BradCommunications™ SST™ remote scanner uses the same great features of the SST DeviceNet PC interfaces, preserving your PC application investment while extending DeviceNet control over Ethernet.

Remote DeviceNet™ Scanner

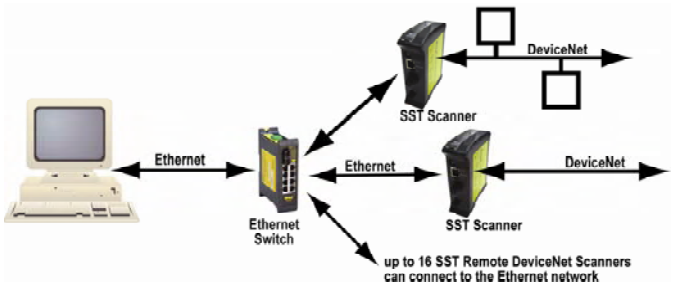
DeviceNet control over Ethernet

Features

- High performance DeviceNet protocol executed via up to 16 SST™ Remote DeviceNet™ Scanners
- User interface DLL/API is completely backward compatible with existing applications and local DeviceNet interface cards
- Diagnostic LEDs
- UCMM (Unconnected Message Manager) capable; Group 1, 2, and 3 dynamic explicit connections supported
- Provides simultaneous execution of Group 2 Client (Master) and Server (Slave) operation
- Supports all DeviceNet standard baud rates: 125, 250, and 500 Kbaud
- Supports Poll, Strobe, Change of State (COS) and Cyclic I/O messaging
- Provides Client (Master) explicit messaging to slave devices

Product Description

Traditionally when running a PC control application, one PC installed with one network interface card was required for each DeviceNet™ network. Now with the introduction of the SST™ Remote DeviceNet Scanner, a PC for each network is no longer required.



The SST Remote DeviceNet Scanner controls I/O devices connected to a DeviceNet network without the need of a local PC. DIN rail mountable, up to 16 SST Remote DeviceNet Scanners can be connected to one Ethernet switch which is then connected back to a PC residing on an Ethernet network. The PC allows users to remotely access diagnostic information on the SST Remote DeviceNet Scanner and the DeviceNet network.

Benefits include:

- Backward compatible DLL preserves existing investment
- DIN rail mount allows distribution to machine level
- Frees up PC slots by placing scanner cards remotely
- Manage your DeviceNet application across an Ethernet LAN
- Capable of updating DeviceNet IO faster than a PCI version

Rockwell Automation Encompass Product Partner Global

ODVA™

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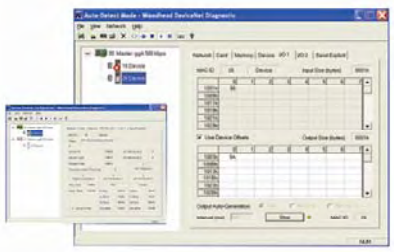
Remote DeviceNet Scanner

OS and Drivers Supported

- Microsoft Windows 2000 / XP drivers
- Diagnostic tools
- Example C source code and Windows 32-bit DLLs for custom driver development

Software Tools

Diagnostic and test tools are available that enable fast integration of industrial communication into your application.



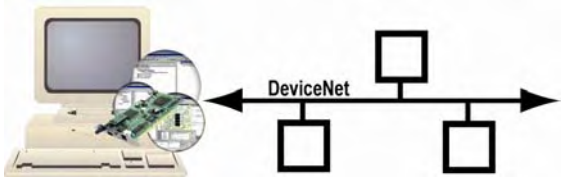
Hardware Specifications

Diagnostics	Bi-color LEDs showing card status box power, DeviceNet™ power, health, communication, Ethernet ack, link, baud
Dimensions (LxW)	23.335 cm x 15.9995 cm (9.187 in x 6.299 in)
Operating Temperature	0º C (32º F) up to +50º C (122º F)
Storage Temperature	-40º C (-40º F) up to +85 ºC (185º F)
Humidity	5% to 95% non-condensing
Network Specifications	
Protocol	DeviceNet master – Group 2 Client, Group 2 only Client DeviceNet slave – Group 2 Server Isolated CAN physical layer on each channel
Cable	DeviceNet: shielded twisted pair, compatible with target network Ethernet: Cat 5e shielded
Connector	DeviceNet: compliant micro connector Ethernet: RJ45
External Power	DeviceNet: 11-24 VDC, 50 mA typical Box power: 10 – 30VDC, 330mA typical
Isolation	500 V
Data Rate	125K, 250K and 500K baud for DeviceNet 10/100 Mbit for Ethernet
RoHS Compliant	Yes

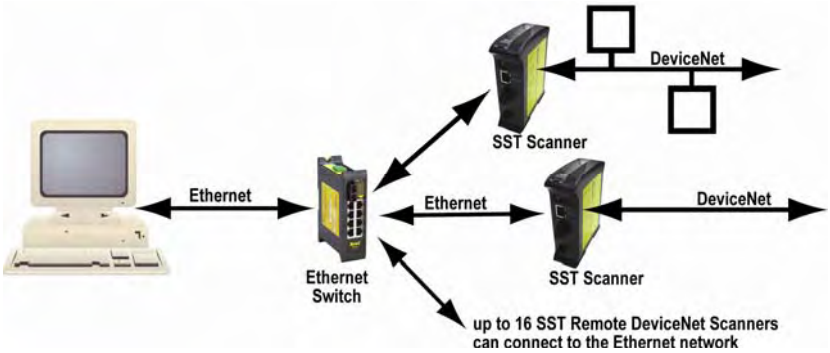
Ordering Information

Part Number	Product Description
SST-EDN-1	SST™ Remote DeviceNet Scanner

Connecting to DeviceNet directly through PC



Connecting to DeviceNet over Ethernet using the SST Remote DeviceNet Scanner



Gateway

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