

## **BMS Automation Protocol Converter, BACnet Router Model : GW BMS 02 02R**



BMS Converter is an external Building and Industrial Automation multi-protocol device server for OEMs wanting to provide protocol translation between Serial and Ethernet devices using LonWorks®, BACnet, Metasys N2, Modbus and more.

Each BACnet Converter is provided with the necessary protocol drivers. Multiple drivers can be installed on a single Converter. We can provide custom driver support when needed.

### **Features/Benefits**

- Use Field Server BTL approved Modules
- Multiple BACnet Routing Connections for any combination of BACnet MSTP, BACnet IP & BACnet Ethernet.
- GW BMS 02 02R discovers BACnet MSTP devices connected to RS485 port using auto discovery.
- No configuration file is required in the GW BMS 02 02R.
- All BACnet MSTP devices and their objects will be available on BACnet IP side. User can configure devices and objects in the BACnet IP software as per their requirement.
- GW BMS 02 02R can be used as BACnet MSTP to BACnet IP and vice versa without any configuration change.
- GWBMS02R has 2 RS485 ports. Total 64 devices can be multidropped on GW BMS 02 02R.
- Support HTTPS and DHCP Client
- BACnet data types supported : AI, AV, AO, BI, BV, BO, MI, MV, MO, LSP, Device

### **Ease of Use**

- Web Based configuration
- Foreign Device Registration (FDR)
- BACnet Broadcast Management Device (BBMD) for a connection between different subnets

### **Ease of installation**

- MDI/MDIX to use any Ethernet cable for commissioning & installation
- DHCP to automatically obtain IP setting from the network

### **Specifications**

Serial ports : 2. RS485, 2 Wire, 2 Pin Screw type terminal  
Ethernet port : 1. 10/100 Ethernet port, RJ45 connector

**Indications** : LED's for Tx, Rx, Power

**Power** : 24V DC / 24V AC. Range 18-72V VDC, 100mA @ 24V DC  
: 2 Pin Screw type connector.

### **Environmental**

Operating Temp : -40°C to 75°C  
Relative Humidity : 5-90% RH, non-condensing

### **Enclosure**

Dimensions (Lx W x H) : 9.7 x 8.1 x 4.2 cm  
Mounting : DIN Rail

## **Ordering Information : GW BMS 02 02R BACnet MSTP to BACnet IP Router**