



SST™ network interface cards easily connect PCI bus computers to Data Highway Plus and 1771 Remote I/O networks.

Data Highway Plus / Remote I/O

For PCI Computers

Features

- Software support included for emulation of Allen-Bradley 1784-KT / 1784-PKTX card
- Compatible with Rockwell Software RSLinx and its RS family of products
- Will operate on PCI 2.2 and 2.3 compliant systems
- Supports 57.6, 115.2, and 230.4 Kbaud rates on Data Highway Plus
- Supports communication as one or more slave racks using 1771 Remote I/O
- Simple connection to network using 6-pin screw terminal connector
- Custom Driver Development: open documented memory map interface with example C source code and Windows 32-bit DLLs and drivers

Includes:

- Microsoft Windows 2000/NT/XP/Server 2003 drivers/DLLs
- OPC Server for DH+



Product Overview

BradCommunications™ SST™ Data Highway Plus interface connects your PCI bus computer to Allen-Bradley Data Highway Plus (DH+) and 1771 Remote I/O (RIO) (adapter or scanner mode) networks.

Applications

Many third party software programs are compatible with the SST Data Highway Plus interface cards for various applications including:

- Operator interface and HMI
- SCADA
- PC Control
- PLC programming

SST™ PCI Interface Card



Hardware Specifications

- 32-bit short PCI compatible (compliant with PCI 2.2 and 2.3; will operate in PCI 2.1 compliant systems that have implemented the optional 3.3V supply voltage)
- Occupies 32 Kbytes of host computer memory address space: memory location and size software configurable
- Multiple PCI cards can be configured in the same computer
- Optional interrupt generation on network events
- Compatible with PLC-2*, PLC-3*, PLC-5, PLC-5/250, SLC 5/04 and ControlLogix DH+/RIO
(*does not support front port current loop connection to PLC-2 or PLC-3 processors)
- Operating temperature: 0° to 50°C (32° to 140°F)
- Storage temperature: -40° to 85°C (-40° to 185°F)
- Power requirements: 100 mA at 3.3V typical, 150 mA at 5V typical

Ordering Information

SAP Material Number	Catalog Number	Product Description
1120210022	SST-DHP-PCI	SST™ PCI Data Highway Plus / 1771 Remote I/O interface