

Features

- **ADVS® - Adaptive Digital Video Standard Compression Algorithm**
- **Real-Time Digital Compression of Full-Motion Video**
- **Standard 3.5-inch High (2U), 19-inch Rack Mount Chassis**
- **Low Power - 30 Watts Typical at 120 VAC**
- **No Blurred Motion - Each Frame Separately Displayed**
- **User Programmable Video Parameters via EIA-232 Port**
- **Composite NTSC Color or PAL**
- **Receives at Rates Up to 10 Mbps Over Any Digital Medium**
- **Optional Multiplexer Puts 3 Serial Ports, Voice, and Video on One Line**
- **Compatible with All Enerdyne ADVS® Equipment**

The DEC2000R2 decoder receives digitized video signals from the encoder via any type of digital communications link. The decoder accepts the digital video signal from the communications link devices in a digital data and digital clock format, and then converts these signals back to the original standard NTSC color analog television picture. After performing the required decoding functions, the Model DEC2000R2 outputs a standard NTSC color video signal suitable for either recording or viewing on a color television monitor. The color video compression decoder has the capability of being connected into the system at any time from the beginning of the session. The system operating parameters are automatically derived from information contained within the compressed video data stream. No handshake with the encoder is required, because the decoder will output the first full picture received. The decoder is capable of achieving data synchronization upon presentation of the data and clock signals. The data demultiplexer or optional communications demultiplexer allows restoration of data from a similarly equipped encoder.

DEC2000R2

DEC2000R2 Decoder Functional Block Diagram

