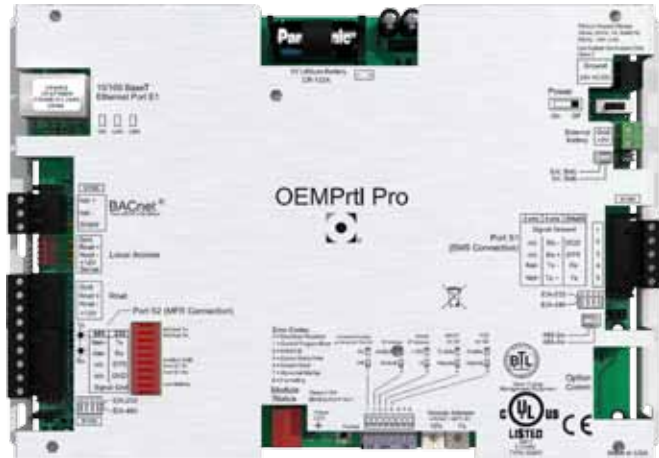


OEMPrtl Pro - Router | Protocol Translator

OEMPrtl Pro

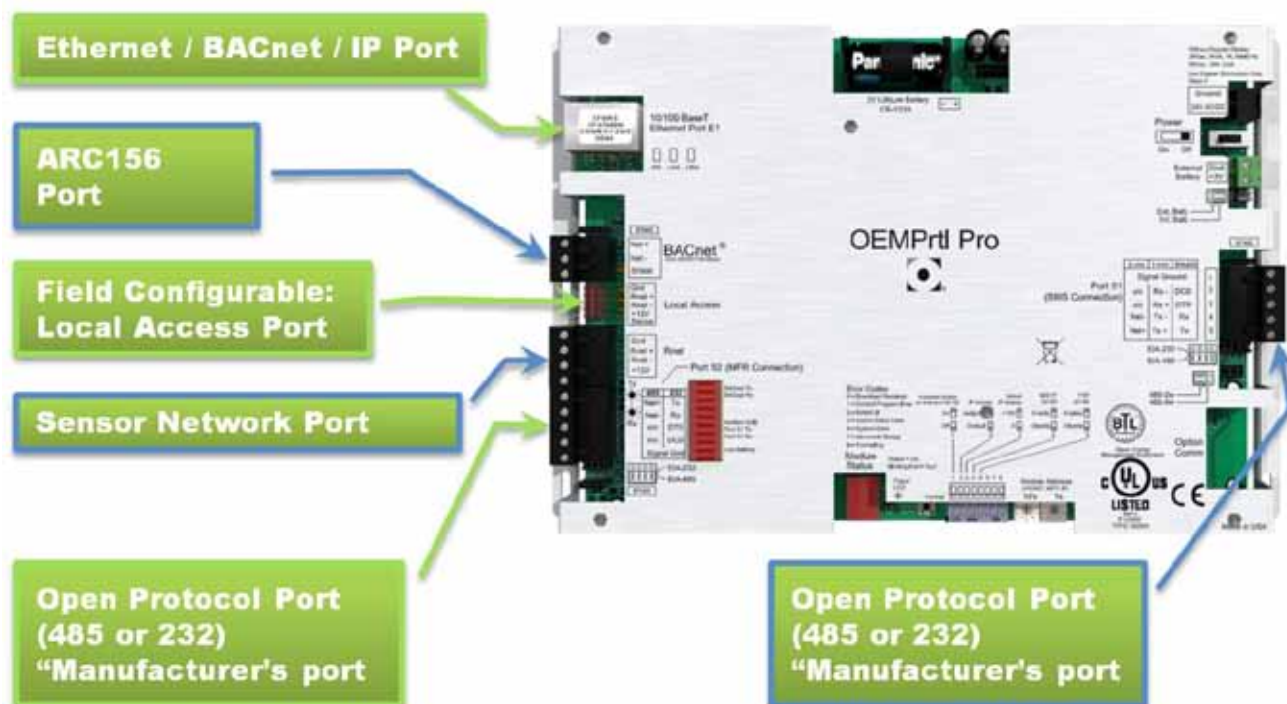
The OEMPrtl Pro sets a new standard for multiple equipment protocol conversion. An extremely powerful, high-speed device router & gateway, the OEMPrtl Pro can connect hundreds of control modules to a BACnet/IP backbone. Support for BACnet/IP, BACnet-over-Ethernet, ARC156, MS/TP, BACnet PTP, Modbus, N2, and LonWorks* communications are standard. A wide range of open and proprietary protocol translator drivers allow the OEMPrtl Pro to also serve as a gateway to other manufacturers' equipment. Fully programmable, the OEMPrtl Pro can also execute complex control strategies for high-level system integration and is easily configured using the industry's leading graphical programming tool, EIKON Logic Builder. It can convert between multiple open protocols like; Modbus to BACnet, or from a proprietary protocol to an open protocol to allow for integration with virtually any Building Management System. The OEMPrtl Pro also offers the ability to plug in an optional backlit LCD display/keypad to allow for viewing any of the points in your system.



