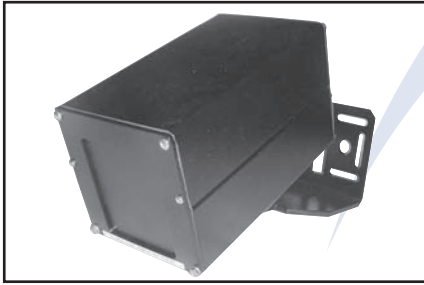




ENGINEERED FOR MOTION

SafePath™ ID20 Long Range Industrial Microwave Motion Sensor



Product Name SafePath™ ID20

Long Range Industrial Door
Microwave Motion Sensor

Contact Information

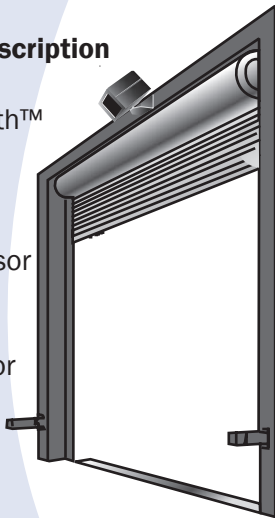
MS SEDCO
7898 Zionsville Road
Indianapolis, IN 46268
Phone: (317) 842-2545
Fax: (317) 849-3387
Email: custsvc@mssedco.com
www.mssedco.com

Product Description

BASIC USE

The SafePath™ ID20 is a long range microwave motion sensor designed to provide activation for industrial doors.

Microwave technology allows the ID20 to only detect motion in one direction (approach-only or depart-only) resulting in more efficient and economical door operation. It is capable of detecting larger



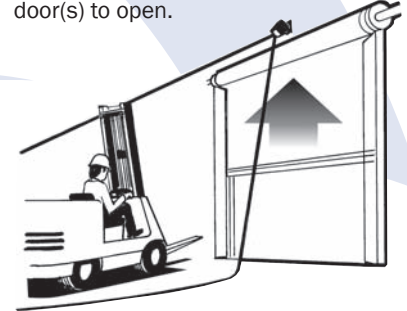
objects, such as fork trucks up to 60 ft. away. The ID20 can be mounted up to 20 ft. off the floor and has a maximum pattern size approximately 18 ft. wide at 60 ft. from the unit. The pattern is adjustable by turning a range potentiometer and aiming the unit. A speed selection switch makes the ID20 capable of detecting pedestrians (at 25 to 30 feet) and/or vehicles.

The ID20 is unaffected by air motion, temperature, humidity, color or background variations. It is less expensive to install than loop detectors and is not susceptible to damage or malfunction from ice, salt and heavy vehicular traffic.

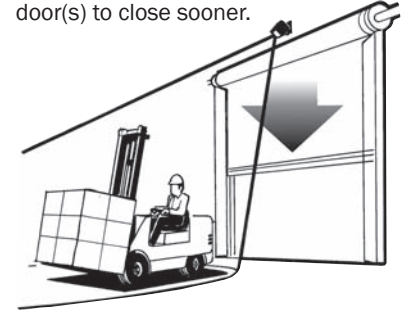
Technical Data

- Hands-free door activation
- Replaces loop detectors
- Heavy-duty, weather-proof aluminum enclosure
- Easy to set-up and install
- Long range small vehicle detection (up to 60 feet)
- Outdoor/indoor use
- Responds to motion in only one direction—approach only or depart only
- Mounts up to 20 ft. high
- Use Safety Beams or Safety Sensors Where Appropriate
- Hold-open time delay (0.5 to 5 seconds)

Approaching traffic enters the detection zone. The ID20 signals the door(s) to open.



Departing traffic clears the hold open beam. The ID20 ignores departing traffic entering its zone, allowing the door(s) to close sooner.



SafePath™ ID20 Long Range Industrial Microwave Motion Sensor



ENGINEERED FOR MOTION

SPECIFICATIONS

Model	ID20
Operating Frequency	10.525 GHz
Detection Method	Doppler Shift Microwave
Detection Pattern	Adjustable
Detection Angle	Adjustable
Directionality	Switch Selectable—Approach Only or Depart Only
Response Time	0.25 seconds
Speed Detection	Switch Selectable >1 mph or >3 mph
Hold Time	0.5 to 5 seconds, adjustable
Power	12V to 24V AC or DC
Current Consumption	0.10 amps
Relay Contacts	Form C, rated at 3 amps
Mounting	Heavy-duty metal bracket with lockset
Enclosure/Finish	Black powder coated aluminum
Temperature	-35° F to 165° F (-37° C to 74° C)
Physical Dimensions	4"H x 4"W x 7"D
Weight	4 lbs.

APPROVALS

FCC

Installation

SETUP AND ADJUSTMENT

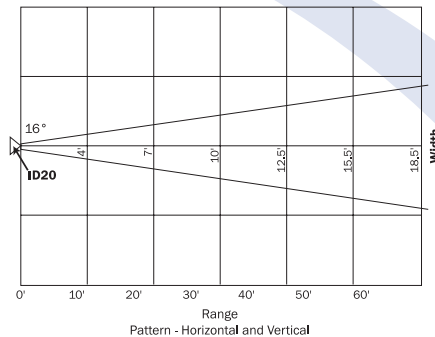
The ID20 Industrial Door Sensor's pattern is adjustable by turning

the range potentiometer mounted on the PC board and aiming the unit.

TYPICAL PATTERN DIAGRAM

Mounting Height: 12 ft.

Tip Angle: 16°



Detection pattern is approximately 18 feet wide by 60 feet deep.

(This detection pattern is approximate and will vary slightly. Walk-test the unit to assure the pattern desired.)

Availability & Cost

AVAILABILITY

Available internationally from manufacturer's authorized distributors; contact MS SEDCO for the location of nearest distributor.

COST

Cost information on MS SEDCO products is available from the manufacturer's authorized distributors.

Warranty

A one year warranty is available from the manufacturer covering defects in materials and workmanship. Contact MS SEDCO for details.

Maintenance

MS SEDCO recommends that all maintenance and adjustments be performed by a qualified technician.

Technical Services

MS SEDCO's staff of factory trained sales and service personnel offer design assistance and technical support. Local distributors are also available to assist in selecting appropriate devices for specific uses and to provide onsite installation.

DIMENSIONS

