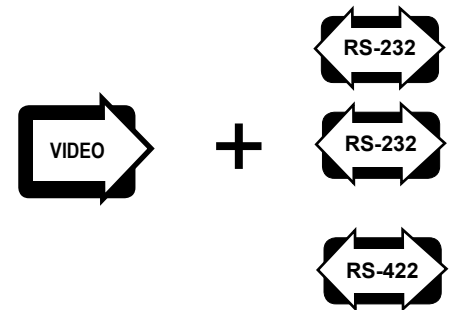


Digitally-Encoded One Channel 10-Bit Video
with Two Bi-directional RS-232 &
One Bi-directional RS-422 Data



FEATURES:

- 10 Bit Video Digital Encoding
- Real Time Video, RS-422 & RS-232 Data
- 7 MHz Video Bandwidth
- Meets RS-250C Short Haul Transmission Specifications
- NTSC, PAL, SECAM Compatible
- Wide Optical Dynamic Range: Eliminates Need For Optical Attenuators
- Laser Based Systems for Multimode and Singlemode
- Surface Mount Technology (SMT) for High Reliability and Repeatability
- *SpectraSmart™* Network Management Compatible
- Local LED Status Indicators to Monitor Critical System Diagnostics for Performance Parameters
- ST, FC Optical Connector
- Hot Swappable Cards
- Laser Back - Biased Photo Detector Circuitry for Stable Optical Output Over Full Temperature Range.
- 75 Ohm BNC Video Connector (Gold Center Pin)
- Meets EIA RS-170, RS-343A Formats
- DB 9 Type Connectors for Data
- DC to 1 Mb/s Data Rate

DESCRIPTION:

The DT/DR-1W2D1F/2D1F series products incorporate digital encoding technology. This fiber optic module transmits one each of real-time, high performance of Simplex 10-bit digitally encoded video signal & 2 full Duplex channels of RS-232 & 1 Bi-directional channel of RS-422 data over one or 2 fiber. Both multimode and singlemode fiber versions are available. Meridian's digital product line incorporates plug-in personality signal cards to easily configure a wide variety of module types. The functionality of the DT/DR-1W2D1F/2D1F series products are enhanced by their compatibility with Meridian's PC based SpectraSmart Network Management & Diagnostic Software system. SpectraSmart supervises the operating parameters of the transmission system such as the status on video levels, sync, digital carrier detect, voltages, temperatures, optical levels etc. See SpectraSmart brochure for further details.

CONFIGURATIONS:

The DT/DR - 1W2D1F/2D1F product family is available as rack mount cards and modules that can be installed in Meridian's card chassis, desk chassis and 19" racking frames. This system can be configured in either star (module to rack) or trunking (rack to rack) configurations. These systems can be made a standalone system by using the SR-1000/s, 2 slot desk / wall mount chassis (87VAC-264VAC)

MARKETS:

- √ Intelligent transportation systems (ITS)
- √ Security and surveillance
- √ Access Control

