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Sensi™ Wi-Fi Programmable Thermostat
COMPATIBILITY GUIDE

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Smart Home Compatibility



SMART HOME, MEET SMART COMFORT

The Sensi thermostat is now compatible with the following smart home platforms:



Simply plug in and pair your Sensi Wi-Fi Programmable Thermostat to the platform of your choosing and seamlessly control all your home connected devices.



System Compatibility



IS MY HEATING AND COOLING SYSTEM COMPATIBLE WITH SENSI THERMOSTAT?

No other Wi-Fi thermostat works with more heating and cooling systems. Refer to the table below to determine if the Sensi Wi-Fi Programmable Thermostat is compatible with your existing system: If you know your existing thermostat wires, you can also use the [Sensi Compatibility Tool](#).

System Type	Is Sensi Thermostat Compatible?
Heating (up to four stages) and Cooling (up to two stages)	YES Sensi is designed to work on the following Heating and Cooling systems <ul style="list-style-type: none">• Gas, Oil, Electric, Forced Hot Air Systems• Heat Pumps (Air Source or Geothermal, Electric or Dual Fuel Gas / Electric*)• Hot Water Boilers• Radiant Heat Systems Up to 4 stages of Heating, and 2 stages of Cooling. Heat-Only, Cool-Only and Heat Pump systems require a c-wire (common wire) connection to work with Sensi. <p><small>* The Sensi thermostat provides automatic dual fuel control without an outdoor sensor. A fossil fuel kit may be added if user selectable balance point settings are desired.</small></p>
Heat Pump	YES*
Cool-only	YES*
Heat-only	YES*
Line Voltage or Electric Baseboard Heating	No
Millivolt Heating	No
Proprietary or Communicating	No

* Requires a c-wire.

[Learn more about c-wire and options](#)

Accessories



SENSI THERMOSTAT DOES NOT CONTROL THE FOLLOWING ACCESSORIES BUT IT CAN STILL WORK WITH THEM.

Humidifiers, Dehumidifiers

The Sensi Wi-Fi Programmable Thermostat does not control whole home humidifiers or dehumidifiers

Remote Sensors

The Sensi Wi-Fi Programmable Thermostat does not use or connect to remote sensors.



Home Wi-Fi Networks



THE SENSI THERMOSTAT IS COMPATIBLE WITH MOST HOME 2.4 GHZ WI-FI NETWORKS, AS LONG AS THEY MEET THE FOLLOWING REQUIREMENTS:

Compatible Network Types

- 802.11g
- 802.11b
- 802.11n

Security Types

- WPA2 AES (CCMP)*
- WPA TKIP
- WPA2/WPA Mixed Mode
- WEP (64 bit/128 bit)
- Open

*WPA2 with AES recommended. WPA2 security must use WPA2 Personal or Pre-Shared Key only. WPA2 Enterprise/802.1x is not currently supported.



Home Wi-Fi Networks



KNOWN INCOMPATIBLE ROUTERS OR ACCESS POINTS

Use of the following access points or routers with your Sensi thermostat may result in limited or no Wi-Fi connectivity. A firmware or hardware update may resolve the issue, but in some cases, the access point or router may be incompatible with Sensi thermostat. If you have an incompatible router, you may want to implement a different access point or contact your ISP provider and/or router manufacturer for additional assistance.

Manufacturer	Model	Notes
Actiontec	M142WR	Hardware Rev E and Rev I support (Legacy) PSP and should be compatible. Other hardware revisions do not support (Legacy) PSP and are not compatible.
ARRIS	TG1672G and TG1682	No known fixes at this time.
ASUS	RT-AC1200	No known fixes at this time.
Cisco	DPC 39xx (3939 or 3941)	Due to possible IEEE Power Save Polling issues, this router may not be compatible.
Mikrotik	Routerboard RB2011U series	No known fixes at this time.
Open Mesh	All Models	Due to possible IEEE Power Save Polling issues, this router may not be compatible.





The Mobile App & Web Browsers



THE SENSI MOBILE APP IS OPTIMIZED FOR THE FOLLOWING

- iPhones, iPads and iPod Touch with iOS 6.0 or later.
- Android smartphones and tablets with Android 4.0 (Ice Cream Sandwich) or later.

COMPATIBLE WEB BROWSERS FOR THE SENSI MOBILE APP INCLUDE

-  Internet Explorer v10.x and later
-  Google Chrome v24.x and later
-  Mozilla Firefox v18.x and later
-  Apple Safari v5.x and later

