DATASHEET

PG701

ProtoConvert introduces the computer designed PG701 Gateway, which provides high-performance networking in robust, compact, and cost-effective IIoT solutions. The PG701 enables OEMs to compete in a broader market by meeting specifications for BMS connectivity. The PG701 comes with 1000 read and write points.

PG701 single wireless gateway can seamlessly connect one or many OEM devices into BMS networks including like BACnet IP, BACnet MSTP, Modbus TCP/IP, Modbus RTU, SNMP, MQTT, JSON, OPC DA, Minerva, OPC UA, FTP Client, SQL, Agilent, Hochiki EN, Email, SMS, Telnet, Veeder root, Hochiki MC and many more. It is a Bi-directional Converter that can be configured as a client and/or a Server on either protocol interface.

Key Features

- AM335x Processor
- 512MB RAM
- Wi-Fi connectivity option
- Multiple interfaces: 1xRS485, 1xRS232, 1xEth, 1xWiFi
- Multi-Protocol Translation

- Supports up to 5000 read and write points.
- Robust design
- DIN rail enclosure with optional wall mount bracket

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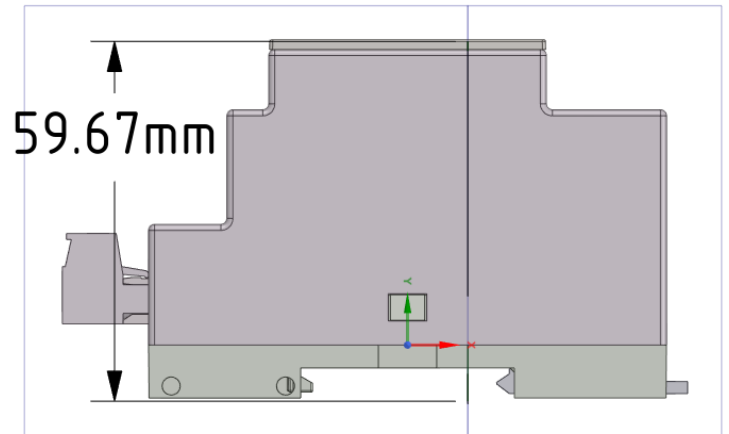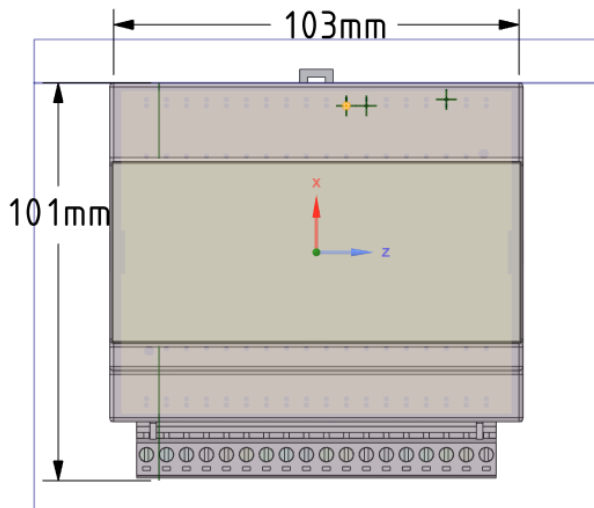sales@protoconvert.com

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ProtoConvert

Applications

- Control and automation systems
- Home automation
- Building management systems
- Process control

- Industrial automation
- Machine control
- Industrial control networks Monitoring

Technical Specifications

Processor:
SOC: AM335x
RAM: 512MB

Physical Interfaces
Ethernet: 10/100 MBps
Serial: 1 x RS485
      1 x RS232
Baud: 9600, 19200, 34800, 57600, 76800
Wireless: Wi-Fi 802.11 b/g/n
    Frequency: 2.4GHz

Power Rates:
Supply Voltage: 12 VDC
Supply Current: 0.5A

Environmental
Operating Temperature: 0 °C ~ 50 °C
Operating Relative Humidity: 5 ~ 95%, non-condensing
Storage Temperature: -25 °C ~ 80 °C

Dimensions