

SENCORE

Serving Your Video Needs Since 1951 MPEG-2

ATLAS Receiver Solution



MRD3187 *Modular Receiver Decoder*

A Total Receiver Solution, Designed to be Configurable to Your Specific Needs, with a Flexible System Base and Powerful Software Package, Providing Easy System Integration Anytime, Anywhere

Versatile Modular Platform- *Prevents you from being locked into today's technology*

Local and Remote Signal Monitoring- *Allows you to verify the quality of the decoded video anytime - anywhere!*

Easy System Integration - *Adapts directly to your system through Ethernet or Serial ports*

Optional Conditional Access Interface - *Assuring system compatibility now and in the future*

What Is The *Atlas* Solution?

The *Atlas* system is a completely new concept in receiver decoder technology. Most receiver decoders today are called “integrated” not because they integrate easily into your system, but because they have every type of input and output integrated into them. The question is, do you really need every input and output, or are you paying for I/O’s that you will never use?

That’s what makes the MRD 3187 different than any other Receiver/Decoder on the market today.

The *Atlas* system is comprised of a hardware platform that is completely configurable to your application. Plus, the system features remote access capabilities and multi-unit management software that will make system integration simple and easy.

With digital video going deeper into today’s systems, and interface technologies rapidly changing, the time for a platform that adapts to your needs is here.

The *ATLAS* solution is designed to give you the choice of which options you need now, and the flexibility to change in the future.

The modular design of the MRD 3187 allows you to customize a compact, modular chassis to fit your particular needs by choosing from a variety of input and output possibilities, including: RF Inputs, Transport Stream I/O’s, video decoding, and audio decoding.

In addition to providing you with a variety of options, the MRD 3187 also provides you with signal monitoring capabilities that can be accessed remotely through an easy-to-use SNMP protocol through either an Ethernet port or serial port. Through the software you can manage or monitor multiple units. You can also reconfigure the unit remotely through the same software.

SENCORE



Easy-to-Use Front Panel



Simple Unit Configuration

***ATLAS* System MRD 3187 Professional Modular Receiver/Decoder**

- The MRD 3187 is a stable operating platform that is capable of changing as technology changes. Assures that you are not locked into today’s technology.

- A fully professional grade receiver decoder which can be easily configured to meet any application.

- Unique design (either 1 x 6 or 2 x 3), can provide you with up to 2 independent or redundant outputs, saving valuable rack space or reliable backup content source if main signal is lost.

- Options for a wide range of conditional access protocols giving you wider range of HD content.

Provides full audio decoding including: both Dolby AC-3, Secondary Audio, and MPEG-1 audio to Analog Left and Analog Right.

Complete signal monitoring and troubleshooting capabilities of the decoded digital signal from the unit or through easy to use software.

SENCORE

Digital Video Decoding Made Easy

The Atlas is capable of decoding MPEG-2 Main Profile @ High Level (4:2:0), Main Profile @ Low Level and Simple Profile @ Main Level. It also provides you with all the ATSC formats including: 1080I, 720P, 480I and 480P. Analog options include: NTSC, S-Video, RGB/YPbPr. Digital video options include SDI/HDSDI.

Full Audio Decoding For Your Choosing

The MRD 3187 lets you choose digital and analog audio outputs in a variety of connector options. You have the ability to decode both Dolby AC-3 and MPEG-1 Audio to Analog Left and Analog Right. Secondary Audio is also available.

More Than Just A Receiver-Decoder

The **Atlas** Receiver System, offers an option for you to gain valuable information about the decoded video and audio that can be used to verify the correct decoded video. The video and audio bitrate, aspect ratio, native format, and other useful information can be displayed for your convenience.

The option also decodes and displays, as an overlay, the selected PSIP information. This allows you to quickly verify the presence, as well as the content of each PSIP table, for a fast and accurate method of viewing the PSIP data.

Complete Remote Operation

The MRD 3187 offers a unique and easy to use SNMP protocol. It can be controlled through either a Ethernet or Serial port. Through software, the unit can be remotely accessed for re-configuration or as a remote monitoring device.



Use SNMP Protocol via Ethernet or Serial port for easy remote operation!

Applications And Uses

High Definition TV Contribution

The MRD 3187 is the ideal solution for decoding 4:2:0 MPEG signals carried on satellite and telco networks.



Cable Head End

Configured with QPSK, QAM, or ASI interface, it provides high quality video, ideal for cable head-ends. Receiver is capable of de-scrambling one service and outputting as an ASI.



Terrestrial Signal Contribution

Configured with an 8 VSB demodulator, the MRD 3187 allows direct reception of over the air terrestrial signals.



Remote Monitoring

With easy-to-use SNMP protocol, the MRD 3187 can be used to remotely monitor decoded video, ensuring a quality signal is being received at any remote location.



Mobile News Gathering

More and more live events are being covered in HD. The MRD 3187 can be outfitted with a QPSK demodulator for the ideal end-to-end news gathering solution.

