Complete Signage and IPTV System Management Solution

The TeleDelta HDS1020 Conductor is a powerful, yet low power consumption, rack-mount IPTV Controller, Control Interface and Digital Signage Controller for 24/7 operation and management of IPTV, Signage, Kiosk and Touch Panels.

Its modular design enables integrators and operators to select from various control modules to customise their installation, operation and on-going service.

The HDS1020 acts as an active web server hosting remote control user interfaces that can be customised for each site with graphical display layouts providing touch or click-thru access to individual or grouped display’s for control of Signage, source/channel selection, volume and TV display power on/off etc. This functionality can be accessed from Tablets, Laptops, PC’s or other web enabled devices for efficient, effective and user friendly control of a venues display systems.

Designed for the centralised control of various types of displays the control protocol translator function acts as the interface from popular control systems such as Crestron, AMX and others, to the commonly deployed STB’s in the hospitality, corporate, education and entertainment sectors.

For more information please visit www.teledelta.com or contact your local distributor.
HDS1020 Conductor
IPTV and Digital Signage Controller

Features

- Full Signage management and network wide scheduling
- Provides "logon" functions for STB initialisation
- Over the wire TCP/IP management of STB's, network wide
- Drivers available for Amino, AndroidTV, Exceed, AcidTV & Python IP devices
- Public/Private Key encryption security for secure networks
- Enable remote network management of Hospitality TV's
- Lowers energy costs by allowing intelligent power management

System Options

- iOS, PC or Android centralised remote control
- Content Distribution
- DRM and content protection
- Digital Signage
- Remote Supervision and control
- ASCII RS-232 control protocol conversion for Crestron, AMX and similar control systems

System Architecture

In the base form the HDS1020 adopts the latest Intel® Atom™ processor and Intel® 82801HBM I/O Controller Hub. The platform reserves space for one 3.5" SATA HDD and one Compact-Flash slot for storage or upgrading the OS and other applications such as Signage or VOD. By leveraging PCI Express (PCI-e) technology, the HDS-1020 takes full advantage of the ICH8M PCI-e 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.

Large scale, high volume VOD systems are implemented on enterprise grade redundant servers. Please consult your dealer for specific information.
The key component to the HDS1020 operation is the host software - Conductor.

Conductor is a stable software platform designed for the IPTV, Signage, Media Server and scheduling operations.

- Controls STB’s power
- Controls STB’s volume
- Channel selection
- Serves STB’s signage
- Provides VOD and manifest files for Web control
- Mobile
- PC web browser
- Secure and Stable
  Conductor runs natively on the HDS1020 platform and does not require updates or any other connectivity with third party servers making the system secure and suitable for 24/7 unattended operation.

Individual login supports different entitlements to operation for secure login in
**HDS1020 Conductor**

**IPTV and Digital Signage Controller**

Manages and serves Media assets for signage

Manages media channels lists

Displays device locations by graphical interfaces, (plans, site pictures, graphics)

Ingests Cloud or Master unit media

Allows grouping of displays by function or area

Displays device locations by logical
HDS1020 Conductor
IPTV and Digital Signage Controller

Scene macro allows recording of complex setups

Manages Scene events by Schedule

Create and manage playlists

Monitors devices