

# AtlasGear 20-Slot openGear® Chassis

AG 4800XS



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The AG 4800XS is the newest chassis for Sencore's line of AtlasGear cards including professional receiver decoders with high-density, multi-format decoding capabilities and digital gateway adapters. This 20-Slot, 2RU openGear® Chassis accommodates up to 10 dual-slot AtlasGear cards in any combination including AG 2600/4400/5800 receiver decoder cards or the AG SDI2X - SDI over IP Gateway card.

Numerous innovative features make the AG 4800XS chassis the perfect modular solution for any video delivery network. All parts of the chassis including power supplies, cards and controllers are hot-swappable from the front. An LCD screen on the front panel provides quick access to IP addresses and error information. An integrated color LED strip adds customizable identification and alarming.

The AG 4800XS includes both the advanced networking features of the integrated Gigabit network switch and the SNMP control/monitoring capabilities. For customers that don't require the SNMP features, Sencore also offers a lower-priced option called the AG 4800X.

With openGear® and the open-architected system, Sencore's award winning AtlasGear cards can be easily integrated and coupled with a wide range of video and audio processing solutions available from multiple companies, each specializing in their own technologies.

## KEY FEATURES

- **20-Slot Chassis**  
Easily integrate up to 10 dual-slot Sencore AtlasGear cards in this high-density 2RU frame
- **Hot-Swappable Cards**  
All Sencore AtlasGear 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**  
Chassis accommodates two front-loaded, hot-swappable 600W power supplies for 24/7 operation
- **Remote Access** the web GUI for each installed AtlasGear card independently with the chassis' internal network switch. Control all the chassis on your network simultaneously with the DashBoard™ application
- **Network Management**  
Integrated monitoring and control for any network management system with the available SNMP MIB

## APPLICATIONS

Easily integrate the multi-format decoding and turnaround functionality of Sencore's industry-leading AtlasGear cards with a wide range of other openGear® solutions.

- **Multi-Channel Decoding and Turnaround**  
Ideal for bulk channel monitoring and digital gateway applications
- **Multi-Function A/V Processing**  
Meet all contribution and distribution requirements in a single chassis by integrating Sencore AtlasGear cards with other openGear® partner cards

# SPECIFICATIONS

## 20-Slot openGear® Chassis AG 4800XS

### KEY SPECIFICATIONS

Chassis Dimensions:	3.5" H X 19" W X 16" D 90mm X 485mm X 406mm
Chassis Weight:	10lbs. (4.5kg)
Power Supply:	100-240VAC, 50-60Hz, 600W 1 supply included; 1 optional
Number of Card Slots:	20
Chassis IP Port:	10/100/1000Mbps RJ45 Integrated switch to each card
Chassis Genlock Ports:	2x Reference Loops (4 ports)
Genlock Port Type:	BNC 75ohm
Chassis SNMP:	AG 4800XS Only

### SENCORE ATLASGEAR 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 multichannel 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 AG 4400 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 6000 - HEVC/4K Receiver-Decoder Card

The AG 6000 is the newest addition to the Sencore AtlasGear product line. It offers unmatched primary distribution decoding features just like the AG 4400, but adds HEVC decoding and 4k resolution support. The AG 6000 supports the same broad range of RF, IP and ASI input options as Sencore's other AG Receiver-Decoder cards.

#### AG SDI2X - SDI over IP Gateway Card

The AG SDI2X SDI over IP Gateway Card is a simple and dense solution for SDI over IP turnaround. It allows interconnection of legacy SDI infrastructure to newer, IP-based production gear for high-quality video backhaul and transport.