

Sentex INFINITY SERIES

The Infinity Systems combine the convenience of telephone entry with the flexibility of access control for a simple, affordable, and yet extremely powerful system. The Infinity Systems are designed with an extensive feature set, maximum reliability and convenient expandability to meet today's needs and tomorrow's growth. Say goodbye to multiple systems and old-style directories, and say hello to the industry standard, the Infinity by SENTEX SYSTEMS.

Whether using a single name per page with quick name search, like the Infinity "S" or "M", or the industry favorite, Infinity "L" with 24 names per page, the user will locate the prospective name in seconds. The electronic LCD displays are easily viewed in direct sunlight and total darkness since each has oversized letters, a very high contrast ratio, and a bright back light. Where applications do not call for an electronic display, we offer a paper directory insert that has all the features of the Infinity without the LCD display. And when additional doors or gates need to be controlled without the telephone entry needs, the Infinity "B" is utilized as a standard access control panel.

Infinity systems allow for the entire 2000 name directory to be scrolled in less than 10 seconds. Locating the individual is easy since names are automatically placed in alphabetical order as they are entered. The names and phone numbers can be entered through a lightweight and compact handheld programmer, the panels keypad, or the Windows 95/98 based software which allows direct communications through a standard phone line to the Infinity's built-in modem. Whichever method you select, guided prompts ensure programming time is kept to a minimum.



Infinity L

Each Infinity control panel can support card and code access for two doors or gates. An Infinity can be networked with other Infinity panels allowing support of up to 32 card readers for securing other access control entrances, such as a lobby door or vehicle entrance. Perfect for any size office building or gated community.

As with all our Telephone Entry Systems, the Infinity also boasts a multitude of features that makes the installation quick, operation simple, and management effortless. If you want a rugged, yet attractive, telephone entry and access control system than the Infinity is the clear choice.

Sentex Systems has continued to exceed our customers' expectations through quality products, expert innovation, premium value and superior service. Having recently merged with Link Controls of New York and AccessMaster of Wisconsin (formerly Moore-O-Matic), now the Sentex name means even more to you.

The Infinity "S" (small display) contains a 2-line 16 character LCD display. The top line lists the intended party's name and the bottom line the directory code to enter. Once entered, the Infinity will check the programmed memory for the corresponding phone number and initiate the call. Once the call is answered, the resident presses the "9" key (or 5) to authorize access, or can hang up to deny the request. The Infinity "M" (medium display) is identical to the "S" except the LCD display supports 2 lines with 20 oversized characters in length.

The Infinity "L" (large display) boasts a patented LCD display allowing 24 names per page with 13 characters each, or 12 names using 35 characters. Regardless of the selected format, the names are easy to view because of the oversized characters and a very bright backlight.

When a paper directory already exists or is all that is needed, the Infinity DI (directory insert) includes all the features and capacities of the Infinity systems but without the LCD display.



Infinity M

The Infinity "B" can be integrated with other Infinity Telephone Entry Systems or installed separately to control all your access needs. The "B" panel has an optional LCD display internal to the enclosure for local programming.

All units, except the "B", include a stainless steel faceplate. The "B" panel offers it as an option. With a stainless steel faceplate, your unit can be installed inside or outside because the faceplate is engineered to withstand harsh weather conditions and vandalism. Regardless of the unit chosen, all features and functions are identical.

If an entry point has been forced open or the door held open beyond a pre-determined length of time, the panel can be configured to initiate an alarm call to a central station. Other enhanced features included in the Infinity Systems are time zone control for cardholder and access code usage, automatic gate or door lock/unlock cycles, access code restriction by number of uses, elevator control, and CCTV.



Infinity S

Access Levels

Allows entry codes or cardholders to be grouped by access points and time zones, using full control. The system supports unlimited levels to control access.

Time Zones

With full control, up to 8 time zones, 7 with 3 start and stop intervals each, are used for system functionality, such as automatic door/gate unlock or restricted personnel access.

Anti-Passback

Anti-passback prevents the possibility of an access code or card from being used by a second person at the same door. Two types of anti-passback are available: Timed and True. "Timed" waits for a pre-programmed period of time and "True" forces the user to use an exit reader before entering again.

Auto-Expiration Date

A visitor's card or entry code can be configured, using SPS WIN, with an expiration date that automatically disables the user from any future access based on that date.

Use-Limited Codes

Using SPS WIN, card or entry codes can be automatically disabled after a pre-determined amount of valid entries.

Burglar Alarm Shunt

A relay can be configured to trigger when an access request has been authorized. The relay is wired directly to the externally monitored burglar alarm panel.

Full-Duplex Communications

Provides crisp clear audio in both directions without clipping, even in most noisy environments.

Entry Codes

Each resident can be assigned a 4 or 5 digit access code that is used to unlock the gate or door.

Long Distance and PBX Dialing

Due to the amount of area codes in a single region, many areas are updating from a 7 digit dialing sequence to 10 and 11 digit sequences. The Infinity supports up to 11 digits on a typical phone system and interfaces seamlessly to a PBX system where extensions are utilized. Up to a 6-digit extension can be used for PBX type systems.

Tone/Pulse Dialing

Each system can be site configured to operate on the two types of available phone lines.

