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## Product Options



### A.0 Hardware Options

The following enhanced interface cards are available.

#### A.0.1 G.703/IDR ESC Interface

The DMD20 can be equipped with a G.703/IDR ESC Interface.

#### A.0.2 Turbo Card

The DMD20 can be equipped with an optional Turbo Codec Outer Code. This option must be installed at the factory and may require other options.

#### A.0.3 Internal High Stability

The DMD20 can be equipped with a  $5 \times 10^{-8}$  or better Stability Frequency Reference as an add-on enhancement. This is a factory upgrade only.

#### A.0.4 DC Input Prime Power

Allows for an optional DC Input Power Source (**standard unit only**).

#### A.0.5 ASI/RS-422 Parallel

ASI, Serial, BNC (Female)  
DVB/M2P, Parallel, RS-422, DB-25 (Female)

#### A.0.6 ASI/LVDS Parallel

ASI, Serial, BNC (Female)  
DVB/M2P, Parallel, LVDS, DB-25 (Female)

#### A.0.7 HSSI

High-Speed Serial Interface 50-Pin SCSI-2 Type Connector. Complies with Cisco Systems in HSSI Design Specification, Revision 3.0.

#### A.0.8 Ethernet Data Interface

Four RJ-45, Auto-Crossover, Auto-Sensing, 10/100 Ethernet Data Ports. Complies with IEEE 802.3 and IEEE 802.3u.

#### A.0.9 Sequential Interface

The DMD20 is equipped with a Sequential option.

### **A.0.10 AS/5167 Super Card (Variable Reed-Solomon)**

The DMD20 can be equipped with an optional AS/5167 Super Card. This card allows variable Reed-Solomon rates as well as Turbo Codec and Sequential Codec Outer Code. This option must be installed at the factory and may require other options.

### **A.0.11 Custom Reed-Solomon**

The DMD20 offers custom Reed-Solomon N+K values as an optional hardware upgrade.

## **A.1 Customized Options**

The DMD20 may be customized for specific customer requirements. Most modifications or customization can be accomplished by means of firmware/software modifications.

The following are examples of the types of customization available to the user:

- Customized Data Rates.
- Customized Scrambler/Descramblers.
- Customized Overhead Framing Structures.
- Customized Modulation Formats.
- Customized Uses for the ES-ES Overhead Channel.

Contact the Radyne ComStream, Inc. Customer Service or Sales Department at (602) 437-9620 for all requests.