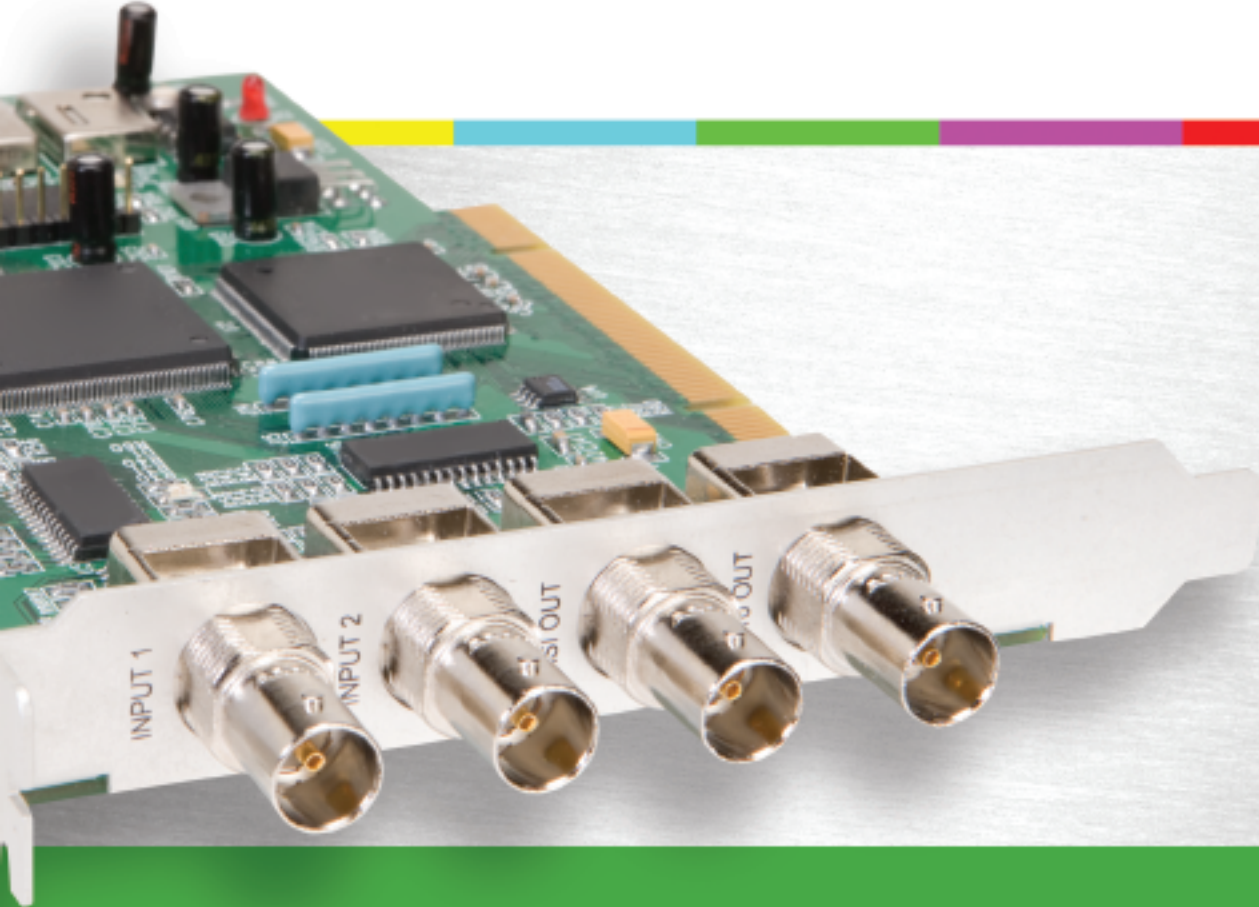


PCI Multiplexer Card

PCIM-1300



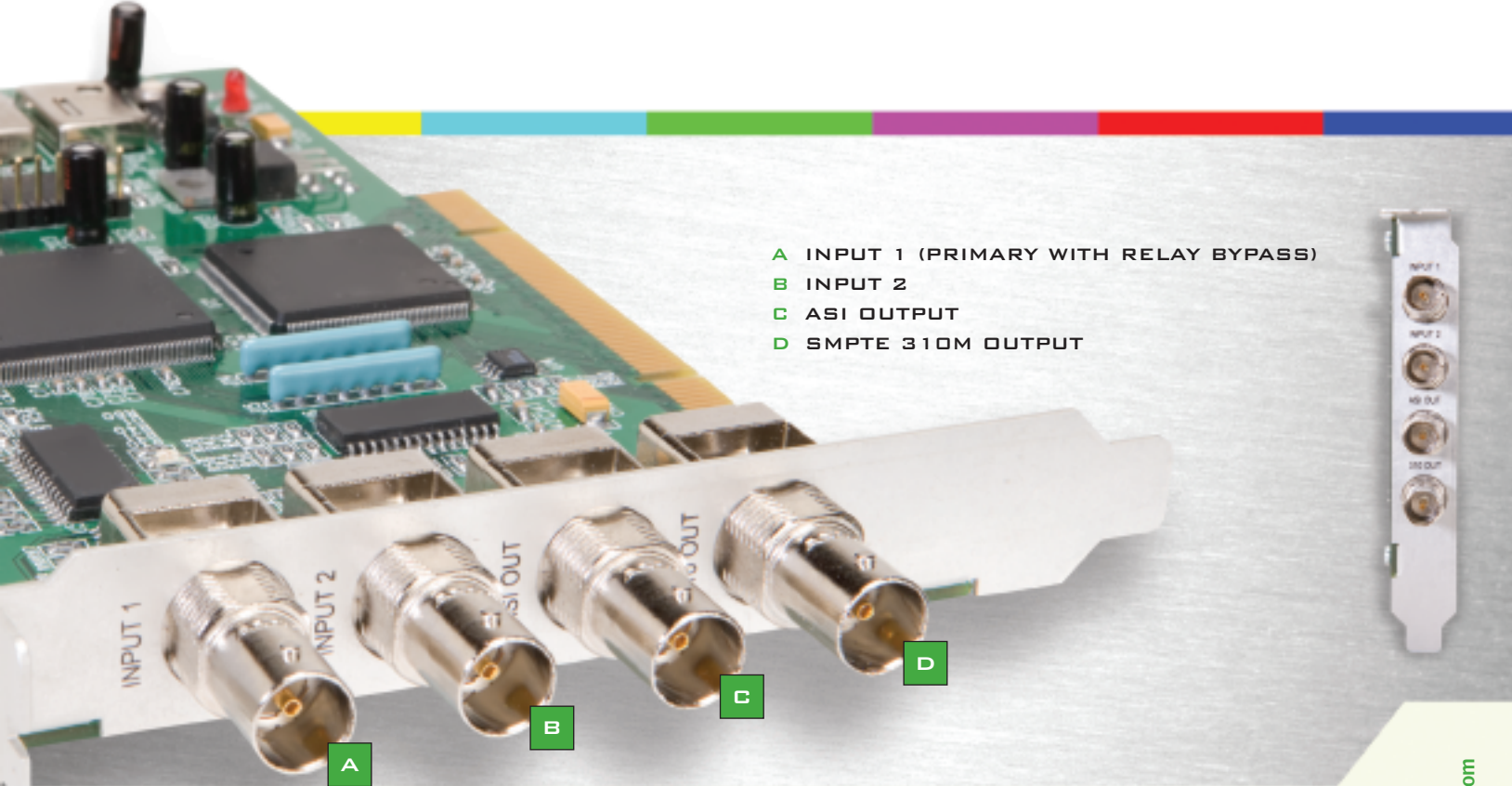
2 INPUT MULTIPLEXER CARD WITH RELAY BYPASS FOR PRIMARY INPUT STREAM

The PCIM-1300 is a two input MPEG2 PCI card multiplexer solution that enables a PC to create a single MPEG2 transport stream output in both ASI and SMPTE 310M formats. When used with DTV Innovations PSIP Pro dynamic electronic program guide software application (Optional), the PCIM-1300 allow for PSIP insertion.

- > Relay Bypass for Primary Input 1
- > User-friendly Graphical Interface
- > Automatically Detects Input Data Format & Packet Size
- > Displayed Packet Size: 188 or 204 Bytes
- > Interfaces: ASI & SMPTE 310M

PCI Multiplexer Card

PCIM-1300



- A INPUT 1 (PRIMARY WITH RELAY BYPASS)
- B INPUT 2
- C ASI OUTPUT
- D SMPTE 310M OUTPUT

The PCIM-1300 combines transport streams from its two inputs and creates a multiplexed output. The primary input has a bypass relay for fault tolerance. Bandwidth limitations, PID re-mapping and table conflict resolution are not available. Comprehension of the