ioPass
Stand-Alone Door Controller

Features That Make a Difference:

- Simple and convenient

- Save up to 8 configurations (door access schedule, door unlock schedules, etc.) on a USB to load on other ioPass SA-550 units

- Use card, PIN or both

- Program controller from the keypad

- Integrates with an optional external ioProx reader

- Store up to 1,000 users

- Audit trail on last 3,500 transactions with time stamp

- 6 language selectable user interface: English, French, Spanish, German, Dutch and Italian

- Program 24 recurring holidays (January 1 and December 25 pre-set) per controller

- 24 non-recurring holidays per controller

- 4 door access schedules and 1 door unlock schedule per controller

Stands Alone In The Field

Perfect for smaller applications such as convenience stores, storage rooms or parking lots, the SA-550 is a fully self-contained stand-alone controller with an integrated ioProx 26-bit Wiegand proximity card reader. It can store up to 1,000 users and is programmed directly from the keypad. The controller can define access levels, unlock schedules and holidays. Audit trail with time stamp is also available for up to 3,500 transactions. All commands are displayed on the 16-character, 2-line LCD.

Upload, Download And Backup

The door configuration, card database and events can be downloaded to a USB key for backup. The SA-550 controllers can support up to 8 different door configurations (door access schedules, door unlock schedules, etc.). The door configuration data can be transferred to any number of SA-550 controllers via a USB key.

Optional External Reader

For added convenience and security, the SA-550 may be integrated with an external ioProx reader. This will allow the controller to remain on the secure side of door. Or it allows the weather-resistant external reader to be used outside, even in cold environments.

Invalid Password Lockout

To prevent unauthorized persons from gaining password entry by trial and error the system activates an alarm relay and/or automatically deletes the card number after five tries once the option is selected in the system.

Door Relay Module

The ioPass relay module is separate from the unit and can be concealed inside a wall or ceiling.
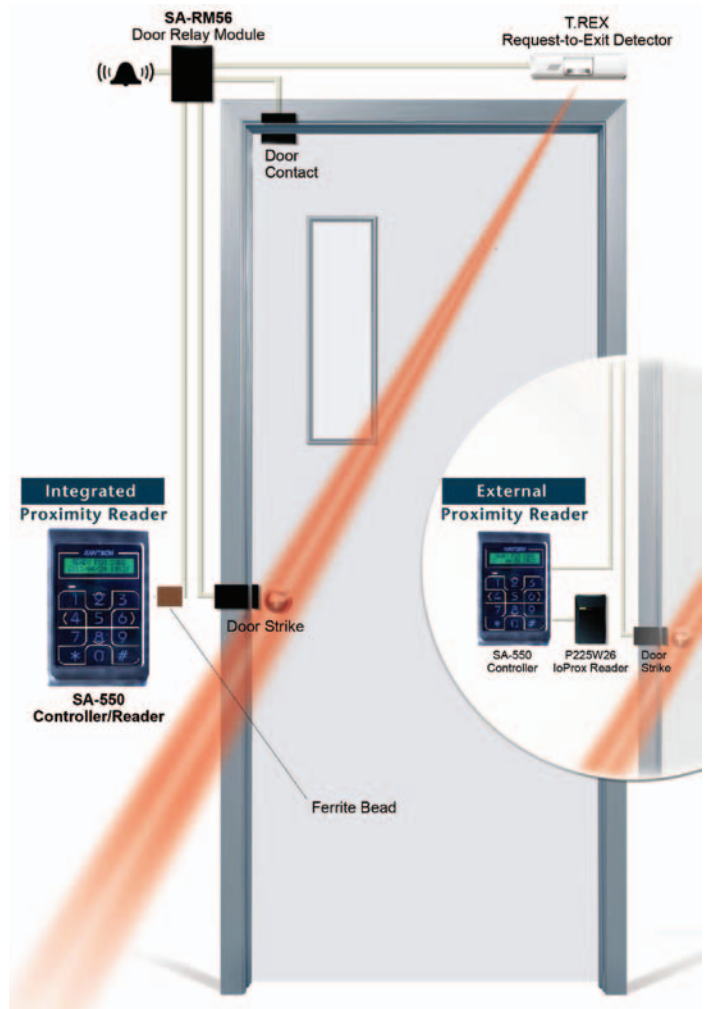
Specifications

Typical Read Range . . . . Up to 10 cm (4 in)
Input Voltage . . . . 12 VDC
Current DC Maximum 300mA
Display . . . . 16 characters, 2 lines,
    LCD with backlight
Languages Programmable
from Keypad . . . . English, French, Spanish, German,
    Dutch, Italian
Dimensions (H x W x D). . . . . 15 x 9.5 x 4 cm (5.9 x 3.8 x 1.6 in)
Weight. . . . . 380 g (13.5 oz)
Color . . . . Black
Case Material . . . . ABS (UL 94V-0)
LED Indicator. Bicolor (green/red)
Sounder . . . . Piezoelectric
Operating Temperature . . . . 0°C to 50°C (32°F to 122°F)
Operating Humidity . . . . 5% to 95%
    (relative humidity non-condensing)
Maximum Distance Between:
   Controller and Proximity Reader . . . . 150 m (500 ft), 2 twisted pairs,
    solid conductor #22AWG unshielded
   Controller and Relay Module . . . . . . 150 m (500 ft), 2 twisted pairs,
    solid conductor #22AWG unshielded
   Relay Module and Power Supply . . . 150 m (500 ft), 1 pair,
    solid conductor #18AWG unshielded
   Recommended Power Supply . . . . . 12 VDC, 1A
Door Contact Input . . . . NO or NC selectable
Request-to-Exit Input . . . . NO or NC selectable
Relay Output
(Strike Relay, Alarm Relay, Relay-1) . . . Form C, NO and NC, 3A, 24 VDC
Strike Relay Timer . . . . 1 to 255 sec
Alarm Relay Timer . . . . 1 to 255 sec
Relay-1 Timer . . . . 1 to 255 sec
Door Ajar Timer. . . . . 1 to 255 sec
Audit Trail . . . . Last 3,500 transactions with time stamp
Compatible Cards . . . . ioProx cards P10SHL, P20DYE,
    P30DMG, P40KEY and P50TAG
User Capacity . . . . Store up to 1,000 user records
Certifications . . . . CE, FCC, UL294 and ICES-003

Model Number	Description
SA-550	Stand-alone controller with integrated proximity reader
SA-RM56	Additional relay module
P225W26	Mullion mount optional external ioProx reader compatible with 26-bit Wiegand cards
P325W26	Single gang mount optional external ioProx reader compatible with 26-bit Wiegand cards

Related Products

PB-EXIT
Push-To-Exit Button

Electric Strike

T.Rex
Request-To-Exit Detector

ioProx Readers