

TeleDelta HDS2900 Series

Multi-Purpose Signal Distribution Platform



The TeleDelta HDS2900 Series is a powerful yet versatile 1RU rack-mount signal distribution platform in the TeleDelta range designed primarily for Broadcast, Enterprise and Network Signal distribution.

The HDS2900 series is configurable per model with all models incorporating ASI / IP data-ports and Local + Remote IP Web and SNMP Management*.

Within the HDS2900 series, users can select a range of input / output options including Tuners - DVB-S/S2, DVB-T/T2 and DVB-C, Conditional Access Modules (BISS support), HD/SD MPEG-2/H.264 Encoding via SDI, HDMI or Analog of HD Programs streams (via SDI / HDMI), HD/SD Transcoding, FM Radio Signals and also IP/RF Gateways.

Common Deployment Applications

- Broadcast Head-Ends
- IP / IPTV Content Network Distribution
- Satellite / Terrestrial Signal Delivery
- Remote Broadcast Distribution
- FM Radio Capture / Monitoring
- HD Encoding Platforms
- Format / Bit-rate Transcoding
- Head-end signal decryption
- Streaming IP services

HDS2900 Series Key Features

- Configurable System Functions
- Rack-mount 1RU Design
- Local / Remote IP Web / SNMP Management
- DVB-S/S2/T/T2/C Tuner Options
- SDI/HDMI/Analog Encoding
- Multi-tuner Conditional Access (BISS)
- Format / Bit-rate Active Transcoding
- RF to IP / IP to RF Gateways
- FM Radio Monitoring / Streaming
- FM Audio Encoding
- H.264/MPEG-2 Format Conversion
- IP/IPTV Gateways and Head-ends

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



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HDS2900 Visual Functional Guide

HDS2900 Inputs Options

- DVB-S/S2 Tuners (Single/
Multiple)
- DVB-T/T2 Tuners (Single/
Multiple)
- DVB-C Tuners (Single/
Multiple)
- HD/SD-HDMI + 3G/HD/SD
-SDI Inputs
- ASI / IP Transport Stream
Inputs
- 8x FM Radio Tuner Input



HDS2900 Output Options

- IP - UDP/RTP, SPTS and
MPTS Formats
- ASI - Single / Multiple or
Mirrored Outputs
- DVB-T COFDM Carriers

- IP and SNMP Management
- Content Decryption / CA (BISS)
- H.264/MPEG-2 HD/SD Video Encoding
- Transcoding - Bitrate / Format
- FM Audio Channel Encoding
- IP to RF / RF to IP Gateways
- IP and ASI Multiplexing
- Program (PID configuration)
- Transport Stream Management

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Please refer to individual Datasheets for specific model details

Ordering Options

Part No.	Ordering Suffix	Description
Frames:		
HDS2900	HDS2900-	1RU Rack-mount chassis, Local + Remote IP Management
Modules:		
1	1R	4x HDMI Inputs, H.264/MPEG-2 Encoding - SPTS/MPTS/ASI Output -
2	2R	4x HD/SD-SDI Inputs, H.264/MPEG-2 Encoding - SPTS/MPTS/ASI Output
3	3R	6x DVB-T/T2 Input, ASI Multiplex, MPTS/ASI Output
4	4R	8x DVB-T/T2 Inputs, 32x SPTS/MPTS/ ASI Outputs
4R1	4R1	256x IP Program Stream Inputs - 4x COFDM DVB-T Outputs
4R2	4R2	256x IP Program Stream Inputs - 8x COFDM DVB-T Outputs
4R3	4R3	256x IP Program Stream Inputs - 12x COFDM DVB-T Outputs
5	5	8x DVB-S/S2 Input, 32x SPTS/MPTS/ ASI Outputs
6	6	Program Stream Transcoder - MPEG2/4 HD/SD, - 8SPTS /ASI In and Out
7	7	4x DVB-S/S2 Tuner + 4CA Modules - 48x SPTS/MPTS/ASI Output
8	8	8x FM Radio Inputs - 8x Audio SPTS IP/ASI Outputs

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