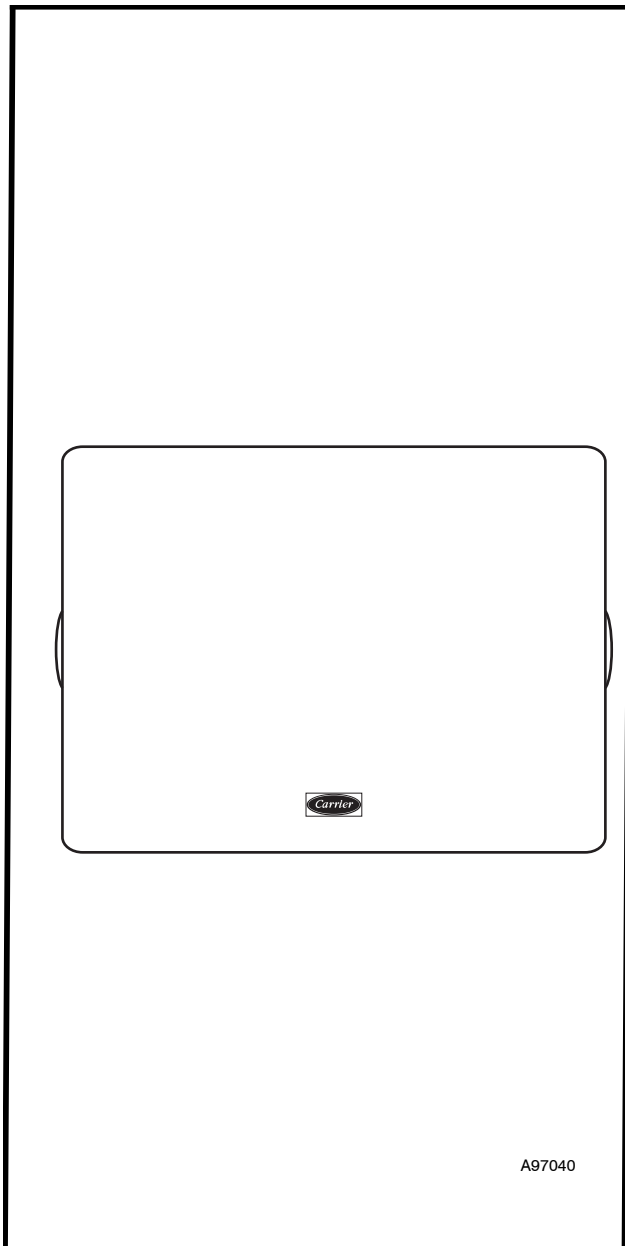




## Product Data



### INFINITY™ REMOTE ACCESS MODULE

Carrier® Corporation specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. The Infinity™ System CAT-5 Broadband Remote Access Module (CAT-5 B-SAM), model number SYSTXCCRCT01, adds further convenience, ease of use, and peace of mind to the power of the Infinity Control for the owner of this leading residential/light commercial HVAC system.

The CAT-5 B-SAM allows the user to access a system with up to 8 zones of comfort\* via the Internet from a remote location outside the home, at any time. The user will be able to both monitor and modify settings through the Internet that will immediately be reflected in the home, alongside check outdoor temperature (when sensor is installed) and indoor humidity. The CAT-5 B-SAM requires use of a Category-5 cable to connect between the module and the high-speed/broadband Internet router.

\* Zoned applications require Infinity Zone Control, p/n: SYSTXCCUIZ01-B with version 14 operating system, or higher.

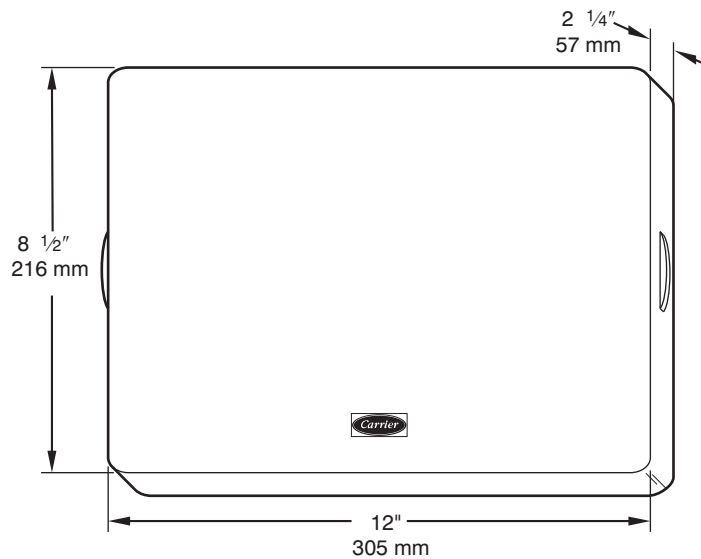
### INDUSTRY LEADING FEATURES / BENEFITS

CAT-5 B-SAM 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

## MODEL NUMBER NOMENCLATURE

SYSTX	CC	RCT	01
Product Type	Brand	Connection	Version
Infinity System	Carrier	CAT5 (Wired) Broadband	Numeric



A07285

## PRODUCT DATA INFORMATION

### Computer Requirements

The CAT-5 B-SAM uses a web-based application to control and monitor the Infinity System. This application will work with any PC operating system (Microsoft, Apple, Linux). The web-based application is optimized for use with Microsoft's Internet Explorer version 6 and above. Other web browsers are compatible with some possible screen formatting issues.

