ADA CONTROLS

AUTO-IR Series

Door-Mounted Presence Sensors

SDC's AUTO-IR presence sensors mitigate injury liability and costly damage by detecting stationary objects and slow-moving people in the swing path of an automatic door. It is designed as a reliable companion accessory for virtually any door operator traffic application to override ADA hold open time and protect operator investment.

AUTO-IR allows re-activation of the door before contact is made during the closing cycle, protecting slow-moving people as well as people trailing behind. It reliably detects stationary as well as moving objects in the swing path of an automatic door. Following a door activation, the AUTO-IR remains enabled to allow continued automatic non-contact re-activation capability should someone remain in the door opening while the door is open or while it is closing.

MODELS

AUTO-IR Door Mounted Presence Sensor

STANDARD FEATURES

- Simple, one-button calibration setup
- Dual sensors to ensure presence activation*
- Smooth and safe operation of door
- Exceeds ANSI 156.19 standards
- Proven active IR technology for distance measurement through triangulation
- Optional programming to customize settings

** AUTO-IR48 models only.*

YEAR 5 WARRANTY

APPLICATIONS

The AUTO-IR accessory mitigates liability through re-activation of door before contact is made during the closing cycle, protecting slow-moving people as well as people trailing behind. It reliably detects stationary as well as moving objects in the swing path of an automatic door. When using the AUTO-IR mounted on the application side of the door, the need for an extended hold open time is eliminated, allowing the door to begin the close cycle after the minimum 5 second hold open time has elapsed.

- Exceeds ANSI 156.19 standards by offering a contactless experience
- Proven active infrared technology (distance measurement sensor using the principle of triangulation)
- Guarantees smooth and safe operation of a door intended to be used by the elderly and disabled people. Sensor is only active following a knowing activation such as pressing a wall switch
- Following a door activation, the AUTO-IR remains enabled to allow continued automatic non-contact re-activation capability should someone remain in the door opening while the door is open or while it is closing

SPECIFICATIONS

	AUTO-IR
Technology	Active Infrared, Triangulation
Wavelength	880nm
IR Beams	8 Per Sensor
# of Sensors	1 (36") 2 (48")
Response Time	< 50ms
Door Type	Swing, Single
Door Opening	36"
Mounting Height	Up to 8⅘'
Angle Setting	2° - 14° Set in Increments of 3°
Weight	2 lbs
Operating Voltage	15 - 37 VDC
Power Consumption	3.3 W (Max) 140mA Per Sensor
Relay Output	1 Amp @ 40 VDC SPDT
Operating Temperature	-4°F to 140°F
Type of Protection	IP54
Interconnected Devices	4 Sensors (Max) Syncronized

CERTIFICATIONS

Meets ANSI A156.19 Power Assist And Low Energy Power Operated Doors

ADA Americans With Disabilities Act

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

Designates optional step

1| SPECIFY MODEL

AUTO-IR Door-Mounted Presence Sensor

2| SPECIFY LENGTH

36 36" Door Opening *Standard*

48 48" Door Opening

3| SPECIFY FINISH

Y 335 Dull Black *Standard*

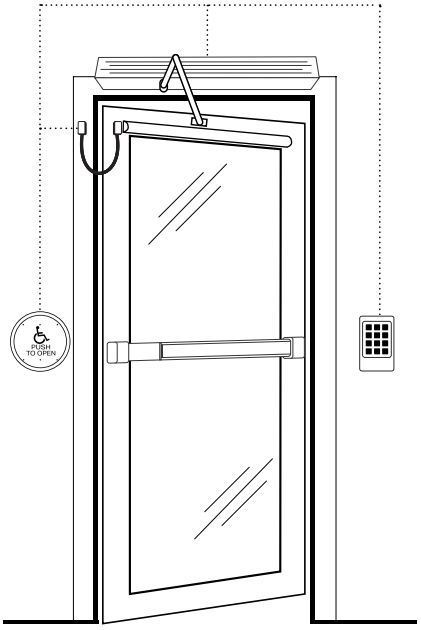
STEP NUMBER:	1	2	3
ORDERING EXAMPLE:	**AUTO-IR**	**36**	**Y**

COMPONENT CONSIDERATIONS

LOW ENERGY OPERATORS

CLICK TO VIEW

SDC's low energy swing door operators are designed for applications requiring ADA compliance, user convenience and touchless solutions. The state-of-the-art microprocessor-based operator is self-tuning and self-learning while offering non-handed operation, full mechanical stops, door sequencing and a variety of interface options for sensors, push-plates, fire alarms and electrified locks. A built-in 1 Amp power supply allows users to power electric latch retraction directly from the operator.



PUSH PLATES & PANELS

CLICK TO VIEW

SDC's push plates and panels combined with SDC's operators, bollards and locking devices allow for complete access and egress solutions for ADA compliant applications. Included are round and square push plates, as well as wall mount and full-size push panels. All types can be wireless or hardwired, bollard or wall mounted. ADA compliant solutions work seamlessly with low energy swing door operators like Auto EntryControl™.

POWER TRANSFER DEVICES

CLICK TO VIEW

Electrified power transfer hinges (PTH Series), loops (PT Series) and mortise devices (PTM Series) provide both surface and concealed methods for running wires from the frame to transfer power and monitoring signals to doors equipped with electric locks and exit devices. Wireless power transfer devices (WPT Series) wirelessly transfer power and monitor latch bolt status, REX or data signals to electrified locks and latches.

EXIT DEVICES & RETROFIT ELR KITS

CLICK TO VIEW

SDC's exit devices provide safe and reliable security, fire and life safety, and ADA code compliance. All of our exit devices are also available with electrified options including ELR and REX capabilities as standard on selected models. With a variety of options, there is an SDC panic and fire exit device for virtually any door opening application. Our QuietDuo™ LR100 series motorized electric latch retraction retrofit kits enable electric access control and dogging of mechanical exit devices.

BOLLARDS

CLICK TO VIEW

SDC's line of bollard posts are a practical alternative to wall mounted access controls or switches for entry doors. They combine visibility with convenience to meet or exceed accessibility and building code requirements throughout North America. A choice of surface mount or in-ground installation models and a variety of push plates and panels are offered. SDC's bollard posts are built with quality materials and attention to detail for durability in high traffic areas and harsh weather conditions.

KEYPADS & READERS

CLICK TO VIEW

SDC has a variety of digital keypad and proximity card access control system equipment to meet any need. SDC's keypads and readers are engineered to provide real-world door control of a single opening up to 100 doors, such as indoor, outdoor and PC-based systems, while ensuring fire and life safety code compliance along with superior expandability and flexibility in authorization identification, authentication, access approval and accountability of entities through login credentials.