



ENGINEERED FOR MOTION

HR-Robus Industrial Door Microwave Motion Sensor



Product Name

HR-Robus

Industrial Door Microwave Motion Sensor

Contact Information

MS SEDCO
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Product Description

BASIC USE

The HR Robus is a microwave motion sensor for activating automatic industrial doors. Features include a speed selectable switch that makes the unit capable of detecting pedestrians and/or vehicles. Detection mode is selectable between approach-only, depart-only, or bidirectional motion.

Microwave technology allows the HR-Robus to detect larger objects, such as forklift trucks, up to 26.3 feet away. Maximum pattern size is approximately 16.4 feet wide at 26.3 feet from the unit, at a mounting height of 23 feet, and is adjustable via programming, tilt angle, and mounting height. The HR-Robus is not affected by air motion, change in temperature, humidity, color or background variations.

Technical Data

- Unidirectional & Bidirectional Detection
- Can Be Mounted Up To 23 Feet Above Floor
- Easy To Install and Set-Up
- Easy Sensitivity and Hold Time Adjustments via Programming
- UV Stabilized ABS Plastic Enclosure
- Optional Robus-RC remote control for easy setup

Color

Flat Black

Enclosure

Ground plate ABS,
Cover Polycarbonate

Weight

0.7 lb. (320g) without cable
1.4 lb. (650g) with cable

Size

5.16"W x 2.87"H x 3.86"D
131mmW x 73mmH x 98mmD

SPECIFICATIONS

Model

HR-Robus

Frequency

24.150 - 24.250 GHz (K-Band)

Detection Method

Doppler Shift Radar

Detection Pattern

Selectable, via tilt angle and
mounting height

Detection Angle

Adjustable, in 15° increments

Directionality

Selectable, Unidirectional or
Bidirectional

Range

Adjustable
(via tilt angle, programming, and
mounting height)

Max. Mounting Height

23' (7m)

Power Requirements

12 to 28V AC or 12 to 36VDC

Current Consumption

50mA @ 24V DC

Power Consumption

<1W

Relay Outputs

Vehicle Relay Output, N.O./N.C.
Pedestrian Relay Output, N.O./N.C.

Hold Time

Adjustable, 0.5 to 300 Seconds

Temperature

-22°F to 140°F (-30°C to 60°C)



Optional Robus-RC Remote Control

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APPLICABLE STANDARDS

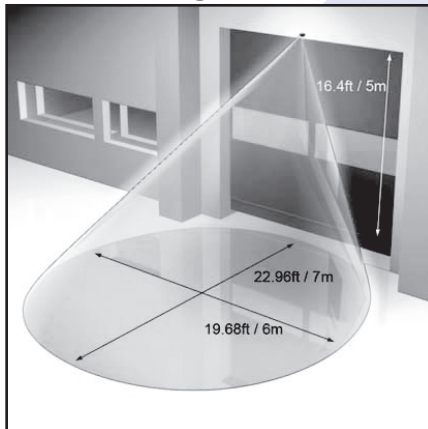
American National Standards Institute (ANSI) - Building Hardware Manufacturer's Association (BHMA) - ANSI/BHMA A156.10.

APPROVALS

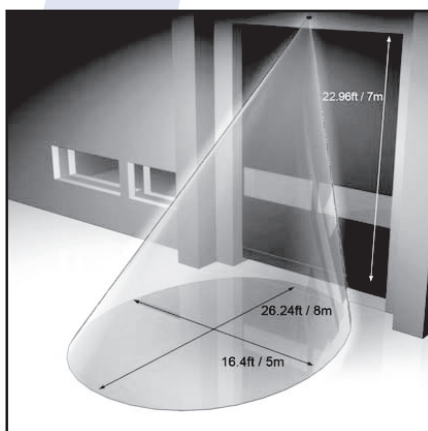
FCC, CE, IC

Detection Area

Installation Height 16.4' (5m)



Installation Height 22.96' (7m)



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 distributors.

Warranty

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

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.