

SST DATA HIGHWAY PLUS PCI INTERFACE CARD

Overview

The SST Data Highway Plus PCI interface card connects your PCI bus computer to Rockwell Automation's Data Highway Plus (DH+) network.

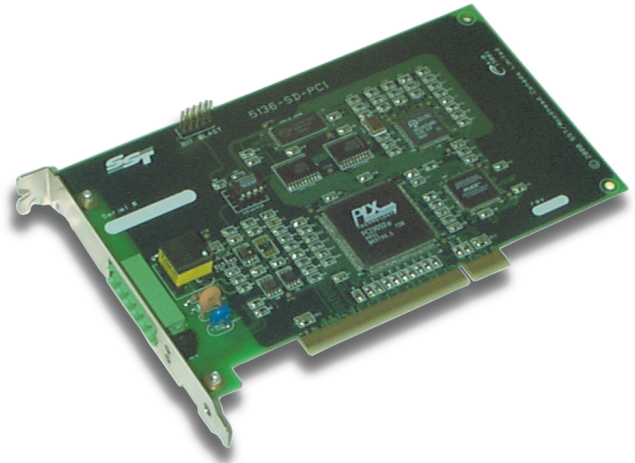
Applications

Many third party software programs support the SST interface card for various applications including:

- Operator Interface / HMI
- SCADA
- PLC programming

Features

- Supports 57.6, 115.2 and 230.4 Kbaud rates on Data Highway Plus
- Software support included for emulation of Allen-Bradley's 1784-KT card
 - Compatible with Rockwell Software's RSLinx and its RS family of products
- Most third party products include support for the SST PCI Card including Rockwell Software's RSLinx communication software
- Dual Application Interface (DAI) allows either two 16 bit or 32 bit Windows programs simultaneous access to one SST card
- Simple connection to network using a 6-pin screw terminal connector



Custom Driver Development

The PCI card interfaces with the host processor through shared memory. A fully documented host memory interface is provided. The card does not require external libraries, which simplifies custom driver development in your chosen operating system. DOS example programs with C source are included to assist you with your software development. A kernel device driver, Windows DLLs and 32-bit Windows sample applications are also included.

Available for the SST DH+ PCI Card

- **OPC Server for DH+**
- **Software support for emulation of Allen-Bradley's 1784-KT interface card**
- **Dual Application Interface**
- **Global Technical Support, 24 hours, 7 days**



Hardware Specifications

- Quarter length PCI interface card
- Supports 57.6, 115.2, and 230.4 Kbaud on DH+
- Occupies 16 or 32 Kbytes of host computer memory address space; memory location and size software configurable
- Port addresses 200 to 6F8 supported on 8 byte boundaries
- Memory addresses 8000 to FC00 supported on 16 or 32 Kbyte boundaries
- Multiple PCI cards can be configured in the same computer
- Optional interrupt generation on network events
- Interrupts 2, 3, 4, 5, 6, and 7 supported
- Compatible with PLC-2* PLC-3*, PLC-5, PLC-5/250, and SLC 5/04
- Operational temperature: 0 to 50C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)
- Power requirement: +5 V @ 500mA

Other Reference Materials

Web Site:

- www.mySST.com/cards/ab/ab.asp

Data Sheets:

- SST DH+ and 1771 Remote I/O Logic Analyzer / Monitor software
- OPC Server for DH+
- Third Party Driver List

Related Allen-Bradley Products

- Network Interface Cards connect various computer bus formats to industrial networks
- Embedded Network Solutions provide OEMs and device manufacturers with connectivity to industrial networks
- Network Diagnostic and Configuration Software
- I/O Simulation Software provides control systems testing and operator training
- Network Gateways provide connectivity between two dissimilar networks; over 45 industrial network protocols currently supported
- PLC Network Modules connect programmable controllers to industrial networks and I/O devices
- Data Servers include OPC and DDE Servers

Ordering Information

- Order part number 5136-SD-PCI

* Does not support front port current loop connection to PLC-2 or PLC-3 processors

Also available from SST:

www.mysst.com
Gateways
PLC Modules
Data Servers
Interface Cards
Embedded Solutions
I/O Simulation Software
Diagnostic and Configuration Software

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