

## HD2900 SERIES

# Multi-Format Distribution Platform

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The TeleDelta HDS2900 Series platform is a space conscious 1RU modular platform, for DVB-T/T2/S/S2/C, DVB-T, HDMI and SDI IP and Broadcast head-end distribution.

The fixed input HDS2900 Series allows users to ingest multiple DVB signal formats, or SDI/HDMI Formats, provides internal signal manipulation and outputs in IP and ASI formats. For Broadcast and IP distribution.

### HDS3600 Series Key Features

- Ingest DVB-T/T2/ S/S2 and DVB-C signal formats
- Configurable for SDI / HDMI Encoding / Decoding Formats
- Internal Signal Manipulation (Tables, NIT, SIT etc.)
- IP and ASI outputs
- Front Panel and SNMP management
- Compact 1RU chassis design

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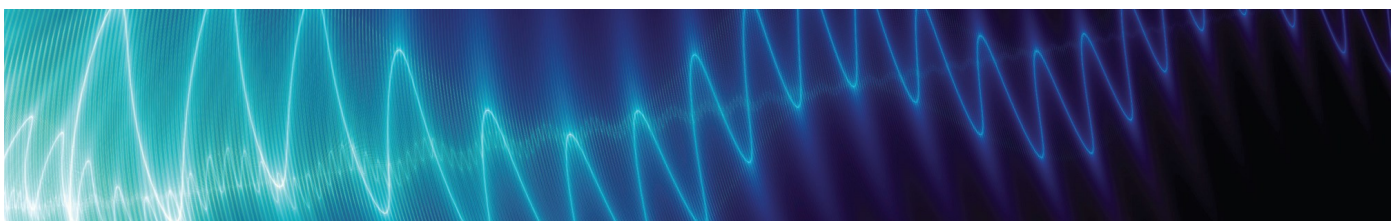
### Common Applications

- IPTV / DVB-T Networks
- Broadcast Facility Play-out
- Live / Streaming Platforms
- Mining Camps
- Enterprise Deployments
- Retirement Villages
- Remote area communities
- Digital TV Black-spots

### Control and Management

The TeleDelta HDS2900 SNMP and IP network management offers automated control and monitoring functionality. Based on the TeleDelta integration agent users can manage and configure all parameters of each individual input and each setting independently or as a full system, Supporting SNMP, the TeleDelta HDS2900 series can be customised for different system applications.

For more information please contact your local distributor or [sales@teledelta.com](mailto:sales@teledelta.com)

