

B6130—BACnet/IP to 2 Modbus Devices

- Professional BACnet/IP connectivity
- Interfaces to Modbus devices - meters, controllers
- Extremely easy system installation
- Add to existing **Building Automation Systems**
- Informative example of naming convention with device model and definition
- Ability for the user to choose registers for mapping and save as template
- Easy browser setup (built-in web server)
- Standard RS485 three wire connection
- Simultaneous session access to BACnet data, Web page and configuration
- Modbus Template creator tool makes template creation a breeze, sample templates included



Modbus RTU



BACnet/IP

PRODUCT INFORMATION

The “E+ series” enables innovative applications together with existing Building Automation Systems so you can offer solutions which save money and improve building comfort.

Modbus Device data exposed to BACnet can include any desired device parameters. But typically includes a flow, total, an average and various quality measures. Typical measures are prenamed in dropdown menus.

In addition to permanently available meter templates which can be selected using the Modbus Template creator setup procedure using a drop down menu, the user can create a new template at a moment’s notice and then load it to B6130. It is a mapping free and well modeled template product. Create templates with the tool—load them into

• Devices Configuration	Baud rate	9600	The baud rate of serial port. (Default=9600)
• BACnet Objects Status	Serial Mode	8-N-1	Default mode: 8-N-1 (8 data bits, No parity, 1 stop bit)
• Change Password	Common settings		
• Statistics	Parameter	Value	Description
• Reset Configuration	Polling Delay	5	Idle time(in sec) between the end of one poll and the start of the next. Default=30 sec. Range: [5-3600]. The Polling Delay is actual only for devices with "Polling" parameter set to "Periodically"
• Activate Configuration	Device 1 Configuration		
	IP	192.168.0.51	IP Address used by the Modbus/TCP device. Empty IP means Modbus/RTU
	Modbus ID	1	Address of remote device connected on a serial line. Valid range: [1-247] for Modbus/RTU or Modbus/TCP router. Empty(or 0) for Modbus/TCP device.
	Polling	<input checked="" type="checkbox"/> Periodically <input type="checkbox"/> On demand	How to update values: On demand (by user) or Periodically(using Polling Delay)
	Description	Spirax Sarco test meter	Device description (up to 63 characters)
	Device Model	<input type="button" value="Upload template"/> <input type="button" value="Delete template"/> Current template: Spirax Sarco	

BACnet DETAILS

Raw counts and scaled values = analog objects
Times = binary objects

INTERFACE SPECIFICATIONS

Adapter Input Voltage..... 105 to 117 VAC @ 10W
 Input Voltage..... 9 VDC @ 1A
 Operating Temperature..... 7 to 40° C
 Dimensions..... 5.0 x 5.9 x 1.2 inches
 Connections..... Ethernet RJ45, modular screw terminal, DC power

PRODUCT SUPPORT

One year parts, labor, and technical installation support (via telephone or email)

ORDERING INFORMATION

B6130 - BACnet/IP to 2 Modbus Devices
 B6099 - wall bracket kit



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