

*** VIDEO TRANSPORTS FOR ALL YOUR NEEDS ***

MPEG2 Encoding (Optimized for High Quality at Low Bandwidth)

4200 MPEG2 MV2-T Encoder



- Video Input Options include Analogue Video, SDI
- Operates from 2 Mbit/s (E.1) to 15 Mbit/s
- Analogue Audio Input
- Network Output Options (build-in) include
- E.1, ASI/TS, V.11
- Connects directly to 1900 Series and 1990 Series
- I-MUX for n x E.1 Operation
- Housed in 1U 19" Euro Subrack, depth 390mm
- Dual PSU's (100-240V AC, 50-60Hz)
- Local management and system set-up
- via Network Terminal
- Applications include, Local Broadcast, VOD,
- SNG/ENG, Distribution.

Network Adapter (For insertion of one ASI/TS or Data signal into PDH Network)

1800 Series Network Adapter Unit



- ASI & LVDS Transport Stream interfaces
- Interleaving and de-Interleaving (set-up option)
- G.703 monitor port on TX units
- Conversion of 188 byte packets to 204 byte packets.
- (set-up option)
- Reed-Solomon error correction (204, 188 - 8) for
- non-error protected streams.
- Conversion from byte-space to packet-space or vice-versa
- ASI to LVDS conversion or vice-versa

PDH Media Combiner (up to 8 ASI/TP and/or Datastreams into PDH networks)

1900 Series Media Combiner



- Housed in 1U 19" Euro Subrack, depth 390mm
- Dual PSU's (100-240V AC, 50-60Hz)
- Modular design, to grow with your requirements.
- Up to eight ASI/TS or data inputs.
- Dual Telecom outputs on TX units.
- Input modules available: - ASI, LVDS & E1/T1.
- Telecom Network modules available:
- E3, DS3 & E4 (STM-1 to follow).
- Programmable Reed-Solomon forward error correction
- (4 or 16 bit).
- Fully flexible bandwidth usage.
- Local management and system set-up
- (via front panel interface).

Inverse Multiplexer (The output signal distributed on up to 8 E.1' in parallel (16 Mbit/s))

1990 Series I-MUX (Inverse Multiplexer)



- Units are housed in 1U 19" Euro Subrack, depth 390mm
- Dual PSU's (100-240V AC, 50-60Hz)
- Modular design, to grow with your requirements.
- Up to eight E1/T1* telecom links on 4 modules (2 per module)
- Input Signal formats ASI or SPI (LVDS) MPEG.
- Programmable Reed-Solomon forward error correction (4 or 16 bit).
- Local management and system set-up (via front panel interface).

Active Distribution Amplifier

**2100 Series
Active Distribution Amplifier**



- 3 Versions operating from T1 through to STM-1 rates
- 2HU 19" Subrack houses 4 independent, fully active splitter modules
- Each module has one 75 Ohm input and three independent 75 Ohm outputs.
- These can be configured as follows:
 - Four independent one input with three outputs splitters
 - Two independent one input and five outputs splitters
 - One input with nine outputs splitters
- Operates with signal amplitudes from full level to monitor point.
- All inputs and outputs are protected by K12 protection devices

Loss of Signal Monitor & Auto Switch (Protection Switching)

**2400 Series
Switch & Loss of Signal Monitor**



- Housed in 1HU 19" Euro Subrack, depth 390mm
- Dual PSU's (100-240V AC, 50-60Hz)
- Front panel LED indications of fault and alarm status.
- Open-contact relays for fault/alarm signalling via rear panel 9-way D-type connector
- Modules available for Protection Switching, Signal Monitoring and Splitting
- All modules available as G.703 rates, ASI or SPI (LVDS)

Video Gateway for Broadcast (TCP/IP Network interface for BROADCAST of one ASI/TS Stream)

The TCP/IP Video Gateway for Broadcast



Inputs/Outputs:

- 1 10/100Base-TX Ethernet port
- 1 1000 Base-SX Ethernet interface
- 1 DVB-ASI Input SMPTE 259M compliant video
- 1 DVB-ASI Output SMPTE 259M compliant video
- 1 RS-232 (DB-9 port) serial interface with DTE/DCE switch

Standards Compliance

- Network Interface Protocol: IEEE 802.3 and IEEE 802.3z
- SD & HD MPEG2 4:2:0, 4:2:2, SPTS & MPTS
- DVB and ATSC Standards
- Multicast send and receive using IGMP Version 2 protocol

LCD Front Panel Display

Remote Management

- 1 RU, rack mountable
- H x W x D 4.4cm x 44cm x 44,4cm
- Weight: 2,5 kg