incoming transport streams is required. The PCIM-1300 provides for PSIP insertion when used with DTV Innovation's PSIP Pro, dynamic electronic program guide software application.

PC MINIMUM REQUIREMENTS

- Windows 2000 / XP
- 400 MHz Pentium 2
- 256MB RAM
- CD-ROM
- 4 GB Hard Drive
- PCI Slot
- 1024 x 768 Display, 16 Bit Color

SPECIFICATIONS

Transport Stream Input

- Connector: 75 ohm BNC
- Format: DVB-ASI and SMPTE-310M
- Bit Rate: 1~90 Mbps for DVB-ASI

DVB-ASI TS Output

- Connector: 75 ohm BNC
- Clock Rate: 270 MHz +/- 100 ppm
- Bit Rate: 1-90 Mbps
- Logic Levels: 800mV +/- 10%
- Data Rate Accuracy: 3 ppm

SMPTE-310M TS Output

- Connector: 75 ohm BNC
- Bit Rate: 19.392658 Mbps
- Format: Bi-phase-mark coding
- Max Jitter: 1.5ppm

Operating System

- Microsoft Windows 2000 / XP

PCI Bus

- PCI version 2.1 compliant

Physical Specifications

- Length: 6.919 inches (175.7mm)
- Width: 4.01 inches (93.6mm)
- Thickness: 0.062 inches (1.47mm)
- Typical Weight: 6.5oz (186g)
- Ambient Temperature Operating: 32-104°F (0-40°C)
- Humidity: 5% - 95% Non-condensing

Power Supply

- DC 3.3V & 5V

