

SensiNet Services Gateway

PRODUCT OVERVIEW

The SensiNet® Services Gateway is a powerful appliance providing 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-1022 also operates as stand-alone data logger with real time views, trending and e-mail alerts.



Model: GWAY-1022



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.

SPECIFICATIONS

Radio Specifications	
Radio	IEEE 802.15.4 compliant, 2.4 GHz DFSS
Regulatory	FCC Part 15 and CE Approval
Antenna	Internal antenna
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"> 5 VDC - 7.5 VDC barrel connector (International AC/DC adapter included) 7.5V-30VDC or 12-24VAC input terminal
Physical Dimensions	7.5" x 4.5" x 2.7"
Physical Interfaces	RJ-45 10/100 BaseT Ethernet DB9 (RS232) Serial Connector
Memory	1 Mb
Operating temperature	-10° C to 50° C
Operating humidity	Up to 100% non-condensing
Packaging	ABS Box - IP30 rated
Network Specifications	
Interfaces	<ul style="list-style-type: none"> ODBC OPC Modbus TCP SNMP SOAP CSV (Excel)
Max number of managed devices per gateway	50 devices
Data Posting	FTP, HTTP and HTTPS POST