



## SensorStat Gateway/Coordinator



### BENEFITS

#### Reliable and Redundant Networking

The SensorStat gateway currently acts as a ZigBee® coordinator, replacing the SensorStat network coordinator.

The gateway is a requirement in a SensorStat wireless network. Each gateway acts as a ZigBee coordinator and establishes a wireless channel and PAN (personal area network) that groups of SensorStat products will join.

Using ZigBee mesh topology, the gateway and related SensorStat devices function on very low wireless power. Therefore, the SensorStat ZigBee network co-exists with many other 2.4 GHz devices and even WiFi in the same building.

#### Easy Configuration Provides Fast Installation

The gateway provides multiple interfaces for its settings configuration. Setup may be performed with a crossover network cable or WiFi using a built-in web server.

The gateway has a single RJ45 network port for connecting to existing network infrastructure. It can power directly from PoE 802.3at or power from optional 5V plug-in transformer power supply. This gives the freedom of locating the gateway in the best position to architect the ZigBee network.

#### Proven Solutions

Onity's energy efficiency products have been proven across hospitality, education, and military segments. The power and intelligence behind the gateway coordinator make it an ideal fit for a number of applications, scalable from small to large deployments. New opportunities for efficiency in HVAC can be uncovered with the wide array of support the gateway provides.

### FEATURES

- Creates a ZigBee personal area network
- Simple web configuration and reporting tools
- IP-enabled for easy management
- Replaces BT100303 - SensorStat Network Coordinator
- Easy installation and maintenance
- Communicates wirelessly with other SensorStat products to help provide optimum energy savings
- Graphical mesh view

# SPECIFICATIONS

## Part Number

BT100305	SENSORSTAT GATEWAY/ COORDINATOR
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## Dimensions

Height	3.875" (9.8 cm)
Width	6.125" (15.6 cm)
Depth	1.125" (2.9 cm)

## Power/Networking

Radio//Radio Band	ZigBee 2.4 GhZ 17dBm (50 mW)
IEEE Wireless Networking Standard	802-11 b/g/n
Wireless Networking Specification	IEEE 802.15.4
PoE Power	PoE 802.3at 13W type
Other Wireless Networking Options	LTE Cat M1 Bluetooth 4.0/BLE

## Internal Mesh Network Radio

Radio Range	Up to 300 ft. (100 m) based on environment
Coordinator Devices	Accommodates approximately 65 wireless devices

## I/O Connections

Ethernet	One 10/100 Port via J5 connector (IEEE 802.15.4)
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## Software Upgrades

Over the Air
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## Standards

FCC Certified
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