

HDS2804-8SAT/IP

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



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

The Compact 1RU HDS2804-8SAT/IP Transmodulator provides operators with 8x DVB-S/S2 Satellite Tuner Inputs and up to 128 UDP IP 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 and MPTS UDP Multicast

The HDS2804-8SAT 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

- 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
- 4x MPTS IP Outputs
- 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
- 128 UDP IP In



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

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

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

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
Local	Front Panel LCD/Keypad
Local Security	Front panel lock-out
Dimensions	1RU 480x310x45mm
Weight	3kgs

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