# FRM-AI COMBINATION
# SAFEPATH™ DH94

## HIGH MOUNT PRESENCE SENSOR

**FRM-AI technology with Maximum Pattern Infrared™ (MPI™)**

## MONITORING CAPABILITY

The SafePath DH94 is a 4-row presence sensor designed to provide both activation and safety protection to automatic sliding entrances with shallow approaches such as those found in a typical "strip center" shopping complex.
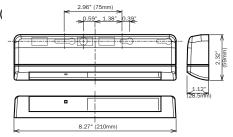
The DH94 is based on the most reliable active infrared (AI) technology available — Floor Reflection Method (FRM). Floor Reflection Method™ (FRM™) sensors with Maximum Pattern Infrared™ (MPI™) provide better safety than other infrared sensors.

With FRM-AI up to 32 individual detection zones are precisely reflected off of the floor in a rectangular pattern meeting and exceeding ANSI A156.10 guidelines.

The DH94 is designed for easy field installation and adjustment. The pattern width and depth are mechanically adjustable. In addition, depth can be altered electronically from 4 rows to 1 row thus providing either a pattern deep enough for both activation and safety or shallow enough for curtain-like safety protection at the threshold. 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

- Floor Reflection Method Active Infrared (FRM-AI) Technology
- Up To 32 Detection Zones
- Quick-Connect Wiring
- Mount Up To 9.8' (3m) High
- Programmable Presence Timer (2, 30, 60 or ∞ Seconds)
- Tape-Free Masking
- No Lens Changing
- Electronic Depth Adjustment (From 4 to 1 Rows)
- Snow Mode
- Indicator LED
- Elevation Angle Adjustment
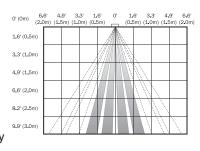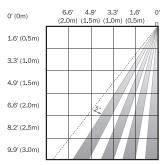- 12V or 24V AC or DC Operation
- Rain Cover Available (

**COVERAGE PATTERN**

## SPECIFICATIONS

| Model | SafePath DH94 |
|---|---|
| Detection Method | Floor Reflection Method Active Infrared (FRM-AI) |
| Max. Installation Height | 9.8 Feet (3m) |
| Detection Area Adjustment | |
| Pattern Width: | (Wide & Narrow) |
| Pattern Depth: | (4 to 1 Rows) |
| Pattern Depth: | (0° to 5°) |
| Power Requirements | 12V to 24V AC or DC ± 10% |
| Power Consumption | AC12V: 1.35VA Max<br>AC24V: 1.5VA Max<br>DC12V: 65mA, DC24V: 35mA |
| Output Contact | Form C Relay: DC50V 0.1A (Resistor Load) |
| Output Holding Time | Approx. 0.5 Seconds |
| Presence Timer | 2, 30, 60 or ∞ Seconds<br>Programmable Via Dip Switch |
| Temperature Range | -4°F to 140°F (-20°C to 60°C) |
| Weight | Approx. 0.40 lbs. (0.180 kg) |
| Cover Color | Black |
| Accessories | Cable: 8 ft. (2.5m) |

2.96" (75mm)
0.59" 1.38" 0.39"
2.32" (59mm)
1.12" (28.5mm)
8.27" (210mm)

## International Door Closers, Inc.

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