

10-Slot Chassis for Receiver-Decoders

CRD 4900



OVERVIEW

The CRD 4900 is a new, modular chassis for Sencore's line of professional receiver-decoder cards. This 2RU chassis provides space for 10 hot-swappable cards while also offering redundant, hot-swappable power supplies.

With separate, internal 1Gbps network switch capabilities for both management and MPEG-IP, the CRD 4900 simplifies installation by reducing the need for external cabling and external IP switch ports. The internal genlock reference distribution also allows full genlock synchronization to all cards in the chassis.

The Sencore card-based series of receiver-decoders coupled with the new CRD 4900 chassis provides one of the most dense and simple options available for customers looking to do mass decoding or dense turn-around of streams.

APPLICATIONS

- **Multi-Channel and Multi-Format Decoding**
Ideal for bulk channel monitoring and mass decoding
- **Dense Stream Turn-Around**
Easily convert input signals from RF, ASI and IP to outputs as ASI or IP

KEY FEATURES

- **10-Slot Chassis**
Easily integrate any combination of 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 any time without accessing the rear of the frame.
- **Redundant Power Supplies**
Redundant power supplies are hot-swappable for 24/7 operation.
- **MPEG-IP Network Distribution**
Internal 1Gbps MPEG-IP network switch for distributing MPEG-IP traffic to/from the cards separately from the management network. Single MPEG-IP network port on the back of the chassis provides access to all cards which greatly simplifies external cabling and port needs.
- **Web-Based Management and Control**
Integrated web GUI for controlling the chassis and internal cards from any device. No software to install

SPECIFICATIONS

10-Slot Chassis for Receiver-Decoders CRD 4900

INTERFACES

Management Port: RJ45 1Gbps
MPEG/IP I/O Port: RJ45 1Gbps
Genlock Reference Port: 75ohm BNC

Card Slots: 10 Slots for Sencore AG cards

Chassis Management: Full control through web GUI or SNMP

PERFORMANCE

MPEG-IP Switch 850 Mbps cumulative bitrate in & out

PHYSICAL

Chassis Dimensions: 3.5"H x 19"W x 18"D
90mm x 483mm x 458mm
Power Supply: 100-240 VAC
47-63 Hz
Power Redundancy: Dual Power Supplies Available

COMPATIBLE 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 make 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.