Key Features and Benefits

- Built-in protocol support: BACnet (ARC156, MS/TP, and PTP), Modbus (RTU and ASCII), N2, and LonWorks*.
- Custom programmable using our powerful EIKON graphic programming tool. Eikon allows you to create graphic logic sequences for your application, which can be fully simulated off-line (with Eikon's simulation tool), and graphically viewable live on your equipment - the ultimate diagnostic tool.
- Built-in support for OEMCtrl's custom configurable keypad/display unit - BACview6 (4-line by 40 character per line display) or BACview5 (2-line by 16 character per line display). Up to 2 Keypad/display units can be mounted remotely.
- Local laptop computer access port provided diagnostics and configuration.

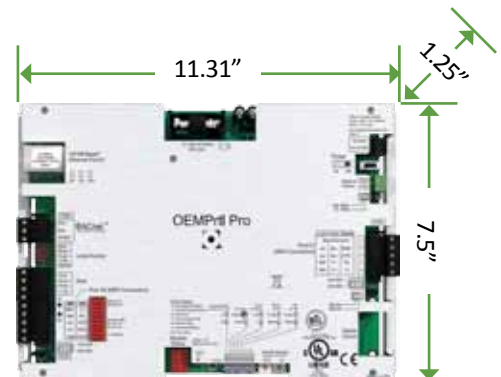
Communication Flexibility



OEMCtrl®

Specifications

Power	24VAC \pm 15% (20.4VAC to 27.6VAC), 50 to 60Hz, 10VA power consumption (single Class 2 source only, 20VA or less).
Physical	Rugged Aluminum Housing
Operating Range	-0° to 130°F (-18.5° to 54.4°C); 10 to 90% relative humidity, non-condensing
Communication Ports	<p>BACnet Port : ARC156 communication.</p> <p>Port S1: (BMS Connection) Normally configured for the Building Management System. It is configurable for EIA-485 mode or EIA-232 and supports communications protocols BACnet MS/TP, BACnet PTP, Modbus (RTU or ASCII), N2, or LonWorks (through an SLTA).</p> <p>Port S2: (MFR Connection) Connection to the Manufacturer's equipment. It is jumper configurable for EIA-485 mode or EIA-232. It supports communications protocols BACnet MS/TP, BACnet PTP, Modbus (RTU or ASCII), N2, or LonWorks (through an SLTA).</p> <p>Rnet: Local laptop and/or BACview access port.</p>
BACnet	    <p>Conforms to the BACnet Building Controllers (B-BC) Standard Device as defined in BACnet 135-2001 Annex L. BTL (BACnet Test Labs) listed device</p>
	 <p>LonWorks requires an SLTA</p>
Status Indication	Visual (LED) status of serial communication, running, errors, power, and all digital outputs
Battery	Battery CR123A has a life of 10 years with 720 hours of cumulative power outage
Protection	Built-in surge transient protection circuitry. Module protected by internal solid state Polyswitches on incoming power and network connections. Polyswitches do not need to be replaced as they will reset themselves once the condition that caused them to "trip" returns to normal.
Listed by	FCC, UL, cUL, and CE listed. BTL (BACnet Test Labs)



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