

TECHNICAL DATA SHEET

MICROSTAR - Motion Sensor for Automatic Door Activation



MicroStar

DESCRIPTION

MicroStar is a radar motion sensor for activating all types of automatic doors. Upon initial motion detection, MicroStar then enables - Human Presence Radar (HPR) - a second level of detection that will protect individuals virtually standing still within the detection zone. HPR gives slow moving, elderly or physically disabled individuals confidence that after initial activation they can safely approach an automatic door at any speed without the door closing prematurely.

FEATURES

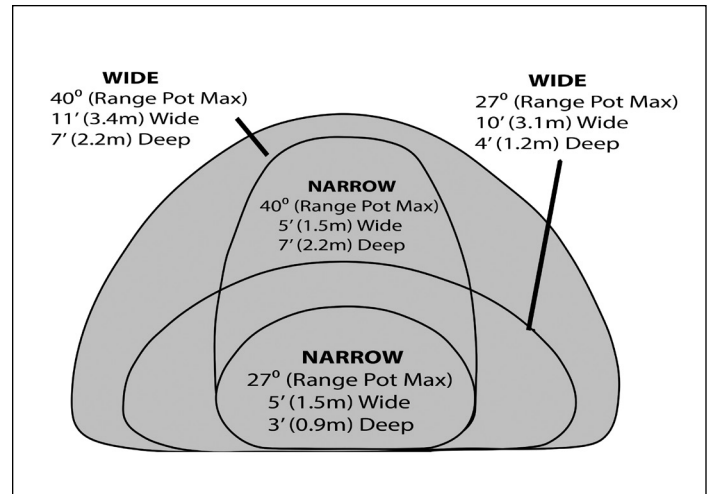
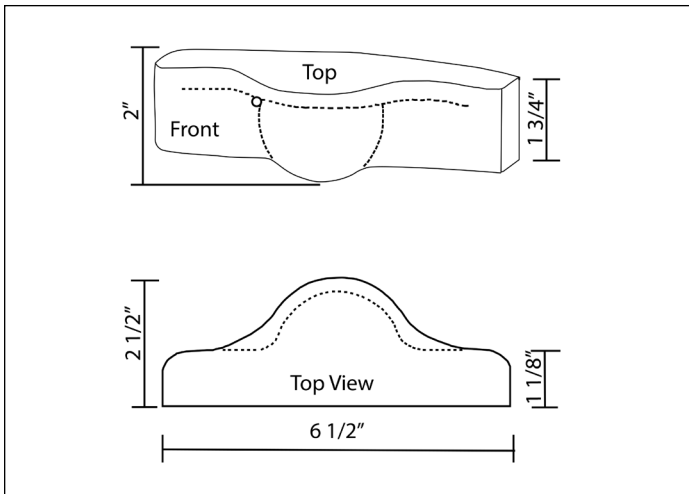
- Two levels of detection:
Initial – 24 GHz doppler radar
Selectable secondary – Human Presence Radar (HPR)
- Selectable approach-only or bi-directional motion detection
- Detection Pattern – wide & narrow; adjustable- left/right & in/out
- Install mode allows set up of detection pattern without activating the door
- Fits on 1.75" door frames
- Mounting height of up to 15 ft
- Adjustable activation hold time of 1.5-5.0 seconds

QUESTIONS?
Call 317-842-2545
or visit mssedco.com



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DIMENSIONS & DETECTION ZONE



TECHNICAL SPECIFICATIONS

DETECTION METHOD	Doppler radar (initial motion) Selectable additional detection (Human Presence Radar- HPR)	MAX MOUNTING HEIGHT	15 ft (4.6m)
OPERATING FREQUENCY	24GHz	INPUT POWER	12-24V AC or DC
DETECTION RANGE	Adjustable via pot (see detection zone diagram)	OUTPUT POWER	2-5mW
DETECTION ZONE	Selectable wide & narrow	POWER CONSUMPTION	3.5W max
DETECTION ANGLE	Adjustable 21° - 90° +/-25° left/right	TEMPERATURE	-22°F to 158°F (-30°C to 70°C)
DETECTION DIRECTION	Switch selectable – approach-only or bi-directional	WEIGHT/SIZE	Less than 1.0 lbs. (0.5kg); 6.5" x 1.875" x 2.75" (16.5cm x 4.8cm x 7cm)
HOLD TIME	Adjustable 1.5 – 5.0 sec. upon detection	HOUSING	Black ABS plastic
RELAY OUTPUT	NO/NC/COM		

WARRANTY

MS Sedco products are warrantied to be free from manufacturing defects for three years from date of purchase from MS Sedco – terms apply.

QUALIFIED INSTALLERS

When installing this product to an automatic pedestrian door application, MS Sedco recommends installation by technicians who are certified inspectors by the American Association of Automatic Door Manufacturers (AAADM). All installations shall be compliant with applicable nationally recognized performance standards and building codes.



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