

*“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”*

## Enhanced Scramblers

### Scrambler AD-2620

#### .AD-2620 Scrambler

AD2620 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 AD2620 Scramble can encrypt each program and identify the program clock reference (PCR) with System Time Clock (STC). The AD2620 can be configured.

#### 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

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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### Scrambler AD-2620

## 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°

