

# MD-31D Series

## Request-to-Exit PIR Motion Sensors



SDC's MD-31D series motion sensors are passive infrared detector specifically designed for request-to-exit applications. The coverage field is internally pointable. When angled 14 degrees down, coverage may be 5' x 6' at 7' feet high for 10' x 12' at 15' high. The MD-31D projects a wrap around "U" pattern down and away from the door to inhibit tampering.

The MD-31D complies with national fire and building code requirements for access controlled egress doors listed below:

- IBC International Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- NFPA 1.15.5.3.2
- BOCA National Building Code 1017.4.5
- SBCCI Standard Building Code 1012.7

### MODELS

**MD-31D** PIR Motion Sensor

### STANDARD FEATURES

- Passive infrared detection
- Adjustable relock time delay (RTD)
- Frame header, wall or ceiling mount
- Complies with NFPA applications
- Code compliant failsafe mode\*
- Auto-sensing dual voltage

\* For MD-31DB only, lock releases when power to PIR sensor is interrupted.



## SPECIFICATIONS

MD-31D	
<b>Housing</b>	High Impact ABS Plastic
<b>Dimensions</b>	7" x 1¾" x 17/8"
<b>Mounting Height</b>	7' - 15'
<b>Operating Environment</b>	-20°F - 120°F
<b>Weight</b>	0.5 lbs
<b>Input</b>	12/24 VAC/DC
<b>Current Draw</b>	26 mA (max)
<b>Contact</b>	SPDT (2)
<b>Rating</b>	1 Amp @ 30 VDC Resistive
<b>Type</b>	Electronic Timer, Adjustable (1-60 Seconds)

## CERTIFICATIONS

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NFPA 1.15.5.3.2

BOCA National Building Code 1017.4.5

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UL294 Access Control System Units

CSFM Listed

## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

 Designates optional step

#### 1| SPECIFY MODEL

**MD-31D** PIR Motion Sensor

#### 2| SPECIFY FINISHES

**OW** Matte White

**B** Matte Black

STEP NUMBER:	1	2
ORDERING EXAMPLE:	<b>MD-31D</b>	<b>OW</b>