

Prox-in-a-Box™

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*the expandable proximity
access control system*

Affordable 4-door controller
No PC required
Expandable up to 4 controllers for
16 doors
4 programmable inputs per door
3,000 cards and 1,000 events
capacity
2 programmable auxiliary relay
outputs



 **VisAccess**

Prox-in-a-Box™

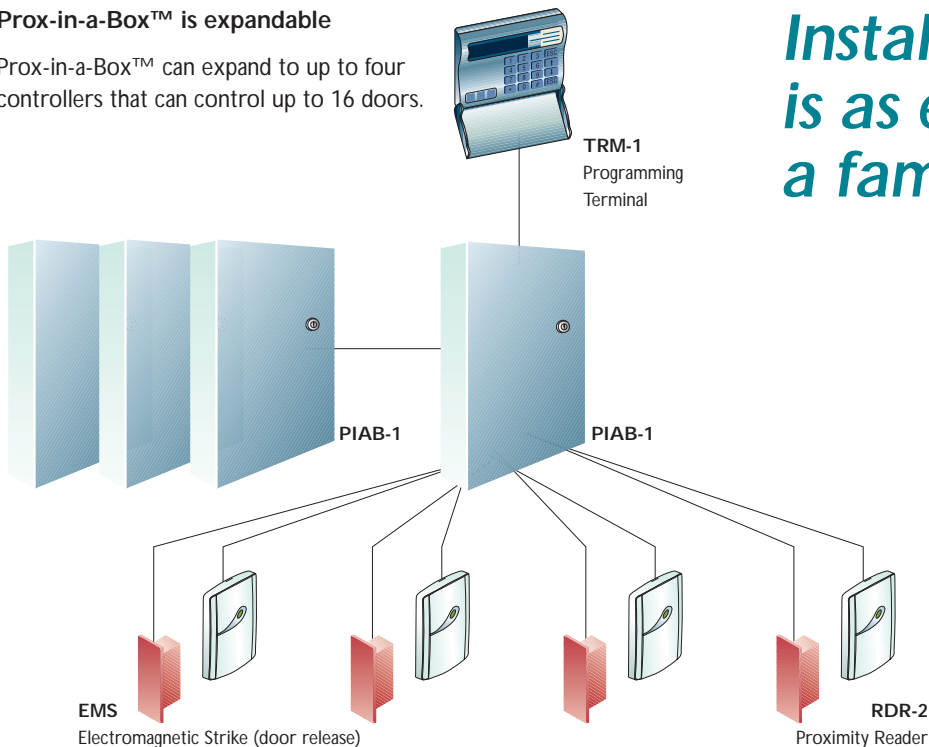
Prox-in-a-Box™

*the expandable proximity
access control system*

Prox-in-a-Box™ is the ideal proximity access control system for nearly every type of business. Right out of the package, VisAccess Ltd's Prox-in-a-Box™ is easy to install, program and operate. No PC is required to install or operate the system's standard four-door controller. The system has been specifically designed to provide the highest level of functionality and ease of installation without the complexity or cost associated with many access control systems on the market today. The two proximity readers and 25 ultra-thin, durable proximity ISO cards included in the starter kit help you create the kind of access control solution you want.

Prox-in-a-Box™ is expandable

Prox-in-a-Box™ can expand to up to four controllers that can control up to 16 doors.



*Installing Prox-in-a-Box™
is as easy as installing
a familiar alarm system*

Setup has never been easier

Because Prox-in-a-Box™ is keypad-based, first-time installers and seasoned professionals alike will appreciate the simple and familiar menu-driven LCD keypad interface for use by both the programmer and the user.

The Prox-in-a-Box™ keypad is not just an easy way to program the system, modify keys and create reports; it also saves installation time and equipment cost of a dedicated PC, which many other systems require.

Prox-in-a-Box™-The economical solution

Four-door control is the standard with VisAccess Ltd's Prox-in-a-Box™. Consider the savings: The Prox-in-a-Box™ four-door controller is competitively priced against most available two-door controllers. To move from two to four doors, simply add two readers on to the existing system. This will save the user labor costs and precious space, by reducing the number of installed panels by half. Prox-in-a-Box™ provides an independent power supply for each door position, reducing the need to purchase additional power supplies for each door. Prox-in-a-Box™ can control up to 16 doors.

The system's readers are based on advanced RFID technology. Prox-in-a-Box™ has a memory of up to 3,000 proximity cards and up to 1,000 events.

Each user is assigned a unique, encoded proximity ISO card. A single card can be conveniently programmed to open any combination of doors on the system. Because each card is unique, it cannot be duplicated. If a card is lost or stolen, it can be easily deleted from the system.

