



AUTOMATIC SLIDING AND FOLDING DOORS SAFEPATH™ DHR3

MOTION & PRESENCE SENSOR



MONITORING CAPABILITY

The SafePath™ DHR3 is a combination microwave and active infrared motion/presence sensor designed to provide both activation and safety protection for automatic sliding and folding doors.

The DHR3 is based on the most reliable microwave and active infrared (AI) technology available—Floor Reflection Method (FRM).

The DHR3 provides motion detection as far as 10.5 feet (3.2m) from the door while simultaneously providing a dense zone of presence detection at the threshold of the door.

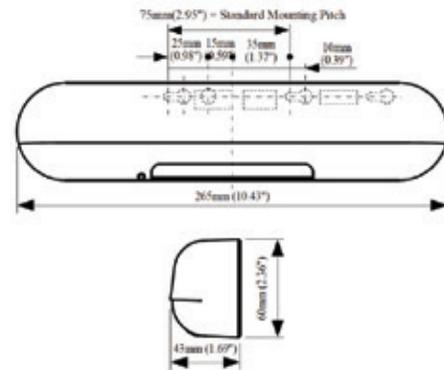
The DHR3 is designed for easy field installation and adjustment. The pattern width and depth are both mechanically adjustable. In addition, the depth can be altered electronically from 5 to 2 rows. All adjustments are available without the use of proprietary set-up devices.

Floor Reflection Method™ (FRM™) sensors with Maximum Pattern Infrared™ (MPI™) provide better safety than other infrared sensors.

SafePath Maximum Pattern Infrared (MPI™) sensors use more beams than other manufacturers— and provide a level of safety not found in other standalone infrared sensors.

TECHNICAL DATA

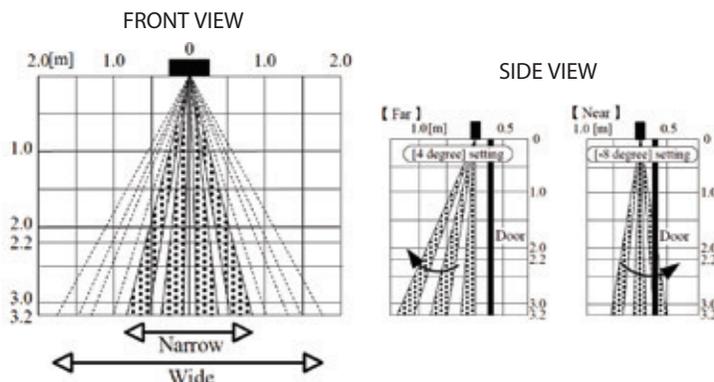
- Doppler Shift Radar & Active Infrared Reflection Technology
- One Sensor Provides Complete Motion & Presence Detection
- 4 Presence Timer Settings
- Mounts Up To 10.5' (3.2m)
- Electronic Depth Adjustment
- Quick-Connect Wiring Harness Included
- Four Frequency Settings
- 12V to 24V AC or DC Operation
- Form C Dry Relay Contact N.O., COM, N.C.
- Rain Cover Available



SPECIFICATIONS

Model	DHR3
Detection Method	Doppler Shift Radar & Active Infrared Reflection
Max. Installation Height	10.5 ft. (3.2m)
Power Requirements	12V to 24V AC or DC ± 10%
Power Consumption	AC24V-2.5VA, AC12V-2.5VA DC24V-65mA, DC12V-140mA
INFRARED SENSOR	
Detection Method	Active Infrared Reflection
Output Holding Time	0.5 seconds
Response Time	0.1 to 0.2 seconds
Presence Timer	2, 30, 60 seconds or infinity
Output Contact	7.5mA Max (Resistor Load), 55V DC Max Voltage, 50mA MAX Current
MICROWAVE SENSOR	
Detection Method	Doppler Shift Radar
Operating Frequency	1.5 seconds
Response Time	0.1 to 0.2 seconds
Output Contact	Form C Relay, DC50V 0.1A Resistor Load

COVERAGE PATTERN



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West: 800-544-4422 • East: 800-225-6737

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