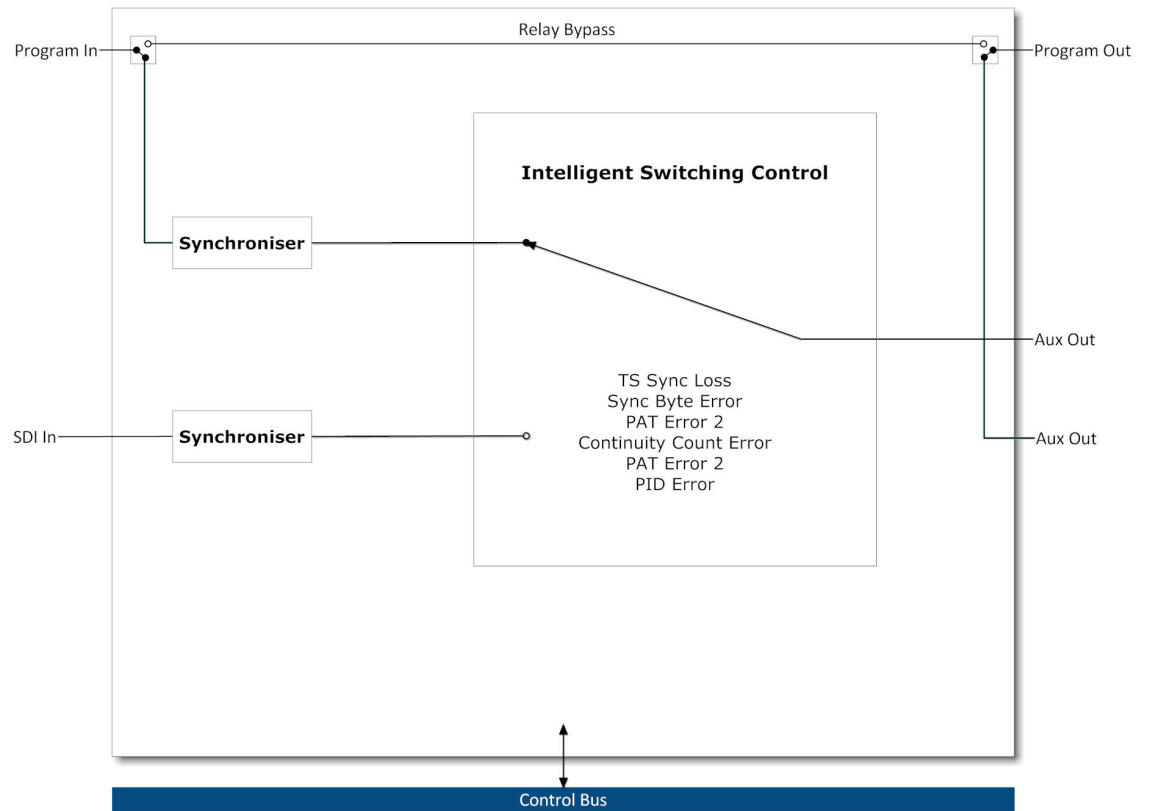


# MicroVideo

## ASI 201s

### Near-seamless 2x1 DVB/ASI protection switch



## Features

By providing automatic smart switching of the main signal to a backup signal, the ASI 201s offers fail-safe protection for critical ASI signal paths for broadcast or satellite applications.

Constant monitoring of both primary and back up feeds means should a fault be detected in the primary input, the secondary feed will be automatically switched to the module's output. The ASI 201s provides near-seamless switching of ASI signals by preserving the output stream's TS packet structure during a switch, hence identical input streams would give a perfectly seamless switch.

The switch can operate in two modes; automatic or non-resetting. In full automatic mode, the ASI 201s will switch back to the primary signal once it has been restored. In the non-resetting mode, the secondary input remains routed to the output, even after the primary input has recovered. The ASI 201s can also be configured for non-seamless switching if required.

GPI inputs allow faults detected in upstream equipment to contribute to the switching logic. Controls are easily accessed through a Control Panel, GPIs, front edge module controls or TCP/IP.

Near-seamless changeover on loss of video

User definable error threshold

Detects TR101 290 errors

User assignable priorities of errors

SNMP management

Relay bypass protection

2 in 3 out

Hot Swappable

Manual switching from external trigger

User selectable latch or automatic return

Input presence detection with LED indicators

## Specification

### Input

ASI	270Mb/s
Number of Inputs	2
Min AS TSI Bitrate	100Kb/s
Max AS TSI Bitrate	213Mb/s

### Output

ASI	DVB TR 101 891 - 270Mb/s
Number of Outputs	3
Min AS TSI Bitrate	100Kb/s
Max AS TSI Bitrate	213Mb/s

### Miscellaneous

Weight Approx	250g
Operating Temp	0 °C to +50 °C
Dimensions	16 x 100 x 237 mm (HxWxD)
Electrical	Voltage +5Vdc

## Options

### Frames/Cases

HD1U-10	Rack mounting 1U frame with single PSU. Allows use of upto 6 Series 200 and 300 cards
HD1U-20	Rack mounting 1U frame with dual PSU. Allows use of upto 6 Series 200 and 300 card
SA-1-DG	Desktop Box to house single series 300 card (including TCPIP, RS232/422, cables and PSU)

### Rear Modules

LAT-300	Latching relay, maintains signal path even on loss of power
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## Rear Connections

Primary In
Backup In
Not Used
Aux 2 Out
Aux 1 Out
Program Out



## TR101 290 Checks

TS Sync check  
Sync byte check  
PAT check  
Continuity counter check  
PMT check  
Missing PID check  
Presence  
Silence