB-CI descrambling and BISS-1/E capabilities makes AG4400 a powerful solution for receiving feeds from primary distribution.

AG 5800 Advanced Receiver Decoder Card

The AG 5800 Advanced Receiver Decoder Card offers the same range of inputs and capabilities as AG 4400 with the addition of decoding up to 1080p60.

AG 9000 4K HEVC Monitoring Decoder

The AG 9000 4K HEVC Monitoring Decoder is capable of decoding full 4K HEVC content and can output via HDMI or downconverted 1080p50/60 via SDI.