San Telequip (P) Ltd.,
504/505 Deron Heights, Baner Road, Baner
Pune 411045, Mah, India
Phone : +91-20-27293455, 9764027070, 8390069393   Connecting. Converting. Leading !
email : info@santelequip.com   .

BMS Automation Protocol Converter, Model BMS 05 Series

BMS Series of Converters are Building and Industrial Automation multi-protocol device server for OEMs wanting to provide protocol translation between Serial-Serial, Serial-Ethernet and Ethernet-Ethernet devices using LonWorks®, BACnet, Metasys N2, Modbus and more.

BMS 05 series is a Ethernet to Ethernet & Ethernet to Serial Protocol Converter which can convert Modbus TCP/BACnetIP, SNMP, EthernetIP/Modbus RTU/BACnet MSTP etc., to one another.

The Converter includes all the hardware and software to enable the customer's products to interface to various networks. Each BACnet Converter is provided with the necessary protocol drivers. Multiple drivers can be installed in a single Converter. We can provide custom driver support when needed.

Features/Benefits

√   Use Field Server BTL approved Modules
√   The most flexible and versatile multi-protocol Device Server on the market.
√   Supports virtual nodes allowing multiple OEM controllers to connect to a single converter and seen as separate controllers on the various field networks.
√   TRUE protocol translation and not Protocol packet Encapsulation.
√   Interfaces to over 85 Building and Industrial Automation Protocols.
√   Multi-Client and Multi-Server support ensures interoperability between any Industrial and or Building Automation protocols.
√   1200 points can be supported as default
√   Options are available for 2500, 5000 and 10000 points
√   Flash upgradeable.
√   It is capable of reading data from the various slaves and writing data to them if required.
√   Configuration of the GW BMS 05 is done using a '.csv' file. In this file we need to enter information for the Client and Server side interfaces of the GW BMS 05. This Includes:
  •   Node Ids of slave devices
  •   IP address/Device Address of slave devices.
  •   We need to create an internal mapping that would map each data value read on the client side to a data value on the server side.

Specifications

Ethernet   : 1 Port, 10/100 Ethernet port
Connector   : RJ45

Indications   : LED's for Tx, Rx, Power

Power
Power Requirements : 24V DC / 24V AC. Range 18 to 72V DC. 100mA @ 24V DC
Connector   : 2 Pin Screw type

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Environmental

Operating Temp.   : -40°C to 85°C
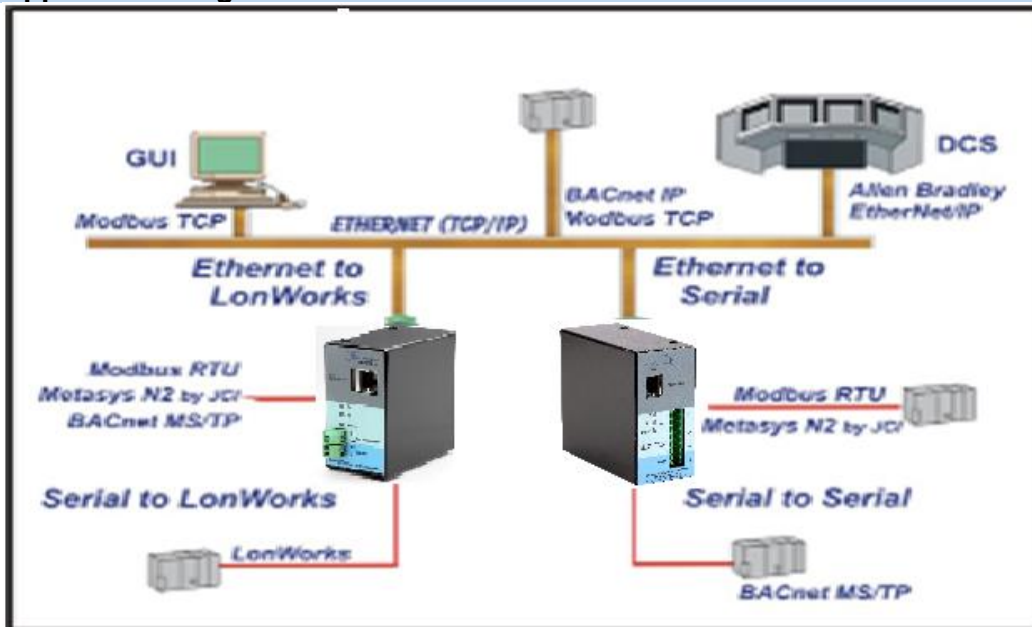Relative Humidity   : 5-90% RH, non-condensing

Enclosure

Dimensions   : 9.7 x 8.1 x 4.2 cm. (LxWxH)
Mounting   : DIN Rail

Supported protocols

BACnet IP	BACnet MSTP
Modbus TCP/IP	Modbus RTU
OPC, SNMP	
EthernetIP	

Application Diagram

Ordering Information

MODEL NO	PROTOCOLS	
GW BMS 05-A	BACnet IP	Modbus TCP
GW BMS 05-B	SNMP	BACnet IP / Modbus TCP
GW BMS 05-C	SNMP	Modbus RTU / BACnet MSTP
GW BMS 05-D	EthernetIP	Modbus RTU / Modbus TCP/BACnet IP