

HDS2804-8SAT/IP-SPTS

8x DVB-S/S2, IP Input 4x CA Slots with 4DVB-T + IP Output



The TeleDelta HDS2804-8SAT/IP-SPTS is part of the larger HDS2800 series family of Broadcast and Commercial headend solutions from TeleDelta.

The Compact 1RU HDS2804-8SAT/IP-SPTS Transmodulator provides operators with 8x DVB-S/S2 Satellite Tuner Inputs and up to 128 IPTV program stream inputs, accompanied by 4x CAM slots, providing support for 4x decryption CAM cards. Individual programs can be routed to specified CAM cards as required. Internal program management and MUX-ing allows operators to output decrypted program content over both COFDM DVB-T (4x carriers) and SPTS / MPTS UDP Multicast

The HDS2804-8SAT-SPTS is fitted with 4x user configurable COFDM DVB-T Modulators - providing operators the ability to output multiple programs across both COFDM and as IP Transport Stream (MPTS UDP IP Streams)

Users can remotely manage and monitor the HDS2802 system via the on-board WEB GUI or from the front panel LCD / keypad controls.

Common Applications

- Satellite Content Distribution
- Television Rebroadcast
- IP / IPTV Network Head-ends
- Remote Broadcast Distribution
- Streaming IP services
- In-venue IPTV Networks
- Hotels and Accommodation
- Mining / resource camps

HDS2804-8SAT/IP-SPTS

- 8 x DVB-S/S2 Tuner Inputs
- 128 IP Program stream Inputs (UDP Multicast)
- Internal program MUX-ing / selection
- 4x CAM slots / program decryption
- 4x COFDM DVB-T Carrier outputs
- IPTV - SPTS and MPTS IP Output
- Local (lockable) Front Panel Monitoring
- Remote IP Management
- Optional SNMP System Management

For more information please contact your local distributor or sales@teledelta.com



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Inputs

- DVB-S/S2 Tuner
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- DVB-S/S2 Tuner
- DVB-S/S2 Tuner
- DVB-S/S2 Tuner
- DVB-S/S2 Tuner
- DVB-S/S2 Tuner
- DVB-S/S2 Tuner
- 128 UDP IP In



Outputs

- 1x COFDM DVB-T Out
- 1x COFDM DVB-T Out
- 1x COFDM DVB-T Out
- 1x COFDM DVB-T Out
- 1x RF Monitor
- 4x MPTS UDP Multicast

- 4x CAM/Card Modules
- Internal Program Decryption
- Program Selection
- IP/ASI Output Selection
- Remote / Local IP Management

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DVB-S/S2 Input	
Tuners	8x DVB-S/S2 Inputs (4x F-Type Connectors)
Tuner Frequency Range	950 ~ 2150Mhz
Symbol Rate	QPSK/8PSK 1~45Mbauds
Code	1/2, 2/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
Constellation	QPSK, 8PSK

CAM Module	
Numbers	4x CAM Modules
Power	Self Powered - 13/18V
Decryption	Selectable Per Program Stream
Internal MUX-ing	Program Selection and Decryption
PID / Table Information	Pass-through or User editable
Remapping	Up to 256 per channel

IP / IPTV Network	
Connection	1x RJ45 (Data)
Output Format	32x SPTS / 4x MPTS UDP over IP (LAN)
Channels	Support for up to 128 Program Stream Inputs (MPTS)

COFDM DVB-T Output	
Connection	4x F-Type (Female) Connectors - 4x Carriers
DVB-T Standard (Bandwidth)	6M, 7M, 8M
Constellation	QPSK, 16QAM, 64QAM
FFT Mode	2K
Guard	1/4, 1/8, 1/16, 1/32
FEC	1/2, 2/3, 3/4, 5/6, 7/8
MER	>42dB
RF Output Frequency	80~ 900Mhz
RF Output Level	77~97 dBuV

IP Output	
Connection	1x RJ45 (Data)
Format	4x MPTS over UDP / RTP)

Management	
Remote	1x RJ45 (Management)
Remote Security	Password / Username
Dimensions	1RU 480x310x45mm
Weight	3kgs

Ordering	
Model Number	
HDS2804-8SAT/IP-SPTS	1RU Transcoder with 8x DVB-S/S2 Satellite Input, 4x Conditional Access (CAM) module slots, 4x COFDM DVB-T Outputs with SPTS IP stream output for IPTV networks, Remote IP Management.
HDS2804-8SAT/IP	As above with MPTS IP output (superseded by above)

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