

“In today’s fast-paced, market, Digital television is a new way to broadcast the future. Digital Set Top Boxes have become a key component allowing people to access many services offered by the cable operator”

Multiplexer/Scrambler

Multiplexer + Scrambler AD-8000

.AD-8000 Multiplexer + Scrambler

AD-8000 Scrambler receives one SPTS or MPTS input signal and can multiplex up to two transport streams (TS). Unused packets can be filtered for further processing. The PID can be changed by the operator and configure the settings such as the service code for further processing. Extract and process any of the Program Specific Information (PSI) and Service Information (SI). The AD-8000 Scrambler can encrypt each program and identify the program clock reference (PCR) with System Time Clock (STC). The AD-8000 can be configured. The Re-multiplexer support from 2 to 8 channels of MPEG-2 TS encoding signal. The outputs can support a mix signal channel with multi-program TS. The input and output interface adopt standard ASI for DVB. The Re-multiplexer can be used in HFC net, MMDS or 8GHz microwave system, and even connected with SDH.

Features

- ASI and SPI interface available, scrambling SPTS or MPTS.
- Input valid bit rate for ASI channel:216Mbps(max).
- RJ45 Ethernet interface support remote real- time control and supervision.
- High accuracy PCR correction.
- Stuffing null packet automatically, output bit rate invariableness.
- NIT and TDT information can be edited and inserted.
- 188 and 204 packet automatic identification.
- Multiple output bit rate are available (188 and 204 packet).
- E3/DS3 and SPI interface is optional.
- Failure alarming.
- LCD display to carry out system status supervision and system parameters set
- Power off memory.
- Scrambler two ASI Input/ One output
- One IP Input / One IP out

WE IDENTIFY THE BEST TECHNOLOGIES TO FIT YOUR GOALS AND BUDGET. WE THEN ENSURE THOSE TECHNOLOGIES CONTINUE TO WORK WELL INTO THE FUTURE.

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Technical specification

ASI input interface

Input interface: Two ASI DVB standard
Connector: BNC
Impedance: 75Ω
TS standard: ISO13818-1
Valid bit rate: 216Mbps (maximum)
TS Packet format: 188/204 bytes (automatic)
TS output mode: equality/burst/un-equality

ASI output interface

Standard: DVB standard
Connector Type: BNC
Impedance: 75Ω
TS standard: ISO13818-1
TS Packet format: 188/204 bytes (optional)
TS output mode: equality

Network interface

Ethernet Interface: IEEE802.3 Ethernet, RJ45 interface

Physical characteristics

Dimension: 44.5mm (1U)*483mm*(19")*400mm
Weight: 4kg

Power supply

AC100-220V+10 - 50/60Hz -20W

Working Temperature

Operation: 0 – 40C°
Storage: -20 - 80 C°

