

HD2900-8R

8x FM Radio Input, IP Audio / ASI Output



The TeleDelta HDS2900-8R is a compact 1RU professional rack-mount receiver and IP Audio Encoder designed for FM Radio Monitoring, Re-broadcast or IPTV Head-end distribution applications.

The HDS2900-8R has 8x on-board FM tuners, (4x Antenna points) allowing up to 8x FM program streams to be captured. Internally the HDS2900-8R digitizes the FM programs and encodes the FM services as an MPEG Audio program Stream.

Selectable IP Streaming (UDP) SPTS or MPTS allows for maximum deployment flexibility.

HDS2900-8R Key Features

- Ingest Up to 8x FM Radio Frequencies
- Digital Encoding to MPEG Format
- Selectable Bit-rate encoding
- UDP STPS or MPTS IP Outputs
- ASI Transport Stream Output
- Local and Remote IP Management
- Front Panel LCD and Control
- Audio Gain Control / Adjustment

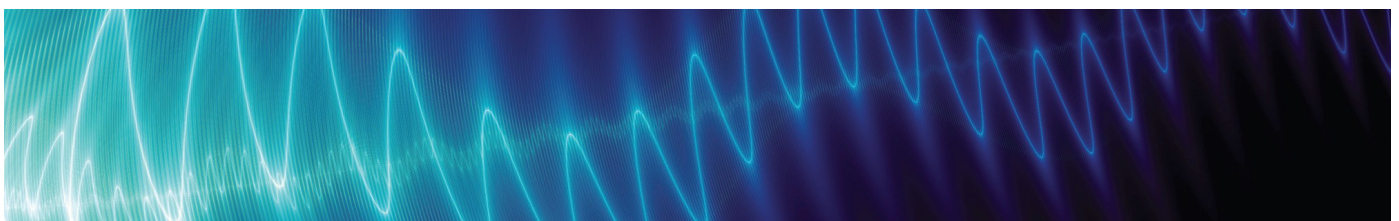
Common Applications

- Radio Monitoring Applications
- IPTV Head-end Ingest
- Radio Rebroadcast Applications
- Remote local FM monitoring
- Mining Camps
- Campus / Universities
- Hotels and Blackspots

Control and Management

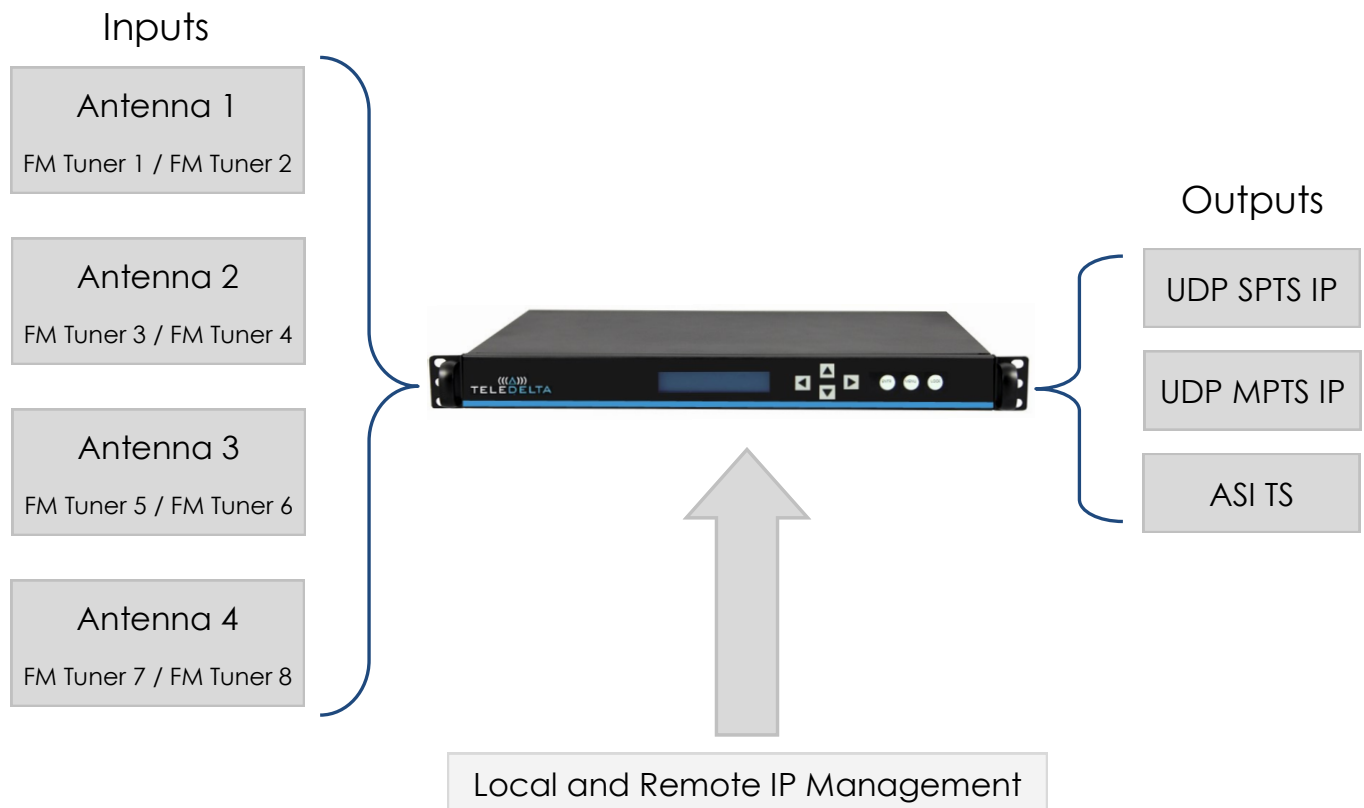
The TeleDelta HDS2900 IP network management offers automated control and monitoring functionality. Based on the TeleDelta integration agent users can manage and configure all parameters of each individual input and each setting independently or as a full system, the TeleDelta HDS2900 series can be customised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

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



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Hardware Configuration

Input (FM)	
Physical	4x FM (75 ohm) Antenna Connections
Tuners	8x FM Tuners (2 per antenna input)
Selectable Frequency	88~ 108Mhz
ASI Input	BNC (75ohm)

Audio Encoding	
Encoding Format	MPEG1 Layer 2
Audio Gain	-20 ~ +6dB
Sample Rate	48KHz
Bitrate	32/48/56/64/80/96/112/128/160/192/224/256/320/384Kbs

Output (IP and ASI)	
IP Output (SPTS)	8x 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 40mm
Power	110~240V 50/60Hz
Consumption	30W

Ordering	
HDS2900-8R	HDS2900 Chassis—1RU, 8x FM Tuner Input, MPEG1L2 Encoding - IP / ASI Output