Count on Prox-in-a-Box™ for practical, cost effective, expandable proximity access control



Prox-in-a-Box™ scheduling options

Not every door needs to be opened at all hours or by everyone who has a card. Prox-in-a-Box™ contains a real-time clock that operates and logs up to eight time schedules, including holiday schedules. These schedules can limit access to selected doors at certain hours or to certain card-holders.

Prox-in-a-Box™ has the features you need

All programmable features can be easily accessed via the backlit LCD keypad. There are five programming menus that cover everything you need to do with the Prox-in-a-Box™ system: add and delete keys, create reports, system programming, setting password protection levels and communicating data. Various levels of programming can be accessed depending upon the authorization level. The user can have full system access as a system administrator, limited access as a system programmer or report-only authorization as a system operator.

The programmer can define up to eight regular schedules and four holiday schedules for individuals or groups of cardholders that permit access to any or all doors in the system on particular days and hours.

Prox-in-a-Box™ allows up to four programmable inputs per reader: door position, request-to-exit, plus two auxiliary inputs. All inputs are EOL supervised. If a wire is damaged or cut, the unit will indicate a trouble event. Prox-in-a-Box™ has two programmable auxiliary relay outputs, that make it possible to activate one or both of them during certain events.



How does Prox-in-a-Box™ work?

The Prox-in-a-Box™ controller is fitted into a wall-mounted metal cabinet. The LCD keypad can be mounted near the controller or in a remote location. The controller unit controls up to four readers, each of which provides access to one door. When a cardholder presents a valid card in front of a reader, the electromagnetic strike (EMS), or electromagnetic lock (EML), is released. Prox-in-a-Box™ can be easily connected to an alarm system for added benefit. Triggering inputs within the system can activate an alarm. These inputs may be triggered by several programmable events. If there is an attempt to pass an invalid card, if a door is forced open or if someone presses a panic button, an alarm event can be triggered. All logged events can be printed on demand or in real time on a serial printer connected to the main controller or to a computer running a standard communications program.

Prox-in-a-Box™ has all of the features associated with large, complex systems at a fraction of the cost.

Prox-in-a-Box™ Specifications

The Prox-in-a-Box™ starter kit includes:

- PIAB-1 4-door controller
- TRM-1 LCD keypad
- RDR-2 2 proximity readers
- CRD-25 25 proximity cards
- Transformer
- Heavy-duty metal enclosure
- Programming guide and installation instructions



About VisAccess

VisAccess Ltd., a member of the Visonic Group, develops and produces access control products for the commercial market, using mainly RFID technology. VisAccess products are branded under the VisAccess and other OEM names. The professional expertise of Visonic Ltd, a leading company in quality security systems and components for more than 25 years, and the practical experience of VisAccess engineers and employees merge to create top-of-the-line access control products and systems.

Power input:	14-16V AC
Max current consumption:	3A
Operating temperature:	0°C to 50°C (32°F to 122°F)
PIAB-1 CONTROL UNIT	
Memory capacity:	3,000 access card codes, 1,000 events
Inputs (x 4 doors):	Request-to-exit, supervised Door position, supervised 2 programmable inputs, supervised
Outputs (NO/NC dry contact, 8A/30V AC/DC):	4 lock relays 2 auxiliary relays
Dimensions (L x W x D):	459 x 382 x 102 mm (18 x 15 x 4 in)
Weight:	4.5 kg (10 lb)
Color:	White
TRM-1 PROGRAMMING TERMINAL	
Dimensions (L x W x D):	159 x 112 x 30 mm (6 1/4 x 4 3/8 x 1 3/8 in)
Weight:	253 g (8.9 oz)
Color:	White
RDR-2 EXTERNAL READER	
Format:	Wiegand serial communication
Indicators:	Tricolor LED (green, red and amber)
Dimensions (L x W x D):	116 x 70 x 16.8 mm (4-1/2 x 2-3/4 x 5/8 in)
Operating temperature:	-20°C - 50°C (-4°F - 122°F)
Weight:	121.5 g (4.3 oz)
Cable (to PIAB control unit) maximum length:	100 m (320 ft)
Color:	Dark gray
CRD-1 PROXIMITY CARD	
Dimensions (L x W x D):	(3-5/16 x 2-1/8 x 1/32 in) ISO standard
Weight:	2.5 g (0.1 oz)
Color:	White
CRD-25:	Package of twenty-five CRD-1 proximity cards

VisAccess offers several access control products:

- VXS-5** - The perfect proximity access control system for small installations.
- VXS-10** - Single-door proximity access control system, with a 300-key memory.
- VXS-100** - 2-door networkable system, with a 5,000-key, 1,000-event memory.
- SESAM** - A Windows NT®-based software program, for the management of large installations of the VXS-100.

VisAccess

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