CANopen Router /B

CANopen to EtherNet/IP and Modbus Router

CANopen to Logix/Modbus

CANopen Master
124 Slaves x 32 PDOs
100 SDOs

CANopen Slave
125 PDOs

Built-In Packet Analyser

EtherNet/IP Originator

EtherNet/IP Target

Logix Direct-to-Tag

Modbus -TCP / -RTU
(RS232 / RS485)

Device Level Ring

DIN Rail Mount

Easy to configure

The CANopen Router provides a powerful and easy to configure solution to exchange data between CANopen devices and a Logix controller or Modbus device.



The module can operate as a CANopen Master exchanging data with up to 124 slave devices, or as a CANopen slave where it can emulate up to 125 Process Data Objects (PDOs), each with a configurable node address.

The CANopen data can then be exchanged with the configured Primary Interface, being either:

EtherNet/IP Target - Here the module is either added into the Logix controller's IO tree (class 1), or exchanges data with Logix tags (Direct-to-Tag).

EtherNet/IP Originator - Here the module can be configured to either explicitly message up to 5 EtherNet/IP devices (UCMM / Class 3) or establish Class 1 connections to them.

Modbus Master - Here the module can exchange data with one or more Modbus Slave devices via Modbus-TCP or -RTU (RS232 or RS485).

Modbus Slave - Here the module can exchange data with a remote Modbus Master via Modbus-TCP or -RTU (RS232 or RS485).

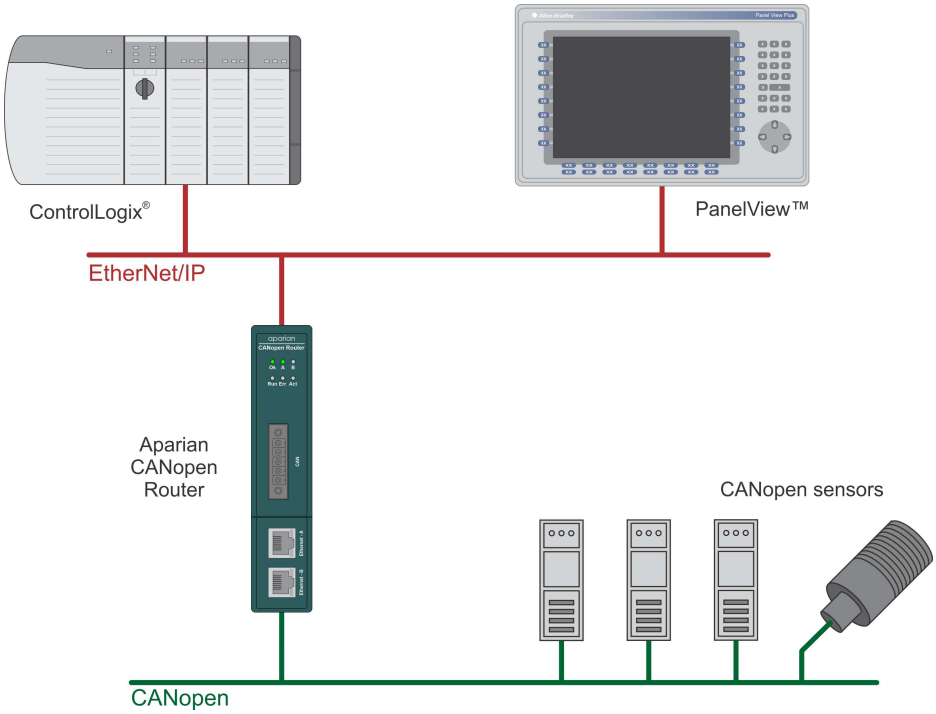


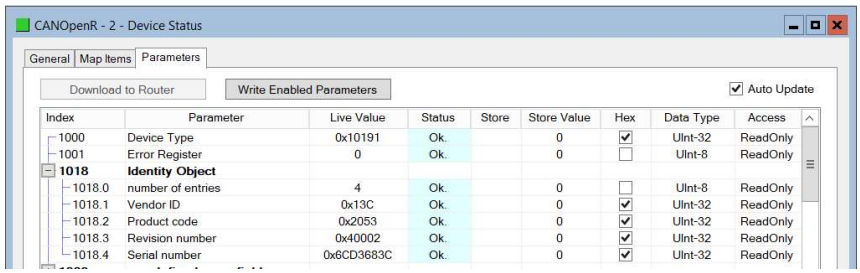
CANopen Router A-CANOR/B

The CANopen Router/B can map up to 100 Service Data Objects (SDOs) from various CANopen Slaves and exchange this data with the selected primary interface.

Configuration is simplified through the use of Aparian's Slate configuration utility. It also provides a utility to read and write CANopen device parameters (SDOs). Critical parameter values can be stored within the project and later written to the device to simplify device replacement.

The CANopen Router is packed with diagnostic information including an on-board CANopen packet capture utility, CAN Discovery and node Live List.





Specifications

Parameter	Rating
Power requirements	10 - 32 VDC (85mA @ 24VDC) 2.2W Max.
Operating temperature	-20 - 70 °C
CANopen BAUD supported	10k, 20k, 50k, 125k, 250k, 500k, 800k, 1M
CANopen Master mode	124 Slaves (32 PDOs each), 128 SDOs total
CANopen Slave mode	125 (any slave address)
Ethernet	10/100 Mbps, Full/Half Duplex, Auto-MIDX, DLR
EtherNet/IP Target	4 x Class 1 Connections + Direct-to-Tag
EtherNet/IP Originator	5 x Class 1, 5 x Devices (UCMM/Class 3) 50 map items (total)
Modbus Protocol	TCP, RTU (RS232 or RS485)

EtherNet/IP™

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E494895

Aparian Inc.
24 Twain
Irvine,
CA, 92617

Tel. (949) 445 4109
sales@aparian.com
www.aparian.com

aparian