

FLEXSTAR

HDI-100 Data Importer

Harris proudly introduces the FLEXSTAR™ HDI-100 Data Importer, enabling Advanced Application Services including supplemental audio channels for HD Radio™. The HDI-100 is one of several new products in the Harris FLEXSTAR product line. The FLEXSTAR product line will provide cost effective, end-to-end solutions for radio's conversion to HD.

The HDI-100 Data Importer is responsible for accepting, managing and multiplexing all HD Radio Advanced Applications Services (AAS) including supplemental audio channels. Supplemental audio will be one of the first advanced services implemented in HD Radio receivers beginning in early 2005.

The HDI-100 is designed to offer a cost effective method of implementing supplemental audio with the flexibility, through software upgrades, to implement more advanced services as they develop. Public stations can now add supplemental channels to their HD signal using the HDI-100.

The HDI-100 will interface directly to the DEXSTAR FMHD exciter or may be connected to the FLEXSTAR HDE-100 program exporter at the studio site.

Primary functions of the HDI-100 include:

- Encoding and multiplexing Supplemental Audio and Supplemental Audio program associated data ready for transport to HDE-100 or DEXSTAR exciter
- Managing connections and content delivery from service providers
- Managing system bandwidth allocation, exciter configuration, and codec bit rates
- Monitoring and reporting capabilities for scheduling, traffic, and utilization reports

Future Advanced Applications Services supported by the HDI-100 include:

- Traffic information
- Breaking news
- Weather information and alerts
- Stock quotes
- Sports scores
- Amber alerts
- Public Service Announcements
- Display advertiser information
- Location specific advertising
- Resale of bandwidth to third parties

FLEXSTAR HDI-100 Data Importer Specifications

Features

- Enables single or multiple supplemental audio channels
- Includes Lynx ONE High Performance Audio Card
- Low-cost, rack-dense, single processor 1U general-purpose (GP) server
- Compatible with DEXSTAR and HDE-100 Program Exporter
- Software upgradeable for future data casting applications
- Easy-to-service tool-less chassis on 19" EIA slide rails

Hardware Specifications:

Server Type: PowerEdge 750, 2.8GHz 1MB Cache, P4, 800FSB

Operating Temperature: 10° C to 35° C

Operating Relative Humidity: 20% to 80% (non-condensing)

Operating Altitude: Up to 10,000 ft AMSL

Dimensions: 1.68" H x 16.7" W x 21.5" D

Weight: 27 lbs

Power Consumption: 280W

AC Input Voltage: 110/220 VAC Auto-ranging

Sound Card: LynxONE 24-Bit Audio with AES3 Audio Input

Processor: Single Intel® Pentium® 4 processor with Hyper-Threading technology Up to 3.4GHz, 800MHz front side bus

Memory: 256MB/4GB DDR400 SDRAM - with ECC support

Hard Disk Drive: 40GB 7.2K SATA

CD ROM Drive: CD-ROM, 650MB,24X, INTERNAL

Floppy Disk Drive: 1.44MB, 3.5 in

Operating System: Microsoft Windows 2000 Server

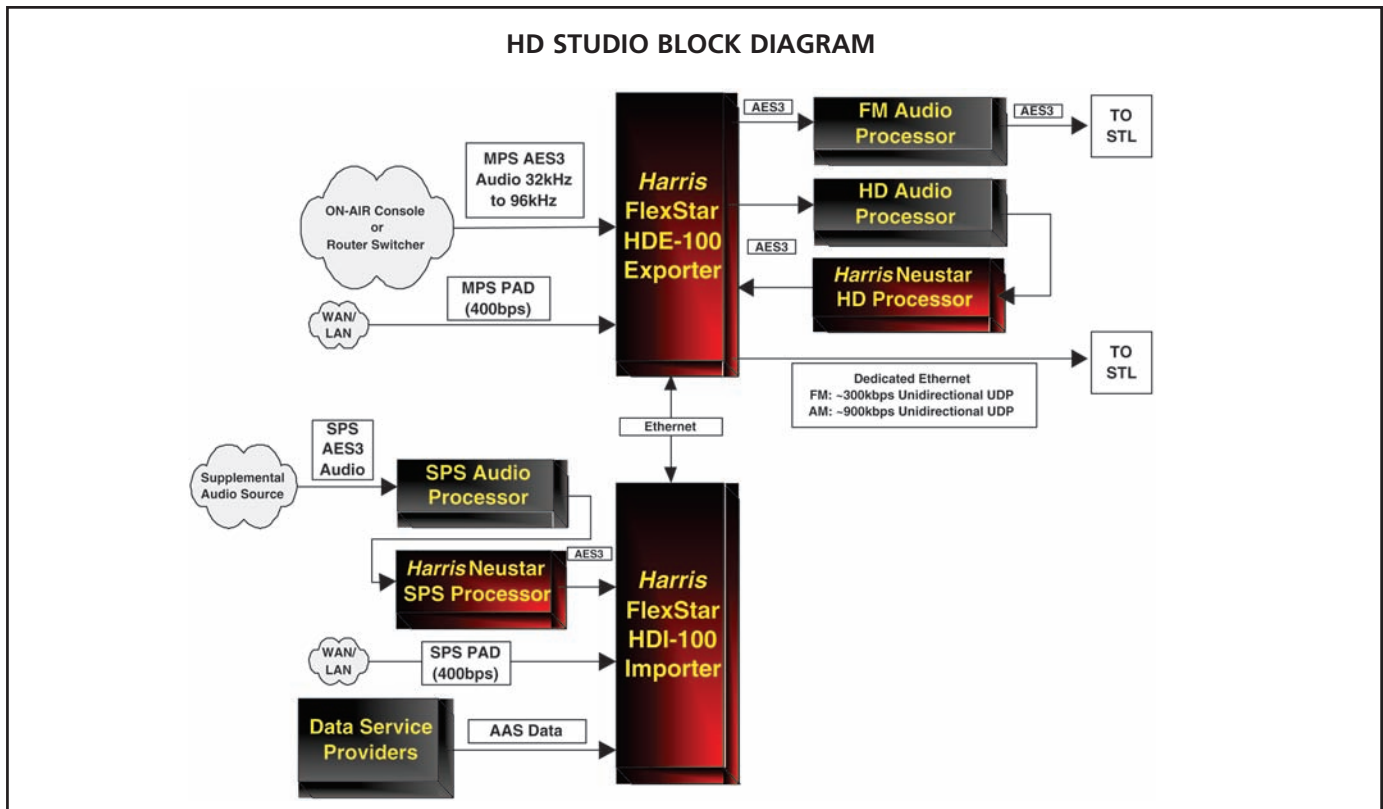
IO Ports: **Front:** 1 video, 1 Universal Serial Bus (USB 2.0), ID push button with blue/amber LED, power on/off button **Rear:** 1 9-pin serial, 2 Universal Serial Bus (USB 2.0), 1 15-pin VGA connector, 2 stacked RJ-45 ports, PS/2 mouse, PS/2 keyboard, ID push button with blue/amber LED

Ethernet: Dual Ethernet ports

Graphics: On-board video ATI Rage XL controller with 8MB memory

Slots: 2 total: 1 x 64-bit/66MHz 3.3v PCI-X slot, 1 x 32-bit/33MHz 5v PCI slot

Regulatory: FCC (US only) Class A, DOC (Canada) Class A, CE, VCCI, UL 60950, CAN/CSA-C22.2 No. 60950, IEC 60650



Specifications are subject to change. For a complete listing of the most current specifications, please visit our Website at www.broadcast.harris.com



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