

HDI200 Data Importer

HD Radio Advanced Applications For FlexStar®

The HDI200 Data Importer™ is responsible for accepting, managing and multiplexing all HD Radio™ Advanced Applications Services (AAS.) This includes supplemental audio channels into the HD Radio data stream that are sent to the HDE200 Exporter™, combined into the main program services and sent to the FlexStar exciter.

The HDI200 provides broadcasters the opportunity to attract new revenue and enhance listenership via additional data services and multiple audio programs. With the proliferation of multicasting and datacasting on HD Radio, the HDI200 makes it easy to add HD2, HD3 and even HD4 broadcast, as well as HD Radio PAD (program associated data), album art, station logos news, traffic, weather and other text and graphical content to the HD Radio broadcasts.

The GatesAir HDI200 is a 1RU high-performance, server-grade computer with a solid-state hard drive for increased reliability and performance.

The HDI200 includes an eight channel audio card that supports HD2, HD3 and HD4 audio and PAD services. Optional Neural™ Pre-Codec Conditioning Processor software provides the highest quality audio broadcasts even at the low bit rates. The Web-based user interface provides convenient control of the HD Radio modes and bandwidth configurations.

Product Features

- Optional Neural™ Codec Pre-Conditioning Processors
- Fast boot time
- Version 4.3 Importer software
- Supports HD Radio multicasting
- Manages PAD data display
- Manages MPS, SPS modes and bandwidth

Specifications

Specifications and designs are subject to change without notice

Server-grade, ITOX® Long-Life micro ATx motherboard
300 W server-grade power supply
1RU, 19" W x 1.75" H x 21" D; 26 lbs
Rack mountable with included slides
Embedded Intel® Core 2 DUO 2.13 GHz processor
2 GB DDR3 2GHz Memory (Expandable to 4 GB)
Ultra- reliable 40 GB Solid state HDD
24X DVDRW
Lynx™ AES16e 24-bit audio I/O card supports eight AES Audio inputs and outputs
Microsoft Windows™ XP Professional embedded operating system
PS/2 keyboard and mouse (customer supplied)
2 - 10/100/1GB LAN ports with separate controllers
4 - USB ports
1 - RS-232 serial port
1 - Parallel port
UL, cUL, FCC Class B, CE, RoHS

