

SensiNet Services Gateway

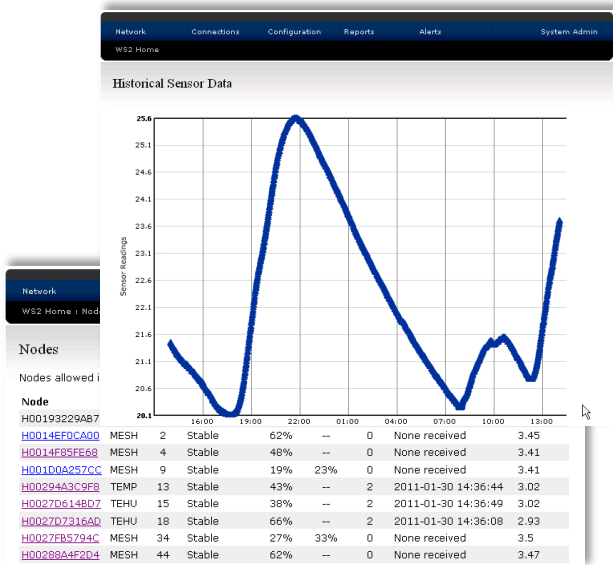
PRODUCT OVERVIEW

The SensiNet® Services Gateway is a powerful appliance based on the Intel® Atom™ processor and provides network management, user interface, data logging, trending, alarming and communications without any complicated software to install. A standard browser and network connection is all that's required to access and configure the system. The GWAY-2100 also operates as stand-alone data logger with real time views, trending and e-mail alerts. Up to 8 million records can be stored on board and the system will even automatically send sensor data in .CSV format to any URL via FTP.



Model: GWAY-2100 and BRDG-1222

SPECIFICATIONS



Radio Specifications - Bridge	
Radio	IEEE 802.15.4 compliant, 2.4 GHz DFSS
Regulatory	FCC Part 15 and CE Approval
Interface Connection	USB 3.0 for data and power (cable included)
Output Power	15 dBm
Range	<ul style="list-style-type: none"> Up to 700 ft/212m range (outdoor, line of sight) Up to 230 ft/70m range (typical indoor conditions)
Physical Specifications	
Power Options	<ul style="list-style-type: none"> 12 VDC , 35 Watt power AC/DC converter with international plug adapters included
Physical Dimensions	190mm x 116mm x 40mm
Physical Interfaces	RJ-45 10/100/1000 Ethernet USB 3.0
Data Storage	8 Million data points - Circular buffer
Operating temperature	0 C to 50 C (Fanless)
Operating humidity	Up to 100% non-condensing
Mounting	Desk (shown) and wall mount bracket included
Network Specifications	
Interfaces	<ul style="list-style-type: none"> ODBC OPC Modbus TCP SNMP SOAP CSV (Excel)
Max number of managed devices per gateway	200 devices
Data Posting	FTP, HTTP and HTTPS POST

SensiNet Network Benefits

Reliable- Mesh networking provides multiple acknowledged and error checked communication paths ensuring the message always gets through while spread spectrum , frequency hopping radio technology eliminates interference effects. The network is also self healing and able to recover from interruptions by seeking alternate paths.

Flexible- Move, add or eliminate sensors and the network reconfigures itself automatically.

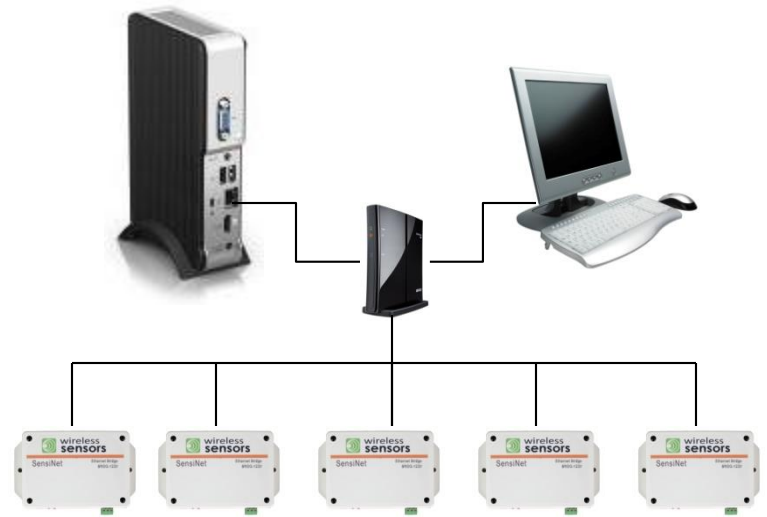
Universal- Multiple protocols including Modbus, OPC , SNMP, ODBC, and Web Services ensure system compatibility or operate the system as a stand alone data logging system with local or web based logging.

Scalable- The same network can start with a single point and grow to thousands without replacing any components or performance degradation.

SensiNet Services Gateway

PRODUCT OVERVIEW

The SensiNet® Services Gateway model 2105 makes the most of your existing network architecture by supporting up to 5 remotely mounted SenseNet bridges. Locate sensors around a building, across a campus or around the world with a single point of integration. The GWAY-2105 has all the protocol and network support as the GWAY-2100. Remote bridges even have the ability to support hardwired sensors if an application only requires a few measurement points. This mix and match approach provides unsurpassed flexibility. See the BRDG-1221 data sheet for bridge details.



Model: GWAY-2105 and BRDG-1221

