



SensorStat Wireless Thermostat



BENEFITS

The SensorStat wireless thermostat communicates wirelessly or is hardwired to the SensorStat controller using low voltage wiring. It includes an on-board occupancy sensor and provides access to software tools and resources that constantly monitor and control energy savings.

The SensorStat wireless thermostat features a modern design with backlights in blue, green and orange. The large LCD displays setpoint, room temperature and outdoor temperature.

SPECIFICATIONS

Part Number	
BT100106	THERMOSTAT, WIRELESS
System Requirements	
Power	Two AA Batteries, 3.3 V DC
Required Hardware	One or more SensorStat controller(s) to drive HVAC

Dimensions	
Height	4.0" (10.2 cm)
Width	6.0" (15.2 cm)
Depth	1.5" (3.8 cm)

Display	
Display Size	3" (7.62 cm)
Display Type	Liquid Crystal Display (LCD)

Customization	
Case Color	Any Pantone® color, including metallic finishes
Display Backlight	Blue or Orange
Soft Buttons	Select from °F/°C, Heat, Cool, Heat/Cool or Backlight

Occupancy Detection	
Type	Infrared (IR)
Range	See reverse

Operational Temperature	
Min	35°F (2°C)
Max	120°F (49°C)

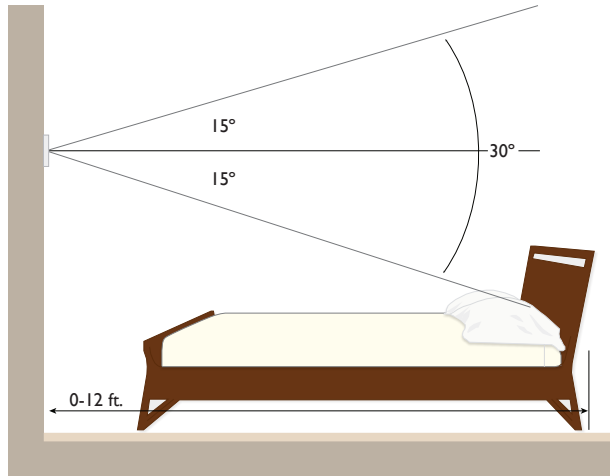
Operational Humidity	
Min	10% Relative Humidity
Max	90% Relative Humidity

Internal Humidity Sensor	
Min	10% Relative Humidity
Max	90% Relative Humidity
Accuracy	± 2%

Occupancy Detection

Motion Detection

0-12 ft. = Extreme Sensitivity Zone

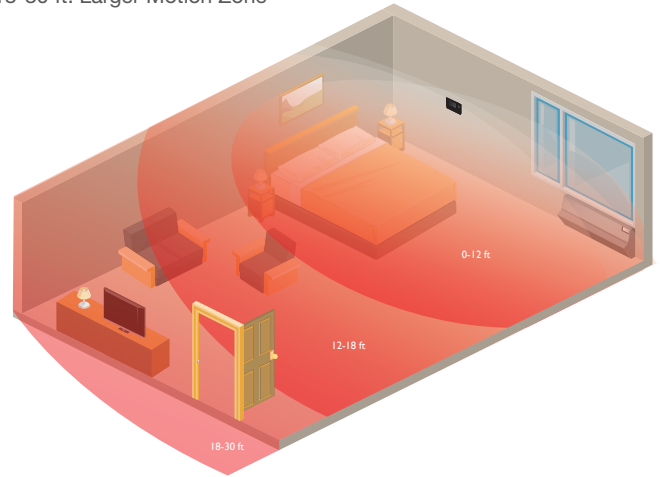


Occupancy Coverage Zone

0-12 ft. Extreme Sensitivity Zone

12-18 ft. Medium Zone

18-30 ft. Larger Motion Zone



Interconnectivity and Certifications

Internal Mesh Network Radio

Specification	ZigBee® IEEE 802.15.4
Radio Band	2.4 GHz ISM
Radio Power	1 mW (0dBm)
Radio Range	Up to 300 ft. (100 m) based on environment

I / O Connections

NTC Temperature Probe	1 Input
Dry Contact Input	2 Inputs

Firmware Upgrades

Options for manual or over the air upgrades

Optional Components

External NTC Temperature Probe

Min	-35°F (2°C)*
Max	370°F (187.78°C)*

*standard range; other range options are available

