The BradCommunications™ SST™ ControlNet™ Interfaces provide high-performance control and the support required for your ControlNet applications.

ControlNet™ PC Interfaces

For Controlling and Monitoring ControlNet Applications

Features

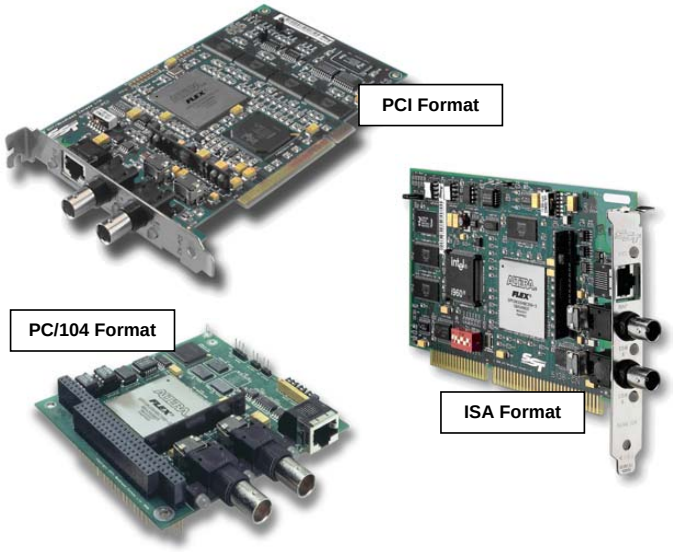
- High performance
  - 32-bit i960 RISC CPU
  - Simultaneous operation of 128 scheduled and 128 unscheduled message screeners
  - Simultaneous functionality of ControlNet messaging, scanner and adapter
- Ease of Use
  - Designed to work with any existing SST 5136-SD DH+ software driver for Operator Interface and HMI applications
  - Works with Rockwell Software's RSLinx allowing compatibility with Rockwell's "RS" family of products
  - Integrated configuration tool included for ControlNet scanner applications
- Diagnostic LEDs
- Network redundancy supported
- Support for various bus formats
- ControlNet conformance tested

Software Tools Included

- Network capture tool
- Network analyzer
- OPC server

OS and Drivers Supported

- Microsoft Windows NT drivers/DLLs
- Open, documented memory map interface with example C source code and Windows 32-bit DLLs for custom driver development
- Rockwell Software RSLinx support



The BradCommunications™ SST™ network interface cards are ideal for applications where high-performance control and reliability are required. Backed by superior support and service, Woodhead network interfaces support a wide range of network protocols and bus formats.

Overview

The BradCommunications SST Network Interface Cards for ControlNet™ connect your computer to ControlNet. Applications where it can be found include:

- Operator Interface
- Human-Machine Interface
- SCADA
- PC Control
- PLC programming
- Network configuration
- Network troubleshooting and diagnostics

Woodhead

BradCommunications™

WHATSAPP QUOTE >

SST™ ControlNet™ Interfaces



Network Specifications

Protocol	• ControlNet™
Data Rate	• All ControlNet data rates
Cable	• RG6 • Drop cable to tap should be 1 meter long
Connector	• 2 BNC connectors for redundant connections • Standard ControlNet NAP port

Hardware Specifications

	PCI	ISA	PC/104
Bus Interface	Compliant with PCI 2.1	16 bit, half-length ISA	Compliant with PC/104
Processor	Intel i960 32-bit RISC 33 Mhz		
Memory	1 MB	Min. 8K Window in host memory map (max. 512K and default 16K)	Min. 8K Window in host memory map (max. 512K and default 16K)
Diagnostics	three LEDs; two for network status and one for system status		
Interrupts	optional	**Software selectable level IRQ 0 through 7**	
Dimensions (Length x Width)	6.875 in x 4.2 in (17.463 cm x 10.668 cm)	6.225 in x 4.2 in (15.812 cm x 10.668 cm)	9.588 cm x 9.017 cm (3.775 in x 3.550 in)
Typical Current Draw	650 mA @ 5V		
Voltage Requirements	5V		
Resources	PCI Region 0 = 128 bytes PCI memory PCI Region 2 = 1MB of 32-bit PCI memory PCI Region 3 = 32 bytes of 32-bit PCI memory One PCI interrupt	ISA Memory Region = 512K of 16-bit ISA memory ISA I/O Region = 8 bytes of ISA I/O memory One ISA interrupt	PC/104 Memory Region = 512K of 16-bit PC/104 memory PC/104 I/O Region = 8 bytes of PC/104 I/O memory One PC/104 interrupt
Certifications	ControlNet conformance tested		
Operating Temperature	0ºC (32ºF) up to +50ºC (122ºF)		
Storage Temperature	-25ºC (-13°F) up to +70ºC (158°F)		
Humidity	5% to 95% non-condensing		

Ordering Information

Part Number	Product Description
5136-CN-PCI	ControlNet card, PCI
5136-CN-ISA	ControlNet card, ISA
5136-CN-104	ControlNet card, PC/104
Other ControlNet Part Numbers:	
5136-CN-VME	ControlNet card, VME

Network Interface

BradCommunications™ from Woodhead Industries

To contact us: www.woodhead.com Reference Number: DW2006122 Date Published: January 2006

North America: US + 1 800 225 7724 -Canada, +1 519 725 5136
Europe: France, +33 2 32 96 04 20 – Germany, +49 711 782 3740 – Italy, +39 010 59 30 77 – United Kingdom, +44 1495 356300
Asia: China, +86 21-5835-9885 – Singapore, +65-6261-6533 – Japan, +81-3-5791-4621

BradCommunications and SST are trademarks of Woodhead Industries, Inc. © 2005 Woodhead Industries, Inc.

WHATSAPP QUOTE >

Apter Power

GLOBAL INDUSTRIAL AUTOMATION SOURCING

Ready to source this part?

Ask for availability, pricing and delivery options.

Request a fast quote

Include the product title and any required part number or quantity.

EMAIL

info@apterpower.com

PHONE

+86 18106909650

CHAT ON WHATSAPP >

SCAN TO CHAT ON WHATSAPP

PRODUCT: 5136-CN-PCI / ControlNet PCI Interface Card

The enclosed manufacturer pages are reproduced without alteration to technical content.

Apter Power is not an authorized distributor, reseller or representative of the products featured.

Product names, trademarks, brands and logos remain the property of their respective owners.