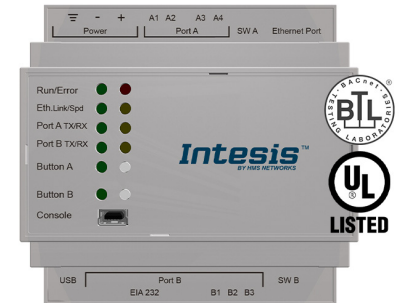


HMS MB100

Modbus to BACnet Protocol Translator Gateway



The HMS 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

- HMS 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