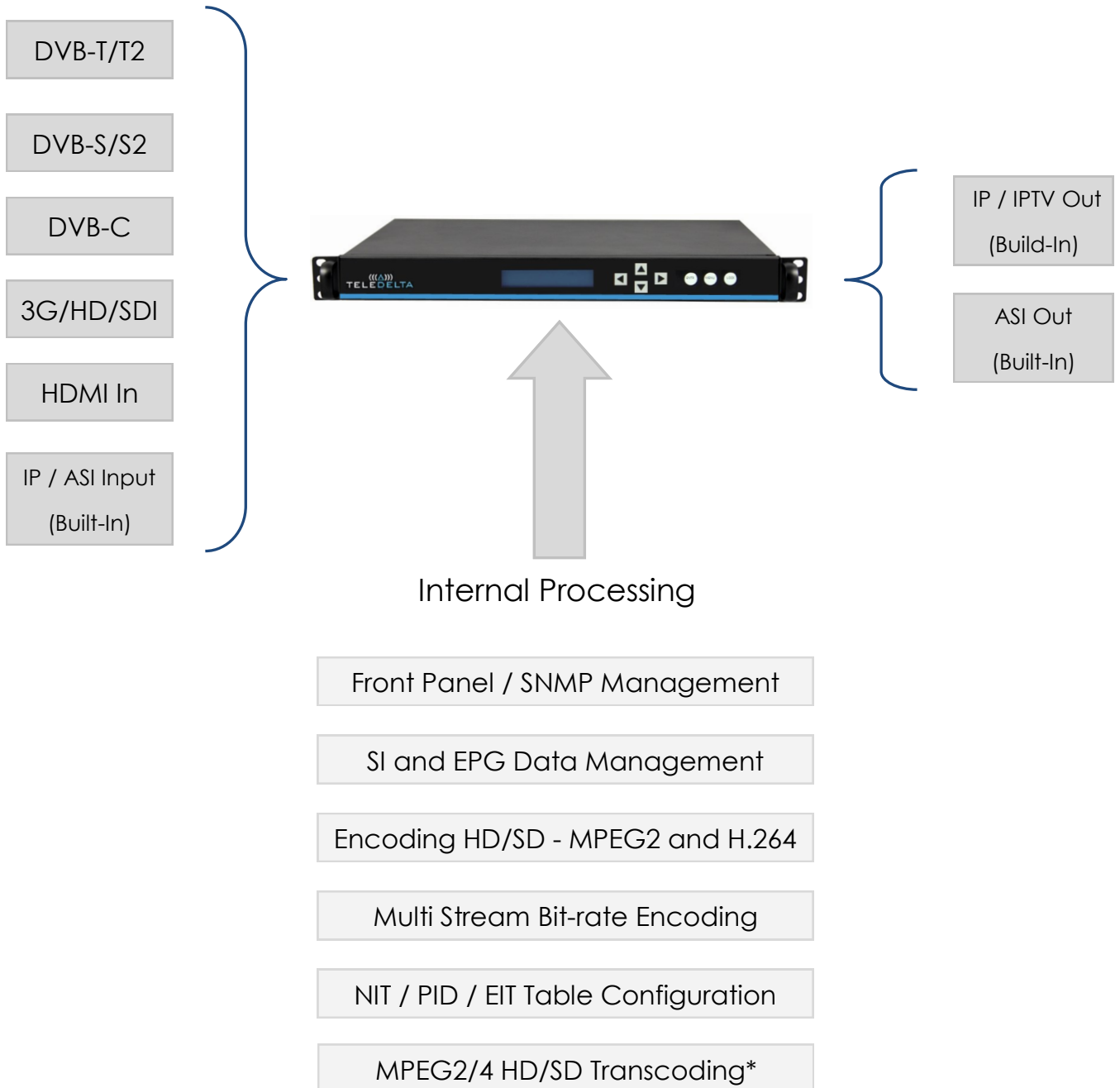


# HDS2900 SERIES

## Configuration Diagram

Inputs (Model  
Dependant)

Outputs



### Ordering Options

Part No.	Ordering Suffix	Description
Frames:		
HDS2900		HDS2900 1RU Frame, ASI in/out + IP Streaming + Management
Models		
HDS2900-1R	1	HDS2900 Chassis with 4x HDMI Inputs (MPEG2 /H.264 Encoding)
HDS2900-2R	2	HDS2900 Chassis with 4x 3G/HD/SD-SDI Inputs (MPEG2 / H.264 Encoding)
HDS2900-3R	3	HDS2900 Chassis with 6x DVB-T/T2 Tuner Inputs - IP (MPTS) ASI Out
HDS2900-4R	4	HDS2900 Chassis with 8x DVB-T/T2 Tuner Inputs - 32x SPTS IP Out
HDS2900-4R1	4R1	HDS2900 Chassis 256 UPD IP In - Up to 12x COFDM DVB-T outputs*
HDS2900-5R	5	HDS2900 Chassis with 8xS/S2 Tuner Inputs—32x SPTS IP Outputs
HDS2900-6R	6	HDS2900 Chassis MPEG2/4 HD/SD Transcoding - ASI / IP In and Out

### Ordering Examples

HDS2900-1R	HDS2900 Chassis with 4x HDMI Inputs (MPEG2 /H.264 Encoding)
HDS3600-3R	HDS2900 Chassis with 6x DVB-T/T2 Tuner Inputs

**HDS2900 Chassis configuration** - Individual module configurations, refer to [www.teledelta.com](http://www.teledelta.com)

#### Management

Remote	SNMP/ Web NMS—1x RJ45
Local	Front Panel LCD/ Buttons
Internal	Stream Management PSI/SI (PAT, PMT) PCR Adjustment

#### IP (Data) Interface

Output	1x RJ45
Format	Multicast / Unicast* MPTS or
Rack Space	1RU
Dimensions (WxHxD)	480x44x440mm
Operating Temperature	0-50degrees

#### ASI Interface

Input	1/2 x DVB-ASI Carriers
Output	2x DVB-ASI Carrier - 2x BNC outputs per carrier (4x BNC total)

#### Physical and Environment

Power	220-260V
Consumption	Approx. 50w
Rack Space	1RU
Dimensions (WxHxD)	480x44x440mm
Operating Temperature	0-50degrees

### HDS2900-3R back-panel below



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| <ul style="list-style-type: none"> <li>1. 6x DVB Inputs (HDS2900-3/4/5R)<br/>+ Loop Outputs</li> <li>2. ASI Input (x2)</li> <li>3. ASI Output (Carrier 1)</li> <li>4. ASI Output (Carrier 2)</li> </ul> | <ul style="list-style-type: none"> <li>5. SNMP Management</li> <li>6. IP Data-Output</li> <li>7. Power Supply</li> </ul> |
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