

# ioPass™ Stand-Alone Door Controller

- Up to 5,000 card users
- Use integrated reader, keypad or both
- Integrated or external *ioProx* proximity reader
- Read range of up to 4 in. (10 cm)
- Easy programming from the keypad
- Higher security provided by a concealed door relay module
- Auxiliary relay to arm/disarm an alarm system
- Audit trail on the unit
- Duress function available
- 10 proximity keytags included
- Five languages programmable from keypad



SA-500



SA-600

# ioPass™ Stand-Alone Door Controller

The ioPass is a fully programmable stand-alone access control system that allows entry using proximity technology, keypad or both, for up to 5,000 users. Compact and surface mount, the ioPass is programmed directly from the unit. The system is available in two models: with integrated or external proximity reader.

## Easy programming

Programming is performed directly from the keypad with visual confirmation of each operation on the 16-character, 2-line LCD display.

## 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.

## Integrated or external ioProx proximity reader

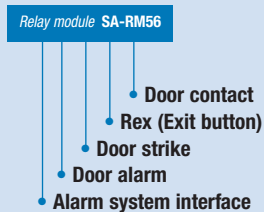
Two ioPass models are available. The integrated proximity reader model is used for indoor installations. The external proximity reader model provides a vandal and weather resistant feature.

## Higher security provided by concealed door relay module

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



Controller/Reader SA-500



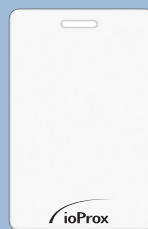
Technical Specifications													
Typical read range <sup>1</sup>	Up to 4 in. (10 cm)												
Input voltage	12VDC												
Current DC maximum	300mA												
Display	16 characters, 2 lines, LCD with backlight												
Dimensions (H x W x D) in.	5.9 x 4.3 x 1.8												
Dimensions (H x W x D) cm	15 x 11 x 4.5												
Weight	13.5 oz. (380 g)												
Color	Gray												
Case material	ABS (UL 94V-0)												
LED indicator	Bicolor (green/red)												
Sounder	Piezo												
Operating temperature	32°F to 122°F (0°C to 50°C)												
Operating humidity	5% to 95% (relative humidity non-condensing)												
Maximum distance between:	<table border="0"> <tr> <td>Controller and proximity reader</td> <td>500 ft (150 m), 2 twisted pairs, solid conductor</td> <td>#22AWG UNSHIELDED</td> </tr> <tr> <td>Controller and relay module</td> <td>500 ft (150 m), 2 twisted pairs, solid conductor</td> <td>#22AWG UNSHIELDED</td> </tr> <tr> <td>Relay module and power supply</td> <td>500 ft (150 m), 1 pair, solid conductor</td> <td>#18AWG UNSHIELDED</td> </tr> <tr> <td colspan="3">Recommended power supply 12VDC, 1A</td> </tr> </table>	Controller and proximity reader	500 ft (150 m), 2 twisted pairs, solid conductor	#22AWG UNSHIELDED	Controller and relay module	500 ft (150 m), 2 twisted pairs, solid conductor	#22AWG UNSHIELDED	Relay module and power supply	500 ft (150 m), 1 pair, solid conductor	#18AWG UNSHIELDED	Recommended power supply 12VDC, 1A		
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Recommended power supply 12VDC, 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, 24VDC												
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	On unit, last 385 cards												
Compatible cards	ioProx cards P10SHL, P20DYE, P30DMG, P40KEY and P50TAG												
Certifications	CE, FCC												

<sup>1</sup>Reduced read range with keytag, Dye-Sub card and tag.

## Ordering Information:

- SA-500-\*** Stand-alone controller with integrated proximity reader
- SA-600-\*** Stand-alone controller with external proximity reader
- SA-RM56** Additional relay module
- P10SHL** Standard ioProx proximity card
- P20DYE** Thin ioProx proximity card, front/back surface glossy for Dye-Sub printing
- P30DMG** Dye-Sub Card with Mag Stripe
- P40KEY** ioProx proximity keytag
- P50TAG** ioProx self-adhesive tag

\* EN (English), FR (French), SP (Spanish), GE (German) and DT (Dutch)



**P10SHL**  
Standard Shell Card



**P20DYE**  
Dye-Sub Card



**P30DMG**  
Dye-Sub Card with Mag Stripe



**P40KEY**  
Keytag



**P50TAG**  
Self-Adhesive Tag