
Product Options



A.0 Hardware Options

The following enhanced interface cards are available.

A.0.1 G.703/IDR ESC Interface

The DMD50 can be equipped with a G.703/IDR ESC Interface.

A.0.2 Turbo Card – AS/5157 Super Card

The DMD50 can be equipped with an optional Turbo Codec Outer Code. In addition, this card allows for variable custom Reed Solomon Rates and Sequential Codec Outer Code. This option must be installed at the factory and may require other options.

A.0.3 Internal High Stability

The DMD50 can be equipped with a 5×10^{-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 HSSI / G703

High-Speed Serial Interface 50-Pin SCSI-2 Type Connector. Complies with Cisco Systems in HSSI Design Specification, Revision 3.0. The G703 interface supports T1, E1, T2, E2 rates balanced or unbalanced. It does not support backwards alarms.

A.0.10 HSSI / ETHERNET

High-Speed Serial Interface 50-Pin SCSI-2 Type Connector. Complies with Cisco Systems in HSSI Design Specification, Revision 3.0. Four RJ-45, Auto-Crossover, Auto-Sensing, 10/100 Ethernet Data Ports. Complies with IEEE 802.3 and IEEE 802.3u.

A.0.11 AS/5167 Super Card (Variable Reed-Solomon)

The DMD50 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.1 Customized Options

The DMD50 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 Corp. Customer Service or Sales Department at (602) 437-9620 for all requests.