

## Product Data



### **INFINITY™ REMOTE ACCESS**

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. The Infinity™ Zone Control System is the ultimate control center for all your system components. When you add an Infinity™ Zone Control to a compatible variable speed furnace, fan coil or small packaged product, you'll enjoy longer heating and cooling cycles at lower fan speeds for a more consistent temperature throughout your home. By adding an Infinity™ or Performance compatible outdoor unit, your benefits will increase even more. They include better humidity and temperature control as well as a more energy efficient comfort system.

Infinity™ Remote Access will add simplicity, convenience, and peace of mind to your comfort experience. Control systems with up to 8 zones of comfort from the Internet and/or telephone.

### **INDUSTRY LEADING FEATURES / BENEFITS**

Carrier's Infinity™ Remote Access uses state of the art technology to control Infinity™ systems via telephone and Internet. The system also offers enhanced peace of mind through telephone and email routine and urgent maintenance notifications.

- 3-wire installation into the Infinity™ System wire bus
- Internet access into your Infinity™ System
- Telephone access into your Infinity™ System
- Check your system status and change settings from anywhere
- Intuitive web navigation for non-technical customers
- Easy to program a schedule with day and week-at-a-glance programming
- Override your system schedule on the run
- Schedule a future vacation setting
- Emails and calls for routine maintenance reminders
- Emails and calls for urgent service reminders
- Dealer can diagnose a system problem remotely
- Optional Home Automation capabilities through an RS-232 port. Communicate information through an open ASCII protocol

# PRODUCT DATA INFORMATION

## Compatible Products

- SYSTXCCUID01-A
- SYSTXCCUIZ01-A
- 58MVB - 90% Furnace
- 58CVA - 80% Furnace
- FE - Fan Coil
- 50CE, 50CR, 48CE, 48XZ - 13 SEER SPP
- 50DU, 50DT, 48DU, 48DT - 14 SEER SPP

## Physical Characteristics

Dimensions: See drawing  
 Appearance: Plastic, white colored, textured

## Electrical Characteristics

Input Volts/Amps 24 vac.  
 The System Access Module has a three wire connection to the Infinity™ System wire bus. It is recommended that the following color code be used when wiring:  
 A - Green = Data A  
 B - Yellow = Data B  
 C - White = 24VAC (Com)  
 The SAM ships from the factory with a 110v to 24v transformer.

## Communication

The SAM communicates wireless messages through the Skytel network. Please verify Skytel coverage by going to [www.skytel.com](http://www.skytel.com). Check for 2-way paging coverage.  
 Each SAM has a specific serial number and pin number. These numbers identify a profiled Infinity™ system when logging into [www.myinfinity.carrier.com](http://www.myinfinity.carrier.com) for the first time. See Fig. 1 for number location.

## Wiring Requirements

**Power supply:** Dedicated 110V wall plug-in transformer provided with SAM. This is wired into 24vac+ and 24vac- terminals on the SAM communication 3 wire connection (ABC) connected to any other ABC(D) terminal on the Infinity™ System.  
**Wiring material:** Standard thermostat wire 18 to 20 AWG.

## Environmental Requirements

**Operating Temperature/Relative Humidity:**  
 System Access Module: 32°F to 104°F, 95% rh non-condensing  
**Storage Temperature**  
 System Access Module: -40°F to 134°F, 95% rh non-condensing

## Applications:

Allows Internet and telephone access for your Infinity System.

RS-232 port used for Home Automation integration.

## Program Specifications:

- Internet access into your Infinity™ System
- Telephone access into your Infinity™ System
- Check your system status and change settings from anywhere
- Intuitive web navigation for non-technical customers
- Easy to program a schedule with day- and week-at-a-glance programming
- Override your system schedule on the run
- Schedule a future vacation setting
- Emails and calls for routine maintenance reminders
- Emails and calls for urgent service reminders
- Dealer can diagnose a system problem remotely
- One SAM can handle up to two Infinity™ Systems
- Optional Home Automation capabilities through an RS-232 port. Communicate information through an open ASCII protocol

## EQUIPMENT

DESCRIPTION	ODS ORDER NUMBER
System Access Module	SYSTXCCSAM01

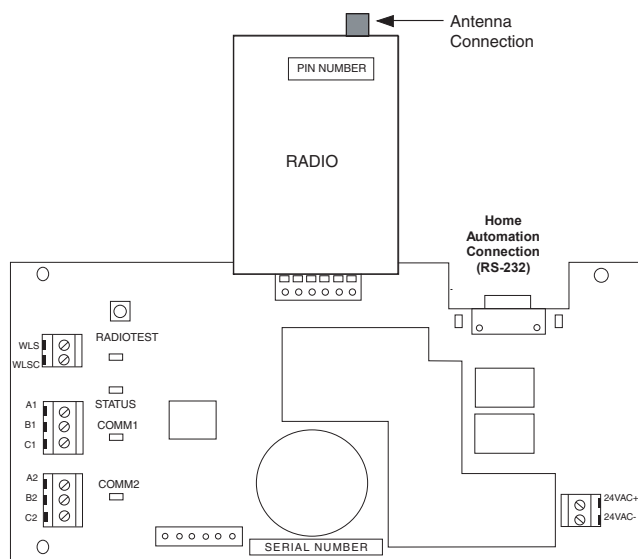


Fig. 1 - System Access Module Control Board

SYSTXCCSAM01