



## SU-200™

MOTION SENSOR FOR AUTOMATIC DOORS

### Intelligent Motion Detection with Effortless Digital Setup

The STANLEY SU-200™ is a high-performance, microwave-based motion sensor engineered for precise activation for swinging, sliding, and folding doors.

SU-200™ offers superior field performance with improved filters that help to reduce false detections that lead to increased energy costs.

This sensor is easy to install and set up with flexible parameters and simple push-button settings. Unlike legacy sensors, the detection field shape can be adjusted without changing the antenna manually.

A variety of installation accessories are available (Rain Cover, Ceiling Mount, Retrofit Interface), making the SU-200™ a convenient activation solution for any environment.

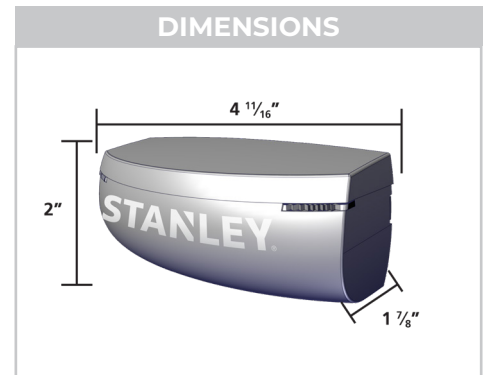
### Features and Benefits

- **Compact and Attractive Design**  
Slim and compact design integrates with all types of automatic door operators
- **Easy to Use**  
Electronic management of the radar field shape and push-button adjustments allow for quick installation and setup
- **Energy Efficient**  
Immunity Filter, Field Size, and Field Shape settings work together with direction sensing capability (Detection Mode) to reduce door open time
- **Easy to Retrofit**  
Seamless upgrade from STANLEY SU-100; same mounting references and plug-in interface accessory



### SPECIFICATIONS

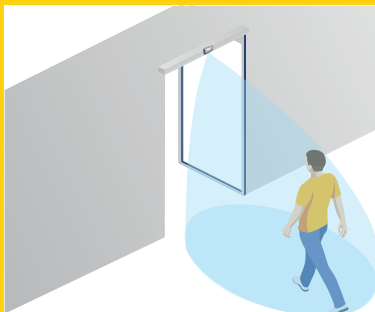
Description	Configuration
Technology	Microwave
Detection Mode	Motion
Transmitter Frequency	24.15 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5 mW/cm <sup>2</sup>
Max. Detection Range (at 7' mounting height):	Wide: 13' x 6.5' Narrow: 6.5' x 7'
Min. Detection Speed	2 in/s
Supply Voltage*	12 – 24 VAC ±10% (50 – 60 Hz) 12 – 24 VDC +30% / -10%
Max. Power Consumption	< 1 W
Output*	Solid-state relay (free of polarity)
Max. Switching Voltage	30 VAC / 42 VDC
Max. Switching Current	100mA (resistive)
Mounting Height	6' – 13'
Tilt Angles	0 – 90° vertical -30 – 30° lateral
Temperature Range	-4 – 131 °F (-20 – 55 °C)
Dimensions	4 11/16" (L) x 2" (H) x 1 7/8" (W) - see image, right
Material	ABS
Weight	120 g
Cable Length	8'
Degree of Protection	IP54
FCC Certification	FCC: G9B-100606 IC: 4680A-100606



\* External electrical sources must be within specified voltages, max 100 W, and ensure double insulation from primary voltages

All Specifications are subject to change.  
Please contact your local sales representative to ensure accuracy.

### SAMPLE APPLICATIONS



SINGLE SWING DOOR



DOUBLE SWING DOORS



BI-FOLDING DOORS



SLIDING DOORS