

WSG-101 - Product Datasheet



Building Automation System Gateway

The WSG-101 Building Automation System (BAS) Gateway connects Powercast's wireless sensor devices to the wired BAS network. It receives data from up to 100 Lifetime Power® wireless sensor devices (WSN-10XX) and communicates to a BAS network through a wide range of industry standard protocols and physical interfaces.

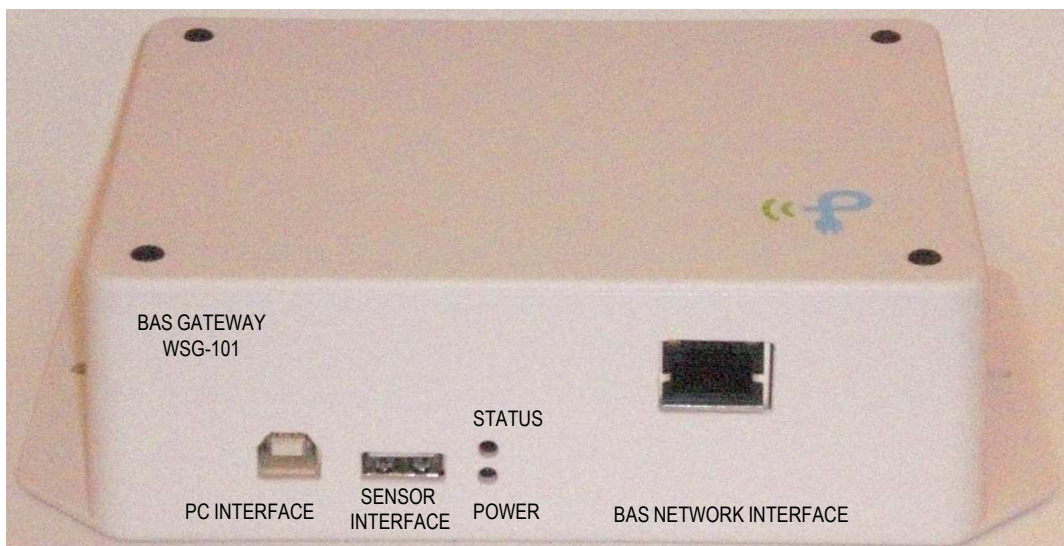
- **Multiple BAS protocols**
- **Up to 100 devices**
- **Easy configuration**

KEY FEATURES

- Supports up to 100 devices
- Multiple BAS interface options
- Integrated antenna
- Gateway redundancy options
- 24VAC/DC power

BENEFITS

- Deployment scalability
- Easily integrates with virtually any BAS
- Simple configuration and deployment
- Maintenance-free operation
- No interference with or from Wi-Fi



Ethernet
BACnet/IP BACnet Ethernet Modbus TCP Ethernet/IP SNMP

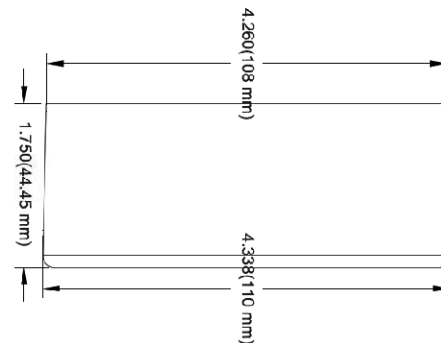
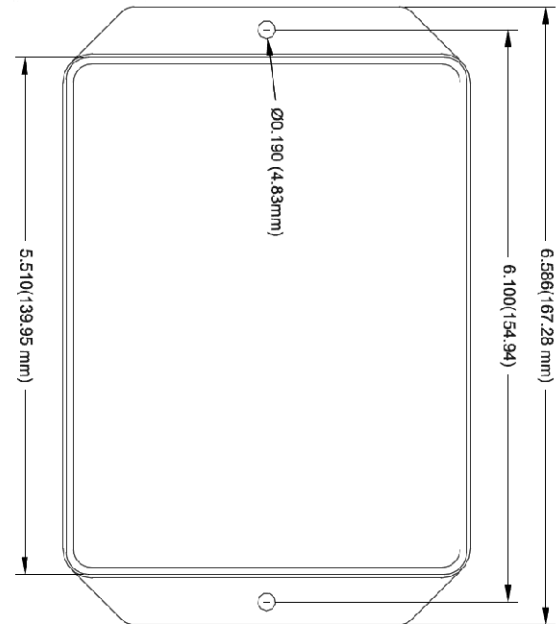
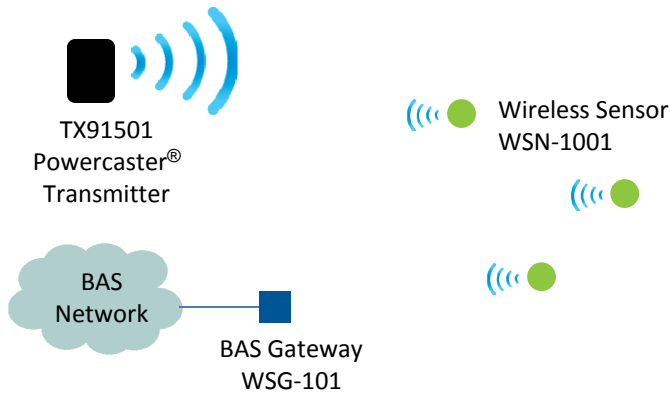
RS-485
BACnet MS/TP Metasys N2 Modbus RTU

FTT-10
LonWorks

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SPECIFICATIONS

Radio	IEEE 802.15.4, 2.4GHz
Approvals	FCC Part 15 and Industry Canada Contains FCC ID: OA3MRF24J0MA Contains IC: 7693A-24J40MA
Antenna	Internal, 360° pattern
Range	Data - 100 ft indoor in typical commercial office building
Power	24VAC/DC, removable terminal block
Configuration Ports	USB Type B – PC Interface USB Type A – Sensor Interface
BAS Network Port	Ethernet , RS-485, or FTT-10
Enclosure	ABS plastic, UL94-5VA rating, color – bone
Mounting	Wall mount or desktop
Dimensions	6.6" x 4.4" x 1.75"
Environment	-20°C to 50°C, indoor use only
Weight	0.5 lbs.

ORDERING INFORMATION

BACnet/IP	WSG-101-BACNET-IP
BACnet/Ethernet	WSG-101-BACNET-ETH
Modbus TCP	WSG-101-MODBUS-TCP
Ethernet/IP	WSG-101-ETHERNET-IP
SNMP	WSG-101-SNMP
BACnet/MSTP	WSG-101-BACNET-MSTP
Metasys N2	WSG-101-METASYS-N2
Modbus RTU	WSG-101-MODBUS-RTU
LonWorks	WSG-101-LON
USB-only	WSB-101-USB

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