

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-31DOW PIR Motion Sensor, White

MD-31DB PIR Motion Sensor, Black



STANDARD FEATURES

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



SPECIFICATIONS

	MD-31DOW	MD-31DB
Housing	High Impact ABS Plastic, White	High Impact ABS Plastic, Black
Dimensions	7" x 1¾" x 1⅞"	7" x 1¾" x 1⅞"
Mounting Height	7' - 15'	7' - 15'
Operating Environment	-20°F - 120°F	-20°F - 120°F
Weight	0.5 lbs	0.5 lbs
Input	12/24 VAC/DC	12/24 VAC/DC
Current Draw	26 mA (max)	26 mA (max)
Contact	SPDT (2)	SPDT (2)
Rating	1 Amp @ 30 VDC Resistive	1 Amp @ 30 VDC Resistive
Type	Electronic Timer, Adjustable (1-60 Seconds)	Electronic Timer, Adjustable (1-60 Seconds)

CERTIFICATIONS

IBC International Code 1008.1.3.4

NFPA 1.15.5.3.2

UL294 Access Control System Units

IFC International Fire Code 1008.1.3.4

BOCA National Building Code 1017.4.5

NFPA 101 Life Safety Code 7.2.1.6.2

SBCCI Standard Building Code 1012.7

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

 Designates optional step

1| SPECIFY MODEL

MD-31DOW PIR Motion Sensor, White

MD-31DB PIR Motion Sensor, Black

STEP NUMBER: 1

ORDERING EXAMPLE: **MD-31DOW**