

HD2900-CCR

4x AES/EBU Audio Input, Encoding, IP / ASI Output



The TeleDelta HDS2900-CCR is a compact 1RU professional rack-mount multi-input (4x stereo channels) audio encoder with IP and ASI transport stream output, designed for AES/EBU digital audio ingest into IPTV and Broadcast Networks.

The HDS2900-CCR has 4x AES / EBU Inputs (via XLR) and internal MPEG1-L2 audio encoding. Operators can set encoding rate / sampling and encoding parameters per channel.

User defined PID and Program Information can be added per stream. Selectable IP (SPTS or MPTS) can be assigned per output stream, along with ASI Transport stream configuration.

HDS2900-CCR Key Features

- Ingest Up to 4x AES/EBU Stereo Audio Sources
- MPEG1 L2 Audio Encoding
- User defined PID / Program Information
- UDP STPS or MPTS IP Outputs
- ASI Transport Stream Output
- Local and Remote IP Management
- Front Panel LCD and Control

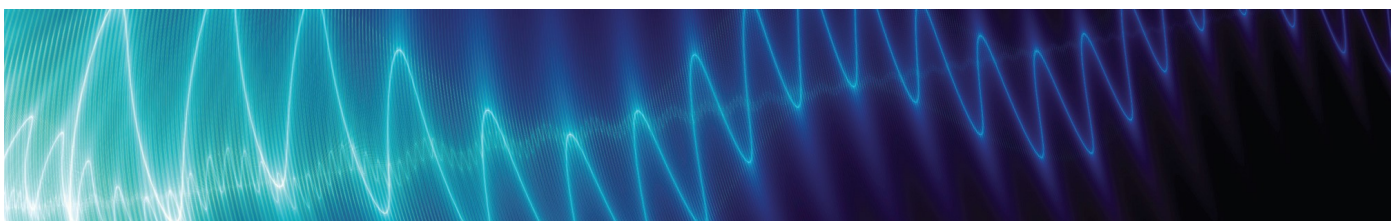
Common Applications

- IPTV Head-end Ingest
- Broadcast / Radio Distribution
- Internet Audio Streaming
- Radio Rebroadcast Applications
- Remote local FM monitoring
- Hotels / Hospitality
- Mining Camps
- Campus / Universities

Control and Management

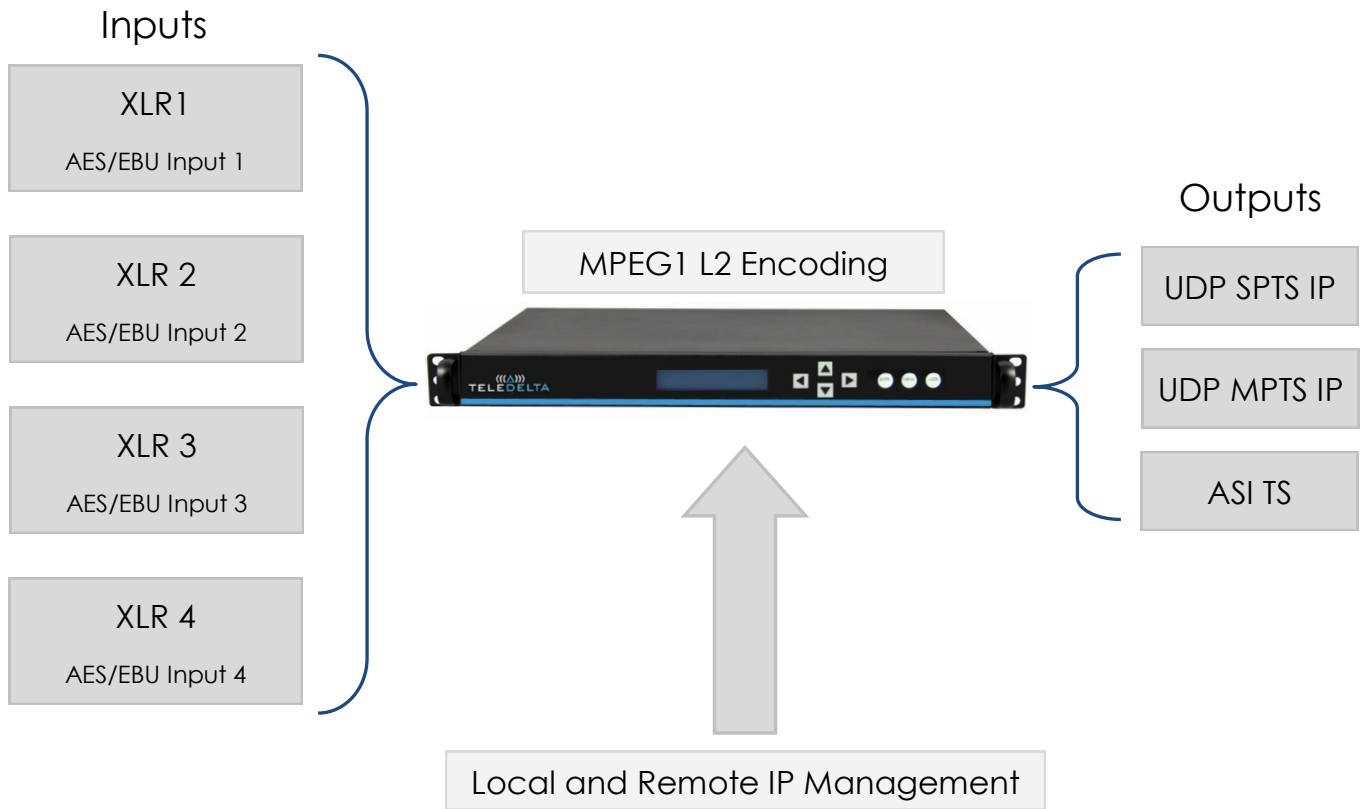
The TeleDelta HDS2900 IP network management offers automated control and monitoring functionality. Based on the TeleDelta integration agent users can manage and configure all parameters of each individual input and each setting independently or as a full system, the TeleDelta HDS2900 series can be customised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

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



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Hardware Configuration

Input	
Physical	4x XLR Connections
Audio	4x AES / EBU stereo sources

Audio Encoding	
Encoding Format	MPEG1 Layer 2
Sample Rate	32KHz, 44.1 KHz, 48KHz
Encoding Bitrate	64Kbps, 128Kbps, 256Kbps, 384Kbps
Program Configuration	PID, Program Name and Program Number Assignment

Output (IP and ASI)	
IP Output (SPTS)	4x SPTS streams over UDP
IP Output (MPTS)	1x MPTS over UDP
ASI Output	2x ASI Outputs (BNC)

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Hardware Configuration (cont.)

Management	
Local (front panel)	Front Panel LCD and Button
IP Management	Web GUI
Dimensions	1RU Rack mount 480 x 453 x 45mm
Power	110~240V 50/60Hz
Consumption	30W

Ordering	
HDS2900-CCR	HDS2900 Chassis—1RU, 4x AES/EBU Audio Inputs, MPEG1L2 Encoding - IP / ASI Output

