SYSTXCCSAM01
Infinity® Remote Access

Carrier
turn to the experts®

Product Data

A06220

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.

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.

INDUSTRY LEADING
FEATURES / BENEFITS

Carrier's Infinity Remote Access uses state of the art technology to control Infinity Systems via 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

— 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

MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12
S	Y	S	T	X	C	C	S	A	M	0	1

Product Type
SYSTX = Infinity System

Brand
CC = Carrier

Packaged Quantity
01

Model Type
SAM = System Access Module

INFINITY ZONE CONTROL

2 ¼"
57 mm

8 ½"
216 mm

12"
305 mm
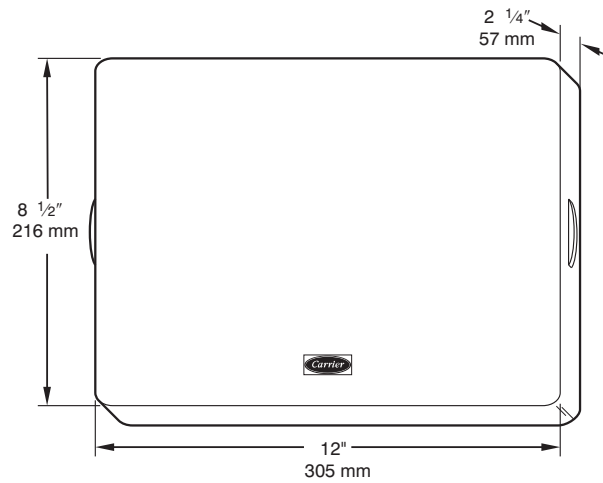
A07285

PRODUCT DATA INFORMATION

Compatible Products

SYSTXCCUID01-B Ver. 14 or higher

SYSTXCCUIZ01-B Ver. 14 or higher

Physical Characteristics

Dimensions: See drawing

Appearance: Plastic, white colored, textured

Electrical Characteristics

Input Volts 24VAC

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)

A 24VAC transformer is required to power the WiFi B-SAM and is available to order through RCD (SYSTXNNXFM01).

Communication

The SAM communicates wireless messages through the Skytel network. Please verify Skytel coverage by going to 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 for the first time. See Fig. 1 for number location.

Wiring Requirements

Power supply: Dedicated 110V wall plug-in transformer, available separately. 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 access for your Infinity System.

RS-232 port used for Home Automation integration.

Program Specifications:

- Internet 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	ORDERING NUMBER
System Access Module	SYSTXCCSAM01

Antenna
Connection

PIN NUMBER

RADIO

**Home
Automation
Connection
(RS-232)**

WLS
WLSC
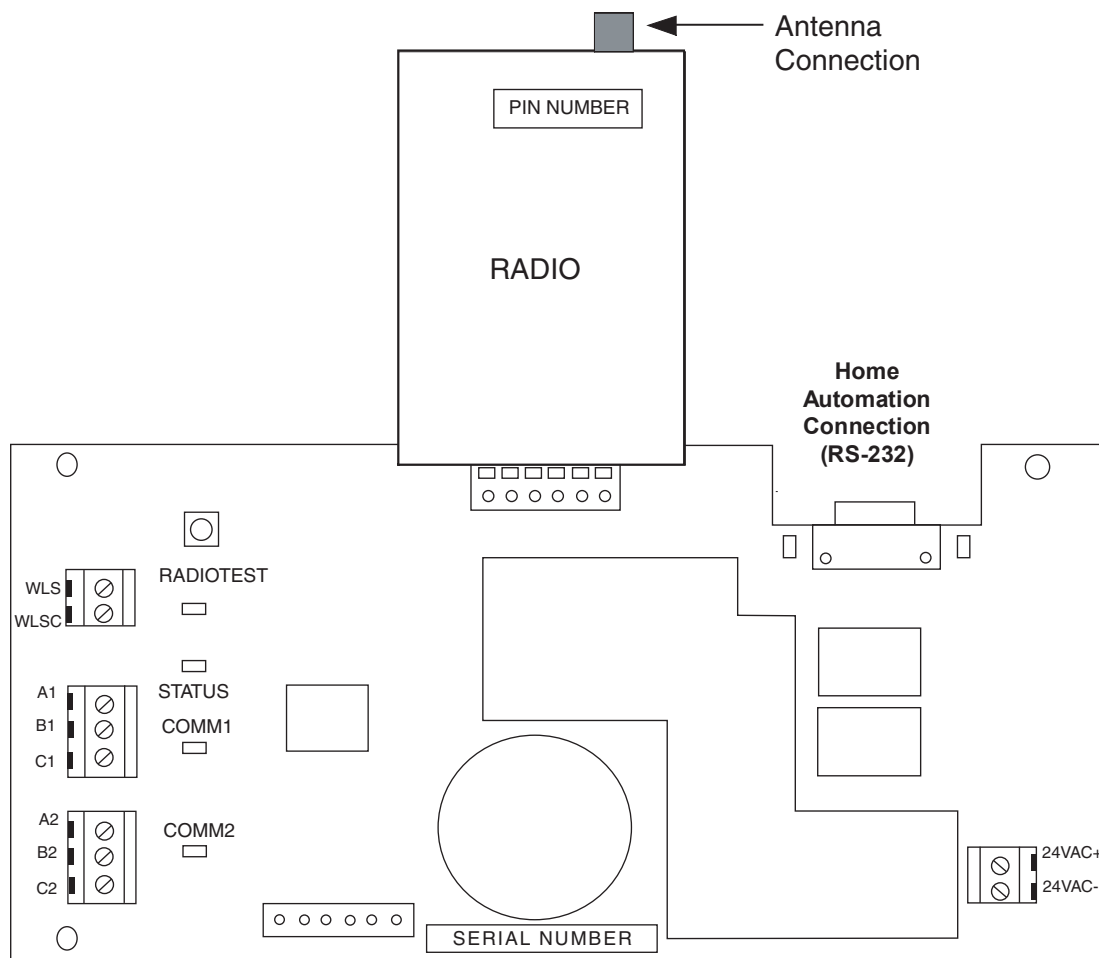
RADIOTEST

A1
B1
C1

STATUS

COMM1

A2
B2
C2

COMM2

24VAC+
24VAC−

SERIAL NUMBER

A06222

Fig. 1 – System Access Module Control Board