Variable Code Length

The Infinity will accept up to a 5-digit directory code length so apartments or suite numbers can be matched making it easier to locate the intended party.

Programmable Talk Time

The time allotted for a visitor and tenant to talk is adjustable from 15 to 250 seconds.

Shared Phone Line Capability

Multiple Infinity panels can be connected to a single telephone line saving you the cost of additional phone line charges. Up to 3 units may be placed on the same line.

Controllable System Relays

Allows the main gate and an auxiliary connection (a second gate or door) to be controlled, such as opened to let a visitor enter. The relays can be remotely managed from a manager's touch-tone phone and can be latched open or closed.

Programmable Relay Times

The two relays can also be programmed to activate for a pre-determined time range of 1 to 63 seconds.

Internal Modem

Provides the ability to program the telephone entry system via a personal computer from any remote location with a standard phone line. This provides a more convenient method of managing the system.

Lightning Protection

Physical inputs and telephone line connections contain some protection against typical voltage spikes, such as phone line variances and lightning. However, in an area where lightning is prevalent, external surge suppressors should also be used to minimize any power hits to the unit.

Non-Volatile Memory

In the event power is removed from the unit, the database information will be retained in memory allowing immediate start-up and operation when power is restored.

Postal Lock Provision

The Infinity is provided with a switch for a generic Postal Lock Key assembly to allow postal carriers access to a controlled area using the U.S. Postal Service Key.

Infinity Series

OPTIONS

Multi-Link

Allows up to 16 Infinity panels to be networked together for ease of programming. All panels communicate via the "master" unit. All database information is forwarded through the "master" to the "slave" panels.

Commercial Building Directory

For installations where the directory names will exceed 13 characters, the Infinity "L" can be ordered to support 12 lines of 35 characters each.

Battery Backup

For clock and event record memory during power outages.

Full Controls

Allows the system to utilize the full capability of all access control options. Thus, enabling you the full control on the Infinity system.

CCTV Camera

For an extra level of security, the Infinity "L" supports a CCTV camera that displays live video directly to your television or monitor.

No Phone Bill Interface

Allows the Infinity to operate without using an outside telephone line. Hence, there are no phone call charges or monthly service fees. It also allows a telephone connection to a resident who does not have telephone service.

Anti-Glare

The basic Infinity includes a brightly-lit LCD display. But in some installations, direct sunlight can minimize the visitor viewing. In this type of application, an anti-glare package should be installed to prevent the direct exposure.

Directory Module

Each additional module is supplied in a lighted, stainless steel enclosure with a Lexan window and capacity for 125 typewritten names and codes.

FEATURES/OPTIONS

Access Control
 Alarm Call Out
 Anti-Passback
 Automatic Unlock Schedules
 Cardholder/Access Code Deactivation by Date or Usage
 Controllable System Relays
 Door Held Open/Forced Door Alarms
 Elevator Control
 Extra Name Capacity
 Full Duplex Communications
 Full Entry Codes
 Handset or Handsfree Operation
 Holiday Programming
 Internal Modem
 Lightning Protection
 Long Distance and PBX Dialing
 Multiple Panels on a Single Phone Line
 Password Protection
 Postal Lock Provision
 Programmable Relay Times
 Programmable Talk Time
 Non-Volatile Memory
 Real-Time Printing
 Speaker Volume Control
 Time Zone Control
 Variable Directory Code Lengths
 Visitor Control
 365 Day Clock/Calendar
 32 Card/Keypad Readers

Infinity S & M

Directory Codes:	20	(expandable to 2,000)
Full Entry Codes: (w/ names)	125	(expandable to 3,750)
	(w/o names) 500	(expandable to 16,000)
Event Buffer:	1,200	(expandable to 5,800)
Dimensions:	16.0" H x 11 ³ / ₄ " W x 3 ¹ / ₄ " D (surface mount)	
	16 ⁷ / ₁₆ " H x 12 ¹ / ₄ " W x 2 ¹ / ₄ " D (flush mount)	
Power:	12VAC @ 3.4 amps peak 13.5VDC @ 1.2 amps (without readers)	
Warranty:	One Year (extended warranty available)	

Infinity L & DI

Directory Codes:	115	(expandable to 2,000)
Full Entry Codes: (w/ names)	125	(expandable to 3,750)
	(w/o names) 500	(expandable to 16,000)
Event Buffer:	1,200	(expandable to 5,800)
Dimensions:	21.0" H x 16 ⁷ / ₁₆ " W x 4 ¹ / ₄ " D (surface mount)	
	21 ¹ / ₄ " H x 16 ³ / ₄ " W x 3 ³ / ₁₆ " D (flush mount)	
Power:	12VAC @ 3.4 amps peak 13.5VDC @ 2.1 amps (without readers)	
Warranty:	One Year (extended warranty available)	

Infinity B

Full Entry Codes: (w/ names)	500	(expandable to 4,000)
	(w/o names) 2,500	(expandable to 20,000)
Event Buffer:	1,200	(expandable to 5,800)
Dimensions:	23.0" H x 14.0" W x 2 ³ / ₄ " D (surface mount)	
Power:	12VAC @ 3.4 amps peak 13.5VDC @ 1.0 amps (without readers)	
Warranty:	One Year (extended warranty available)	

05/00

