



Wired Solutions for Single or Double Glass Doors

New construction and remodeling make it easy to hardwire your access control solution. Whether your glass door is a single or a double, there is an access control solution that can provide reliable security, user-friendly operation and better control of who goes where and when.

System Components for Wired Single or Double Glass Doors

Magnetic Lock

Ideal for high security applications with a hold force exceeding BHMA 1000 pound rating. Magnetic bond sensor indicates proper bond between the magnet and armature, ensuring maximum holding force and accurate monitoring.

- Reliable, quiet operation
- Automatically detects 12V or 24V
- Unique design eliminates noise and sagging
- Bracket for frameless glass door installation is available



Request-To-Exit Motion Detector Scanner

Passive Infrared Detector (PIR) specifically designed for request-to-exit applications.

- Internally adjustable relay latch time
- Selectable fail safe/fail secure
- Coverage up to 10 feet



System Components for Wired Single or Double Glass Doors

Power Supply

The PS902 power supply is UL294 Listed for access control and provides 2 amps at 12/24 VDC of class 2 power limited output.

- Accepts one optional distribution board
- LED indicator shows AC input and DC output status



The PS904 power supply is UL294 Listed for access control and provides 4 amps 12/24 VDC of class 2 power limited output.

- Accepts one optional distribution board
- LED indicator shows AC input and DC output status
- Adjustable relock time delay feature
- LED indicator shows AC and battery status

Request-To-Exit Pushbutton

Used for egress doors that are electronically locked. Features aluminum button with "PUSH TO EXIT" engraved on it.



Smart Card Reader (13.56 MHz)

Reader exchanges information with smart card credentials for mutual authentication.

- Read range up to two inches
- Reads multiple smart card formats
- Designed for use in interior, exterior, metal and non-metal installations
- Mini-mullion style



BB-1 (Magnetic Lock for Single Glass Door)

Product Desc	IRST Part#	Qty
Magnetic lock	M450P	1
Door bracket	HDB490	1
Power supply	PS902	1
Pushbutton	631AL EX-DA	1
Reader interface	SBB-RI	1
Motion detector	SCAN II-W	1
Smart card reader	SXF1060-MF	1

BB-1A (Magnetic Lock for Double Glass Doors)

Product Desc	IRST Part#	Qty
Magnetic lock	M452P	1
Door bracket	HDB490-2	1
Power supply	PS904-8F	1
Pushbutton	631AL EX-DA	1
Reader interface	SBB-RI	1
Motion detector	SCAN II-W	1
Smart card reader	SXF1060-MF	1

Description of Operation for BB-1 and BB-1A Packages:

- Door is normally closed and secured by magnetic lock
- Valid smart card on the exterior side of the door releases the magnetic lock
- Motion detector monitors authorized egress for access control system audit trail
- Free egress/exit at all times
- Pushbutton required by code as second form of release
- If magnetic lock is used, most building codes require a fire alarm release package

