DATA SHEET

Hand Hygiene Sensor - Drip Tray

Available Models

IT-376 – Compatible with CenTrak Pegasus platform

IT-376 H – Compatible with CenTrak Orion platform

Key Highlights

- Automatically tracks hand hygiene compliance at the individual level
- Collects data on all events at hand washing stations
- Easy external mounting option
- Multiple mechanisms to activate the dispenser (motion & proximity sensor)
- Works in conjunction with CenTrak's Enterprise Location Services including CenTrak's RTLS-enabled Staff Badge

Hand Hygiene Sensor - Drip Tray

Hand Hygiene Sensor - Drip Tray shown attached to a dispenser

CenTrak's Hand Hygiene Compliance Monitoring System leverages the Hand Hygiene Sensor to automatically monitor usage by individuals, along with their entry and exit to patient care areas. It eliminates costly manual monitoring, and proactively alerts staff who enter patient care environments without proper hand hygiene, to assist in compliance and behavior modification.

The battery-powered Hand Hygiene Sensor - Drip Tray may be mounted under various dispensers or pumps to track their usage. It automatically communicates a specific staff member's badge ID from patient care areas along with hand hygiene events, based upon hospital determined compliance business rules. The Hand Hygiene Sensor communicates each event to the network which records each individual's compliance performance. All of the recorded data is stored on CenTrak's local or hosted server and can be accessed by robust compliance management and reporting applications.

The LED indicator works by flashing a green light when the sensor and tag interaction has been established. There is a service call button at the bottom right corner of the Hand Hygiene Sensor, that if pressed will log a service request in the system.

The sensor captures all hand hygiene events whether or not a staff member's badge is in direct line of sight of the Hand Hygiene Sensor.

The battery operation and the simple mounting mechanism allows for quick and low cost installation of the device at hand washing stations.

Hand Hygiene Sensor - Drip Tray

Technical Specifications

Operation	
FCC Operating Frequency Range	902-928 MHz
CE Operating Frequency Range	868-870 MHz
Maximum transmission power	1 mW peak
Low Frequency	125 KHz
Indicators	
LED Indicators	Green LED, Red LED
Enclosure	
Case width	4 in (101.69 mm)
Case height	6.16 in (156.4 mm)
Case depth	2.53 in (94.37 mm)
Weight	6.304 oz (with back plate and batteries)
Construction	ABS Plastic
Environmental	
Operating Temperature	0 C to +50 C
Storage temperature	-30 C to +70 C
Operating Humidity	10% to 90% non-condensing
Power	
Battery type	2 x CR123A (Part # ITA-402)
Activation Sensors	
Proximity and/or Motion	Optional configurations
Low Frequency Range	Up to 4 feet

Note: Must use CenTrak disinfection procedure. Other methods may void product warranty.

This component complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) The device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. Modifying or tampering with the transceiver's or receiver's internal components can cause a malfunction, invalidate the warranty, and will void FCC authorization to use these products. This product or its systems are covered by one or more of the following U.S. patents: 5,917,425, 7,061,428, 7,378,964, 7,619,532.

L ' utilisation de ce dispositif est autorisée seulement aux conditions suivantes : (1) il ne doit pas produire de brouillage et (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

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Hand Hygiene Sensor - Drip Tray

FCC regulatory conformance:

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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

RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC regulatory conformance

This device complies with CAN ICES-3 (B)/NMB-3(B).
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subjectto the following two conditions:
(1) this device may not cause harmful interference, and
(2) thisdevice must accept any interference received, including interference that may cause undesiredoperation.
Cetappareilestconformeà la norme CAN ICES-3 (B)/NMB-3 (B).
Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.

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Cetéquipementestconforme aux limites d'exposition aux rayonnements de la IC établies pour unenvironnement non contrôé. Cetéquipement doit être installé et fonctionnerà au moins20cm dedistance d'un radiateurou de votre corps.

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