### Compatible Products

Requires -B Series User Interface SYSTXCCUID01-B (version 14 software or higher) or -B Series User Interface SYSTXCCUIZ01-B (version 14 software or higher)

Air Conditioning units - Any

Heat Pumps - Any

Gas Furnace - Any Carrier variable speed furnace

Fan Coils - FE

Small Packaged Products - Any Infinity capable Small Packaged Unit

### Physical Characteristics

Dimensions: See drawing

Appearance: Plastic, white colored, textured

### Electrical Characteristics

Input Volts/Amps 24 VAC.

The CAT-5 B-SAM 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 CAT-5 B-SAM ships from the factory with a 110v to 24v transformer.

## Communication

CAT-5 B-SAM communicates to servers at Carrier through the homeowner's internet service provider. The CAT-5 B-SAM is connected to the homeowner's router through a CAT-5 cable connection.

Each CAT-5 B-SAM has a specific serial number and MAC address. 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 CAT-5 B-SAM. This is wired into 24VAC+ and 24VAC- terminals on the CAT-5 B-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:

CAT-5 B-SAM: 32°F / 0°C to 104°F / 40°C, 95% rh non-condensing

### Storage Temperature

CAT-5 B-SAM: -40°F / -40°C to 134°F / 57°C, 95% rh non-condensing

### Applications:

Allows Internet and telephone access for your Infinity System.

RS-232 port used for Home Automation integration.

## Features and Benefits:

- 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 CAT-5 B-SAM can handle up to two Infinity Systems
- Optional Home Automation capabilities through an RS-232 port. Communicate information through an open ASCII protocol

SYSTXCCRCT01

## EQUIPMENT

DESCRIPTION	SAP ORDER NUMBER
Remote Access Module CAT-5 Connection	SYSTXCCRCT01

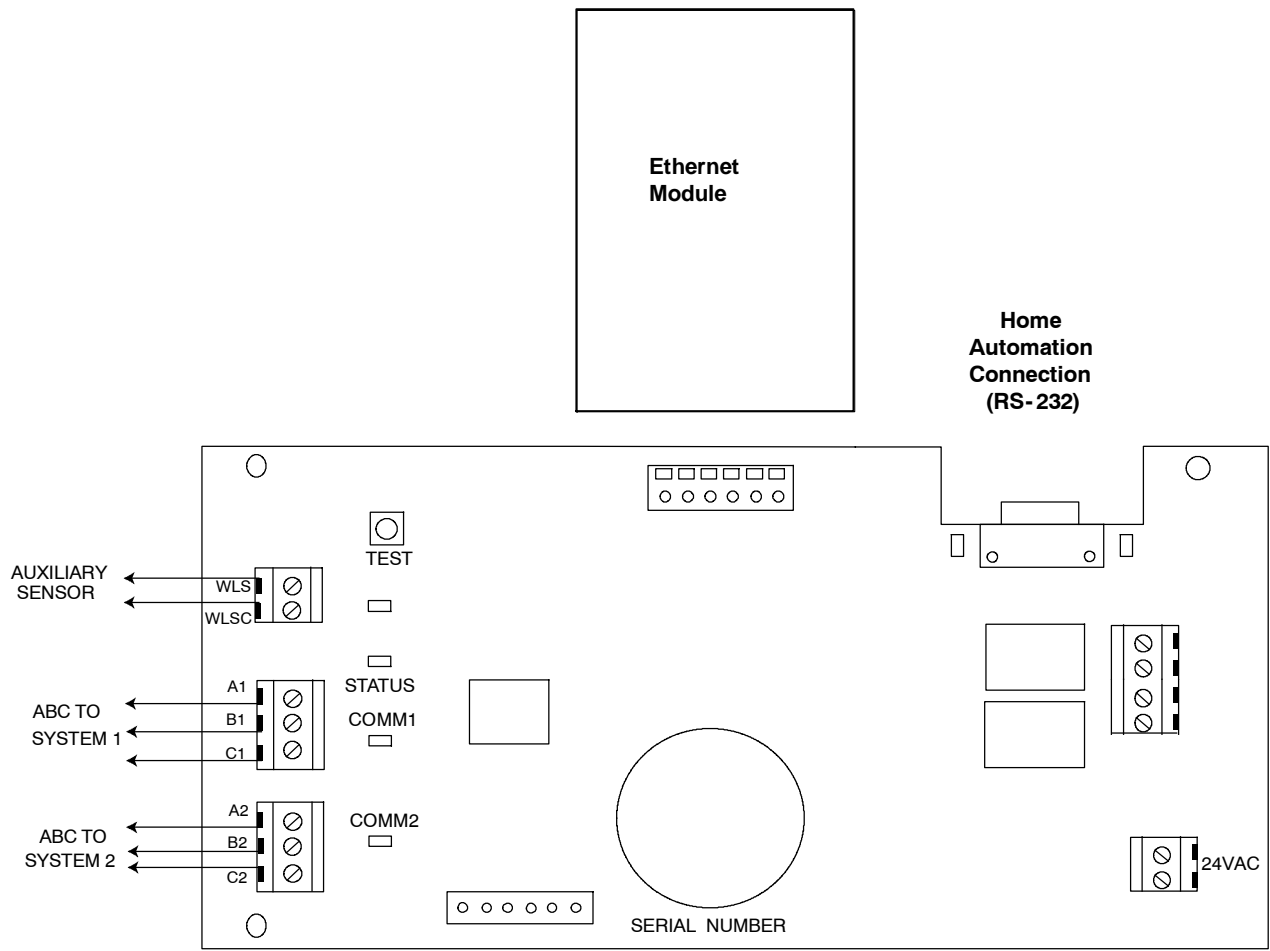


Fig. 1 - CAT-5 Module Control Board

A06512