



- « **Supports BACnet, Modbus, LonWorks, & more**
- « **Receives data from up to 100 wireless devices**
- « **Easy configuration**



Building Automation System (BAS) Gateway

The WSG-101 Wireless Gateway/Repeater connects Powercast's wireless sensor devices to the wired BAS network. The gateway receives data from up to 100 Lifetime Power® wireless sensor devices (WSN-1000 Series) and communicates to a BAS network through a wide range of industry standard protocols and physical interfaces. The repeater configuration provides extended range coverage to a primary or redundant wired gateway.

KEY FEATURES

- Supports up to 100 wireless devices
- Multiple BAS interface options
- Integrated antenna
- Redundancy and repeater 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
XML

RS-485

BACnet MS/TP
Metasys N2
Modbus RTU

FTT-10

LonWorks

SPECIFICATIONS

RADIO	IEEE 802.15.4, 2.4GHz
APPROVALS	FCC Part 15 and Industry Canada Contains FCC ID: OA3MRF24J4OMA 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
NETWORK PORTS	Ethernet, RS-485, or FTT-10
ENCLOSURE	ABS plastic, UL94-5VA rating, color - bone
MOUNTING	Wall mount or desktop, vertical, indoors
DIMENSIONS	6.6" x 4.4" x 1.75"
ENVIRONMENT	-20°C to 50°C, indoor use only
WEIGHT	0.53 lbs.
*WSG-101-SERIAL can be user-configured as a wireless repeater for extended range coverage	

ORDERING INFORMATION

PROTOCOL	PART #	INTERFACE
BACnet/IP	WSG-101-BACNET-IP	Ethernet
BACnet/Eth	WSG-101-BACNET-ETH	Ethernet
Modbus TCP	WSG-101-MODBUS-TCP	Ethernet
Ethernet/IP	WSG-101-ETHERNET-IP	Ethernet
SNMP	WSG-101-SNMP	Ethernet
XML	WSG-101-XML	Ethernet
BACnet/MSTP	WSG-101-BACNET-MSTP	RS-485
Metasys N2	WSG-101-METASYS-N2	RS-485
Modbus RTU	WSG-101-MODBUS-RTU	RS-485
LonWorks	WSG-101-LON	FTT-10
Serial	WSG-101-SERIAL*	USB



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