

TeleDelta TZD

Time Zone Delay - IP Delay and Forward Processor



Complete IP Transport Cache / Delay Solution

The TeleDelta TZD-1005 is designed for multi time-zone delay buffering and playout of Radio, Television and streaming media content.

The TZD-1005 IP Packet Store and Forward Processor is a powerful, low power consumption, dedicated appliance for 24/7 operation in IP transport stream store and forward applications.

Designed for time zone buffering of 1+ live IP streams, the unit acts as a time accurate, transparent, packet store and replay. Depending on configuration the unit can run delay FIFO loop or a triggered cache and playout operation.

Its modular design enables integrators and operators to select functional modules to customise programs, installations, operations and on-going services.

Designed for the edge processing in geographically distributed UDP networks the TZD-1005 acts as the interface from IP streamers, Codecs, WAN and Satellite networks.

Deployment Applications

- Multi- zone Radio Delivery
- Digital Television Distribution
- Streaming IP Networks
- Replay Content Monitoring
- Media Caching and Playout

Frame Options

- Web or centralised remote control,
- Content Distribution
- DRM and content protection
- Automatic Daylight saving
- Time zone pre-sets
- Remote Supervision and control

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





Features

- Store and replay of IP based data for redistribution over one or many time zones.
- Selectable storage time in 30 minutes intervals.
- Clock regeneration.
- NTP Time sync
- Multicast address and port configurable
- Hot-swappable WDT port relay bypass
- Supports centralized control via PC
- Low energy costs by allowing intelligent power management



Processor Architecture

The TZD-1005 utilises the latest Intel® Atom™ processor and Intel® 82801HBM I/O Controller Hub. The platform reserves space for one 3.5" SATA HDD and one CompactFlash slot for storing or upgrade OS and other applications such as local data storage. By leveraging PCI Express (PCIe) technology, the IPS-1005 takes full advantage of the ICH8M PCIe capability to maximize I/O throughput. For easy access, the front panel also has an RJ-45 console port and LCD Module for local system management, maintenance, and diagnostics. It is FCC, CE, UL, CCC and RoHS compliant.

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