SwipeSense, Inc.
4424 N Ravenswood Ave.
Chicago, IL. 60640
(847) 440-6215

Radio Sidecar
User Manual

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Safety and Regulatory Information

This device complies with part 15 of the FCC Rules. 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.

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

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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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.

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

RF Exposure:

This equipment complies with FCC RF Exposure requirements and should be installed and operated with a minimum distance of 20cm between the radiator and any part of the human body.

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

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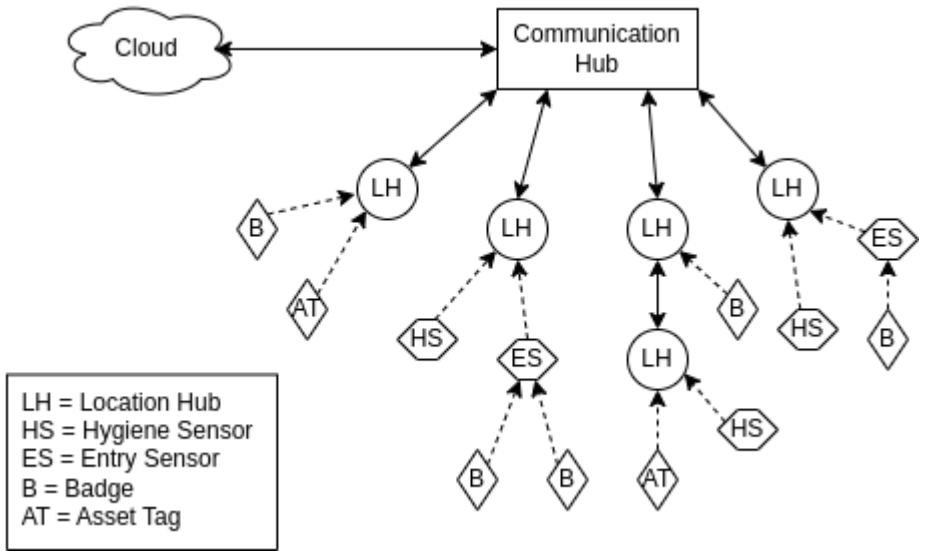
System Description

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 comprised of:

- Badges worn on individual employees
- Asset tags attached to assets that should be tracked
- Hygiene sensors mounted to hygiene dispensers tracks employee hand sanitation frequency
- Entry sensors installed in door thresholds to provide real time feedback
- Location hubs monitor employee presence in patient rooms and asset locations
- Communication hub located on each unit 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 multi-functional device that can be paired with either a Magnetic Baseplate (721.0) creating a Hygiene Sensor, or paired with an Entry Baseplate (731.0) creating an Entry Sensor (Figure 1).

Figure 1: Hygiene Sensor (left) and Entry Sensor (right)

The assembled Hygiene Sensor (HS) is designed to be installed on the side of a sanitizer or soap dispenser. After installing a magnet inside the dispenser, the HS is able to monitor for the movement of this magnet detecting dispense activity. Specific mounting location and magnet type and position vary from dispenser to dispenser, so please refer to the specific build guide for any specific dispenser you are using.

The assembled Entry Sensor (ES) is designed to be normally installed on a door frame to monitor for providers entering or exiting a room and issue a real time natural language voice reminder if hand hygiene is not performed in a timely manner. The ES can also be installed on the side of a sanitizer or soap dispenser like a HS if there is a dispenser placed at the threshold to a room, allowing the ES to perform double duty.

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Installation Procedure

The Hygiene Sensor (or Entry Sensor functioning as dual roles) requires a minimum clearance of 3 inches to the side of 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.

Whether left, right, or both sides of the dispenser are eligible for Hygiene Sensor placement depends on the specific dispenser.

To install a Sensor on a dispenser:

1. If the Sidecar is not pre-assigned for a specific location, record the serial number and add the device to the Unit Device Map, ensuring placement on the map reflects the dispenser location.
2. Wipe down the side of the dispenser and let dry to remove oil and debris.
3. Install the Sensor to the side of the dispenser using double sided tape. Refer to the build guide for the specific dispenser to get the correct location.
4. Install a magnet inside the dispenser. Refer to the build guide for the specific dispenser to get the correct magnet type and installation method.

The Entry Sensor requires an unobstructed view of the threshold into a patient room, so that a provider entering or exiting the room passes in front of the optical sensor. If the Entry Sensor is not being installed on a dispenser:

1. If the Sidecar is not pre-assigned for a specific location, record the serial number and add the device to the Unit Device Map, ensuring placement on the map reflect the dispenser location.
2. Wipe down the target install location and let dry to remove oil and debris.
3. Install the Entry Sensor on, or next to, the doorframe using double sided tape.