



SwipeSense, Inc.  
4619 N Ravenswood Ave.  
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(847) 440-6215

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# Hygiene Sensor User Manual



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## Safety and Regulatory Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

This device complies with Part 15 of the FCC rules and with Industry Canada **license**-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) **This** device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Your device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The FCC has established criteria for the amount of radio frequency energy various products may produce depending on their intended usage. This product has been evaluated and found to comply with the FCC's exposure criteria. For body worn operation, the FCC RF exposure guidelines were also met when used with the accessories supplied or designed for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines and should be avoided.

This device must not be co-located with other transmitters.



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The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website [www.hc-sc.gc.ca/rpb](http://www.hc-sc.gc.ca/rpb)

#### IMPORTANT NOTE

In order to comply with FCC RF Exposure requirements, the antennas used for the transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

Les antennes utilisées pour ce transmetteur doivent être installées en considérant une distance de séparation de toute personnes d'au moins 20 cm et ne doivent pas être localisées ou utilisées en conflit avec tout autre antenne ou transmetteur.

#### Warnings

- This Device is for indoor use only.
- This Device is only to be installed by trained SwipeSense personnel.
- Do not open the Device as there are no user serviceable parts inside and this product is powered at all times.
- Do not use if the case is cracked or worn.

#### Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

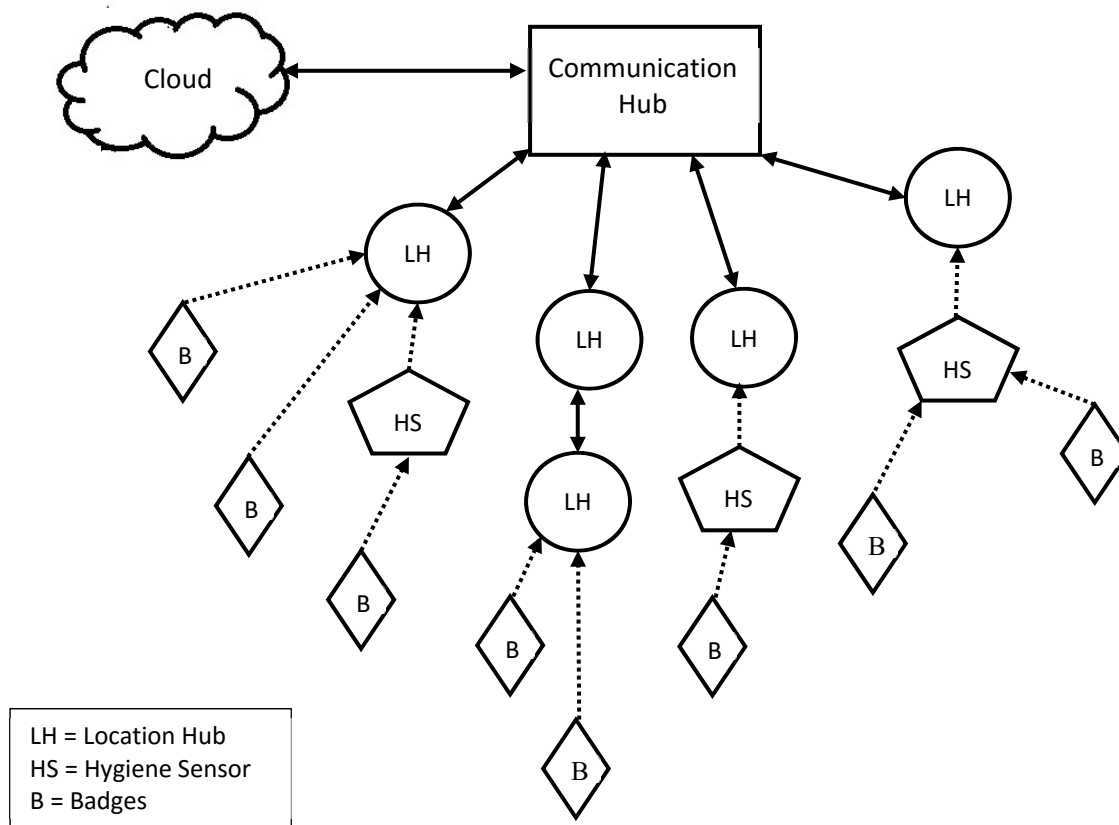


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## System Description

The SwipeSense System combines point-of-care hand hygiene with real-time usage data to eliminate dependency on manual observations and increase compliance with infection control procedures.

Our fully integrated system seamlessly provides real-time hand hygiene data from across the enterprise with exceptional clarity. The SwipeSense System creates a “mesh network” that provides flexibility for compiling and communicating hygiene practices of employees within your facility. The mesh network is composed of badges worn on individual employees, hygiene sensors mounted to hygiene **dispensers**, tracks employee hand sanitation frequency, location hubs monitor an employee’s presence in patient rooms and a communication hub located in each nurses collects the data generated within the network and transmits to the cloud. Once the data is uploaded to the cloud, it is accessible to all administrators.





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## Product Description

This is a wall-mounted device that is placed under existing hygiene dispensers throughout the facility. When activated this device measures signal strength of badges located near it and transmits the information to the nearest Location Hub for processing. A picture of an installed Hygiene Sensor is provided in Figure 1.



Figure 1: Installed Hygiene Sensor

## Installation Procedures

The Hygiene Sensor requires a minimum clearance of 8.5 inches below the hygiene dispenser for proper installation. If this is not available, the existing dispenser will need to be removed and re-installed to allow for the Hygiene Sensor.

1. Install the Hygiene Sensor Mounting Bracket to the wall.
  - a. Use the SwipeSense Installation Template to mark the space under the hygiene dispenser for the wall anchors used to mount the Hygiene Sensor to the wall.

NOTE: Center the template horizontally so it is centered under the hygiene dispenser.

- b. Remove the SwipeSense Installation Template.
  - c. Drill a 3/16" pilot hole into the wall surface for each designated hole.
  - d. Install wall anchors.
  - e. Wipe down the wall and let dry to remove debris.
  - f. Apply mounting adhesive to the back of the Mounting Bracket.
  - g. Position Mounting Bracket onto wall using mounting adhesive and screws.

NOTE: The release clip should be pointing towards the floor.

- h. Attach the SwipeSense Installation Template to the Mounting Bracket.
2. Scan and record the serial number of the Hygiene Sensor using the SwipeSense Mobile App.



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3. Enter all assignment-related information for the Hygiene Sensor to the SwipeSense Mobile App.
4. Using the toggle switch on the back of the Hygiene Sensor set it to the “A” position for alcohol-based hygiene dispensers, or “S” for hand wash or soap dispensers.
5. Snap the Hygiene Sensor onto the Mounting Bracket and confirm the lights are on, indicating the device is fully operational.