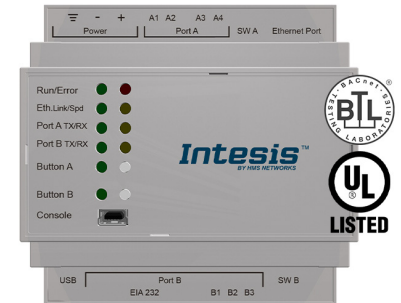


# PPS MB100

## Modbus to BACnet Protocol Translator Gateway

The PPS MB100 gateways are full featured solutions for commercial/ industrial generators and transfer switches to connect to Building Automation Systems. Integrate any Modbus RTU or TCP generator controller or transfer switch with a BACnet BMS or any BACnet IP or BACnet MS/TP controller.



### Standard Unit Includes

- PPS MB100 Gateway - Fully Configured
- Installation Phone Support
- UL Certified
- BTL Certified
- Support for BACnet IP Client and MSTP Master
- BACnet Advanced features available (Trend logs, Calendars, etc.)
- Support for 2 independent RTU ports for integration into BACnet IP **NEW!**
- Up to 5 Modbus TCP nodes/devices
- Up to 32 Modbus devices per RTU node (without repeater) and up to 255 in total
- Easy integration & updates with Intesis MAPS
- 3 Year Warranty

### Specifications

**Enclosure:** Plastic, type PC (UL 94 V-0).

**Dimensions:** 107mm x 105mm x 58mm.

**Color:** Light Grey. RAL 7035.

**Power:** 9 to 30Vdc +/-10% 1.4W. 24Vac +/-10% 1.4VA. Plug-in terminal block for power connection (2 poles).

**Mounting:** Surface. Wall. DIN rail EN60715 TH35.

**Modbus RTU ports:** 1 x Serial RS232 (DB9 male DTE).

1 x Serial RS485 (Plug-in screw terminal block 2 poles).

**Modbus TCP & BACnet/IP port:** 1 x Ethernet 10BT RJ45

**LED indicators:** 1 x Power

2 x Serial port (Modbus RTU) activity (Tx, Rx)

2 x Ethernet port link and activity (LNK, ACT)

**Console port:** RS232. DB9 female connector (DCE)

**Configuration:** Via console port 1

**Firmware:** Allows upgrades via console port

**Operational temperature:** -40°C to +70°C

**Operational humidity:** 5% to 95%, non-condensing

**Protection:** IP20 (IEC60529)

**RoHS conformity:** Compliant with RoHS directive (2002/95/CE)

**Certifications:** CE



Buffalo/Rochester: 716.822.0051  
Syracuse: 315.451.3838  
Central Pennsylvania: 610.944.0451  
Cranberry PA: 724.631.1260  
Philadelphia: 215.335.5010