

Radio2IP Series

FM/AM Radio Distribution for IPTV Networks



The TeleDelta Radio2IP is a dedicated Radio to IPTV transcoder, designed for IPTV and streaming networks for dedicated distribute of FM and AM radio services to end-users and devices with an IP network

The scalable Radio2IP system is configurable in its build, allowing between 6 - 32 FM radio services and up to 32x AM radio services to be distributed in an IP network as unicast or multicast delivery formats

The Radio2IP series also has an optional function to record and store the radio services as required, for proof-of-play and archival purposes.

Radio services are digitised and encoded for IP based distribution, allowing end-users to simply listen to their selected radio service on a wide range of downstream players, PCs and receiver solutions.

Common Applications

- Hospitals and Patient Entertainment
- Internet Radio Rebroadcast
- Streaming IP services
- In-venue IPTV Networks
- Hotels and Accommodation
- Mining / resource camps

Radio2IP Key Points

- Dedicated Transcoder Server
- Up to 32FM and 32AM services streamed
- Digital encoding for IP delivery
- Selectable output bitrate 96~256Kbps
- Multicast/Unicast UDP/RTP/RTPS outputs
- Up to 300 simultaneous RTP/RTPS sessions
- Dedicated web-interface for Management
- Optional recording and storage of streams

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



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FM Radio Tuner (Inputs)

Inputs	1x RF Inputs, 75ohm
Tuner Frequency Range	87.5MHz to 108.50MHz (25kHz steps)
Maximum Input	150mV RMS
De-emphasis	Configurable as 50us or 75us
Audio Sampling Rate	From 48kHz
No. of Stations	6 (Standard), Optional 12,18, 24, 32

AM Radio Tuner (Inputs)

Inputs	1x RF Inputs, 50ohm
Tuner Frequency Range	500kHz to 1710kHz in 1kHz steps
Sensitivity	50uV for 40dB S/N
Filter Attenuation	82dB at 1.5kHz
Audio Sampling Rate	From 22.05kHz
No. of Stations	6 (standard), Optional 12,18, 24, 32

Audio / IP Encoding

Audio Encoding	MPEG-2 Layer I, PCM (raw) (standard), Optional MP3, MP4
Bit-rate	96-384Kbps
Output Formats	Unicast / Multicast UDP, RTP/S

System and Control

Management / Configuration	Web-based Interface
IP Management	Dedicated Management IP LAN
Data Management	Separate Data IP LAN
Physical	2RU Rack-mount (Up to 4RU depending on configuration)
Operating Temperature	0~45 degrees ambient

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