

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
- 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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