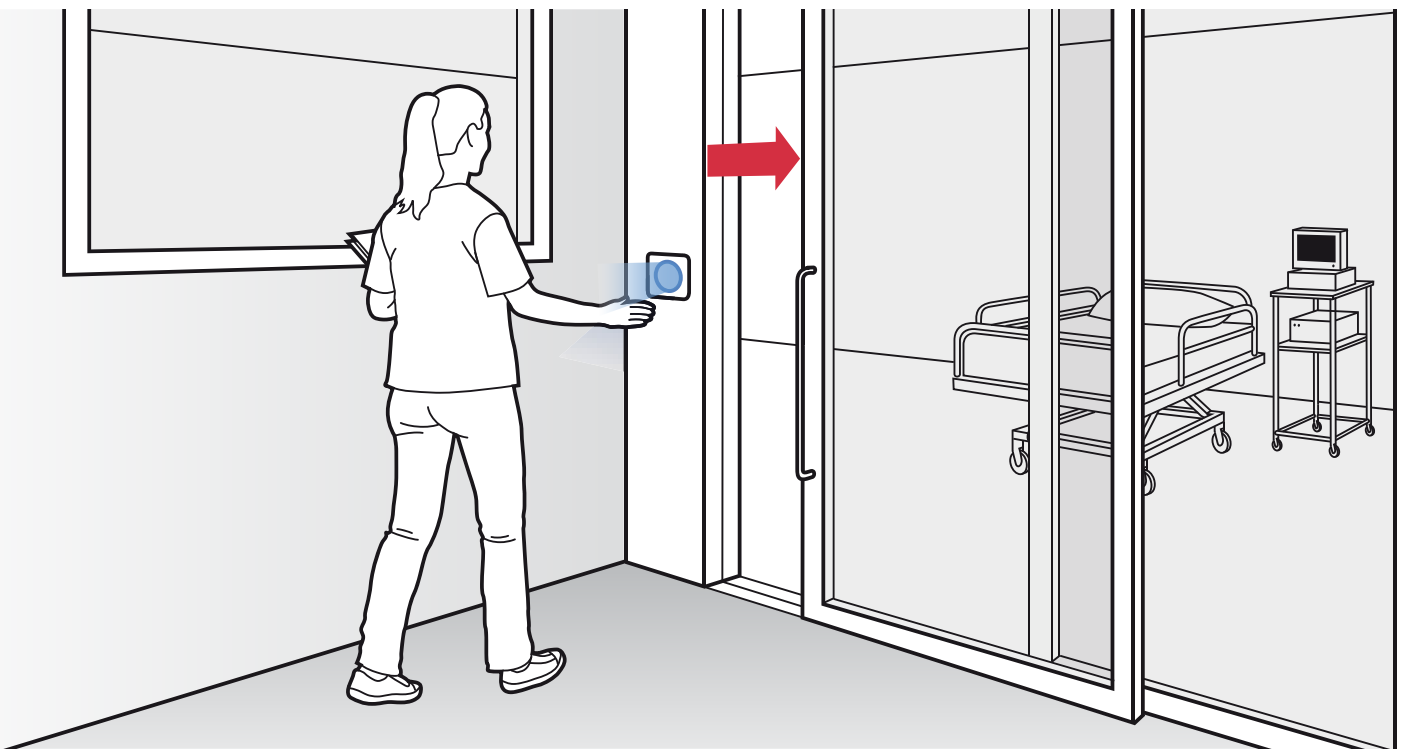




Contact-Free Request to Exit Door Sensor

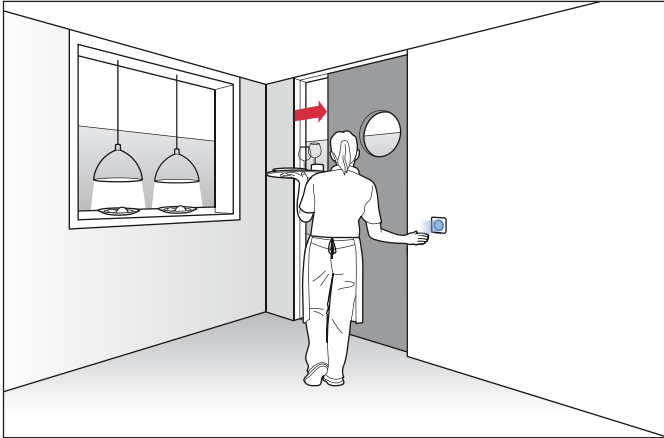
# CleanSwitch

Hygienic in every application  
Attractive design with LED visual feedback  
Can be treated with any standard disinfectants



OPTEx, the global leader in sensing innovation, is pleased to announce the CleanSwitch professional grade, hands free, request to exit sensor. The CleanSwitch provides a contact-free, hygienic method for releasing a strike or mag lock to allow free egress through access control doors. It works by means of a deliberate hand gesture within the detection range of 4 to 20 inches – helping to stop germs in their tracks. Thanks to its attractive design featuring colored LED feedback, CleanSwitch is an appealing, user-friendly addition to its environment. It takes just a few minutes to get the activation switch up and running. The highly durable front can be treated using standard surface disinfectants in hospital areas. Even in moist or wet environments, CleanSwitch offers reliable protection that meets IP65.

## Features



- Provides a contact-free method for request to exit access control —hygienic in every application.
- Highly durable surface, can be treated with any standard cleaning agent or disinfectant.
- Sends a request to exit signal to allow egress through doors by a deliberate hand gesture.
- Quick and easy to install, set up of the CleanSwitch requires no tools, and includes an integrated short guide through the installation.

## Components

<b>CLEANSWITCH-BL</b>	Contact-free request to exit door sensor (Black)
<b>CLEANSWITCH-WH</b>	Contact-free request to exit door sensor (White)

## Specifications

Material	ASA / PC
Dimensions	Approx. 3.5"H x 3.5" W x 1.5" D (88 x 88 x 38mm)
Weight	1.94 oz. (55g)
Connection type	Plug terminals
Colors	White, black
Operating voltage	12-24VAC ±10% (50-60 Hz) 12-24VDC +20%/-10%
Frequency range	50-60 Hz
Power consumption	~1 W
Output	Potential-free relay with changeover contact
Max. switching voltage	(DC) 1 A to 30 V, 0.5 A to 60 V (AC) 1 A to 60 V, 0.5 A to 125 V
Max. switching capacity	30 W (DC) / 60 VA (AC)
Output fall-delay time	Relay fall-delay time 0.3 sec. LED fall-delay time 2 sec.
Technology	Radar
Transmission frequency	24.125 GHz
Detection range	0.1-0.5 m
Detection mode	Pulse mode: detector is triggered by movement of hand
Detection speed	Toggle mode: first movement door open / second movement door closed Min. 5 Hz or ±3 cm/s Max. 200 Hz or ±1.2 m/s
Protection class	IP65
Storage/operation temperature	-4°F to 140° F (-20°C to +60°C)
Humidity	<95% rel., non-condensing

For additional information regarding products or applications, please contact your regional OPTEx representative or our Inside Sales Department at **(800) 966-7839 EXT 155**. To see all products and solutions that OPTEx has to offer, visit [www.optexamerica.com](http://www.optexamerica.com)