

IPT-1005

IP Datastream Protocol Transcoder



IPTV, Broadcast and Streaming Media Content Delivery

The TeleDelta IPT-1005 is a dedicated solution for IPTV, Broadcasters and Streaming Media Providers who require real-time conversion and datastream management for their linear content delivery for in-venue and for external content streaming.

The IPT-1005 is an ideal bridge for intercepting and adjusting datastreams protocols and formats for re-delivery within content delivery networks.

The scalable TeleDelta IPT-1005 software allows operators to manipulate up to 128 linear content streams per hardware platform* and adjust key stream parameters on individual streams or group rulings.

The IPT-1005 supports realtime input to output protocol translation of datastreams, allowing users to actively change linear stream protocols as required, Supported formats include UDP, RTP/ RTCP and RTSP along with IGMP Multicast and TCP/IP Unicast standards.

The IPT-1005 also provides stream address translation allowing users to direct Input and output datastreams between different IP network addresses.

Hardware Specification

The TeleDelta IPT-1005 system operates on the HDS1020 multi-NIC 1,2 or 3RU rack-mount server (depending on number of required streams).

The Dedicated HDS1020 servers provide separate management and data network control, along with the latest intel chipsets designed for 24/7 operations.

IPT-1005 Key Points

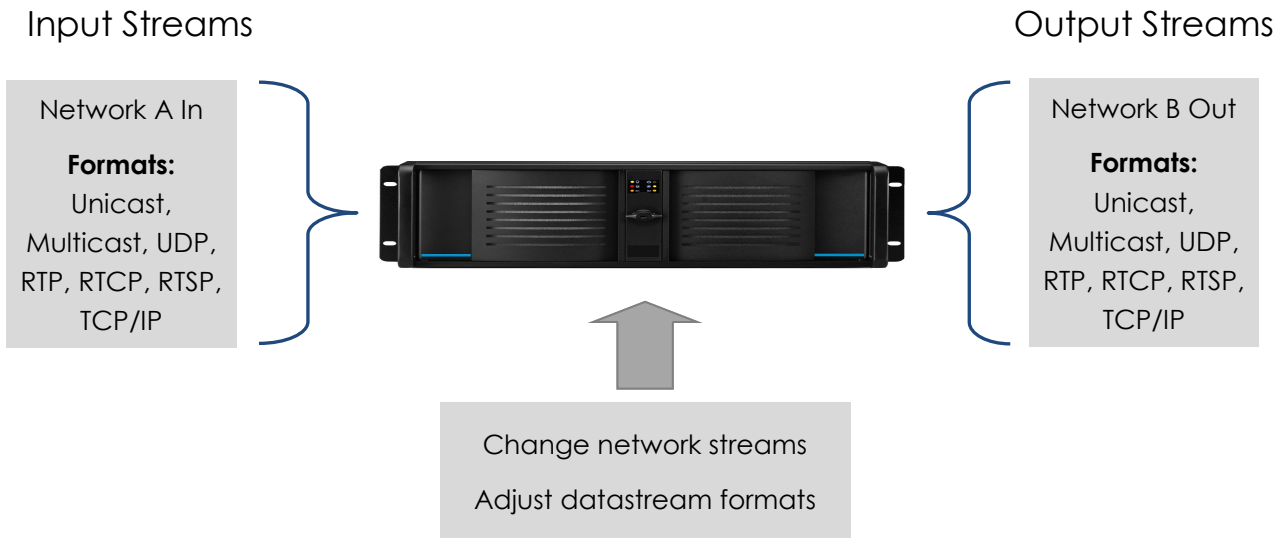
- Any-format in to Any-format output
- Converts Unicast to Multicast Streams
- Inputs and outputs can be MPEG2 or H.264
- Supports up to 128 Linear streams Input
- Network Stream Translation
- Supports multiple input and output formats including UDP, RTP, RTCP and RTPS, IGMP Multicast and TCP/IP Unicast.
- Web-based Stream Management & Control
- Dedicated 1, 2 or 3RU rack-mount server
- Multi-NIC network platforms.

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



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IP Datastream Inputs	
Inputs	1x RJ45 (1000Mbps)
Supported Formats	UDP (Unicast) TCP/IP (Unicast), IGMP (Multicast), RTP, RTCP, RTSP, (HLS - please contact)
Total Input Stream bit-rate	420Mbps
Total No. of Input Streams	128 Linear Streams
Datastream Network	1x common datastream input network address

IP Datastream Processing	
Formats	Any-format In to Any-format Out translation
Datastream Network	IP Address / Port no. re-assigned

IP Datastream Output	
Output	1x RJ45 (1000Mbps)
Supported Formats	UDP (Unicast) TCP/IP (Unicast), IGMP (Multicast), RTP, RTCP, RTSP, (HLS - please contact)
Datastream Network	1x common datastream output network address

System and Control	
Management / Configuration Primary	HTML (REST) - Web based GUI
Management Secondary	XML
Connection	RJ45 (Dedicated Management LAN)
Physical (HDS1020-2R)	2RU Rack-mount Server
Operating Platform	Linux
CPU	Intel Xeon (or equivalent)

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