



# Control 485

## Wireless Thermostat Controller



Specification Data	
Job Name	
Type	
Catalog #	
Comments	

**24VAC or 24VDC Powered**

## Product Overview

The Control 485 works in conjunction with other SimplySnap nodes and site controllers to provide automated functions and browser-based access to BACnet MSTP thermostats (Honeywell BACnet FF TB3026).

View current temp and humidity, set cool/heat setpoints and set fan modes from anywhere. Utilize Sense 4-20 sensors and schedules to automatically change setpoints to maximize efficiency, comfort and air quality.

Integrate with lighting controls and other energy monitoring solutions from Synapse to further gain control of your facility's infrastructure and eliminate waste.

## Features

- Range of 500 feet, line of sight
- RF Transmission Output Power of +20dBm
- Software-selectable RS-485/RS-422 interface for BACNET MS/TP and MODBUS RT protocols
- Secure AES128 Encryption
- Self-healing 2.4GHz SNAP Mesh Networking
- Seamless SimplySNAP Integration
- Secure, over-the-air upgrades to support future enhancements

Product #	Description
CONTROL-485-101	Wireless SimplySnap access for BACnet MS/TP and MODBUS RT devices.

## Specifications

<b>Dimensions</b>	7.8" L x 3.9" W x 2.8" H (200 x 100 x 70 mm)
<b>Input Power</b>	12-24VDC or 20-30VAC, 50-60Hz, 60 mA
<b>Operating Environment</b>	0C to +60C, 10 to 90% RH, non-condensing
<b>Serial Interface</b>	RS-485 or RS-422
<b>Serial</b>	9600, 19200, 38400, 76800, and 115200 baud rates
<b>Enclosure</b>	IP62 Rated
<b>Mounting</b>	Wall or I-Beam
<b>Radio</b>	SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity
<b>Radio Range</b>	Up to 500 feet, line of sight
<b>Certifications</b>	FCC, Class B; cULus, RoHS
<b>Warranty*</b>	1 Year

\*See [www.synapsewireless.com/warranty](http://www.synapsewireless.com/warranty) for warranty terms

To learn more, call or visit:  
[synapsewireless.com](http://synapsewireless.com)  
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