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

ControlNet™ VME Interface

For Controlling and Monitoring ControlNet Applications

Features

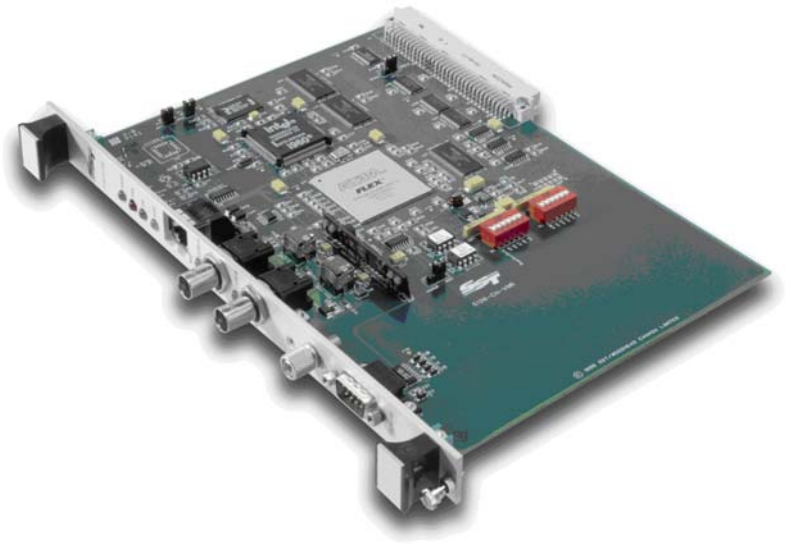
- High performance
  - 32-bit i960 RISC CPU
  - Simultaneous operation of 128 scheduled and 128 unscheduled message screeners
  - Simultaneous functionality of ControlNet messaging, scanner and adapter
- Ease of Use
  - Designed to work with any existing SST 5136-SD DH+ VME software driver
  - Integrated configuration tool included for ControlNet scanner applications
- Diagnostic LEDs
- Network redundancy supported
- Support for various bus formats
- ControlNet conformance tested

Software Tools Included

- Configuration tool

OS and Drivers Supported

- Open, documented memory map interface with example C source code for custom driver development



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 Card for ControlNet™ connects your VMEbus computer to ControlNet. Applications include:

- Scanning ControlNet I/O
- Exchanging data with other PLCs and devices over ControlNet
- Connecting PLCs and VMEbus computers to ControlNet

Woodhead

BradCommunications™

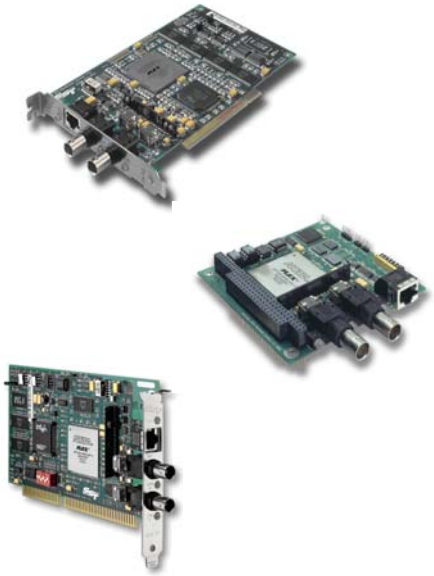
SST™ ControlNet™ Interfaces

Network Interface

Related products

Network Interfaces

- ControlNet interface cards also available for the following bus formats:
  - PCI
  - ISA
  - PC/104



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

Bus Interface	IEEE 1014, 6U height, P1 compatible
Processor	Intel i960 32-bit RISC 33 Mhz
Memory	(standard) 512 Kbytes on any even 512 Kbyte boundary or 16 Kbytes on an 16 Kbyte boundary (short) 32 bytes on any 32 byte boundary
Diagnostics	three LEDs two for network status and one for system status
Interrupts	DIP switch selectable level IRQ 1 through 7 or none
Dimensions (Length x Width)	Double-height (6U) module
Typical Current Draw	400 mA @ 5V ±12VDC not used
Voltage Requirements	5V
Resources	Memory: SD16, SAD024 Registers: SD08(0), SAD016
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-VME	ControlNet card, VME
Other ControlNet Part Numbers:	
5136-CN-PCI	ControlNet card, PCI
5136-CN-ISA	ControlNet card, ISA
5136-CN-104	ControlNet card, PC/104

BradCommunications™
from Woodhead Industries

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