

### BUILDING MANAGEMENT SYSTEM BACnet AND MODBUS INTERFACE

Introducing the BMS gateway for control of A. O. Smith Water Heaters

**CONNECT YOUR A. O. SMITH WATER HEATER TO YOUR BUILDING MANAGEMENT SYSTEM USING THE NEW MILLENNIUM CONTROL FROM ICC\* (INDUSTRIAL CONTROL COMMUNICATIONS, INC.)**

- Works Cyclone® BTH and BTX(L)-100, Gold Xi™ DVE, Heavy-Duty Custom Xi™ DSE and Dura Power™ Xi DVE/DHE models
- Use the ICC Control to enable/disable the water heater
- Change Temperature Set points and differentials
- Two models with four different configurations to connect to BACnet and Modbus
- Ethernet and Serial RS-485 versions available
- 2 wire or 4 wire RS-485 Network
- Power can be supplied via the USB cable, as a 7-24 VDC input on the main terminal Block, or via IEEE 802.3af Power over Ethernet (PoE on ETH-1000 only)
- Configure protocols, network characteristics, and client/server object definitions
- Graphically interact with the internal database in real-time via USB connection
- Automatically discover and configure IP settings Ethernet gateways connected to the current subnet
- Update Firmware



**MODELS  
ETH-1000  
ETHERNET CONNECTION**

**XLTR-1000  
SERIAL RS-485 CONNECTION**



ICC Energy Management Interface			
Protocol	Part #	Connection Type	Application
BACnet	100131364	Serial (RS485)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	100131365		Commercial Electric - DVE, DSE, DVE/DHE
	100131370	Ethernet (IP)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	100131371		Commercial Electric - DVE, DSE, DVE/DHE
Modbus	100131367	Serial (RS485)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	100131368		Commercial Electric - DVE, DSE, DVE/DHE
	100131373	Ethernet (IP)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	100131374		Commercial Electric - DVE, DSE, DVE/DHE

- Heater connection wiring supplied with unit.
- For questions on this product Call 888-928-3702 Opt 1
- RTU and serial connect via RS-485
- Ethernet and IP connect via RJ-45
- MS/TP connections type use the XLTR-1000 Gateway