



ASA-105



Overview

Real-time and high-speed DVB/ASI input-output adaptor PCI type provides receive and transmit mode of DVB/MPEG-2 stream with high stable performance. The newest DVB/ASI input-output adaptor is PCI type board for the applications of DVB/MPEG-2 standard. We had developed it successful and operating in the field by the major with their applications of digital broadcasting.

You can install it in any sophisticated or simple environment easily and use it for your application software with the API libraries included the package. We believe that supports your business to digital broadcasting market. It is for the applications that capture, transmit, and play through ASI ports of dual mode. Also, it has capability of real-time transport stream processing.

To use its input rate monitoring function based hardware and PCI DMA bus master mode, you can compose a best solution of digital broadcasting and application efficiently.

Key Features

- High-speed input & output, compliant to DVB/ASI-C as defined DVB documents A010 rev.1 And EN50083
- Hardware based Input rate monitoring
- PCI DMA bus master mode
- Operation of input or output of the full DVB/ASI bit-range (Input : 0~216 Mbps / Output : 0~108Mbps)
- Synchronized and raw receive modes
- Hardware based rate conversion : NULL packet Insertion and PCR restamping : PIP Filtering, Remapping
- Packet size conversion between 188 and 204 bytes. Supports device driver and API for Windows 2000/ XP/ NT4/ Linux
- Counters for bit-rate measurement, 8B/10B code violations and synchronization errors
- Input/Output Diagnostic LED
- 8MBytes input buffer for large jitter tolerance; independent 8MBytes output buffer
- Double-buffering: DVB/ASI output available on two BNC connectors
- Scatter/Gather DMA for efficient handling of fragmented host memory PCI rev. 2.2, 32 bits, 33MHz