STANLEY Healthcare

T2sp Wi-Fi Protected Tag

Small form factor Wi-Fi tag designed for the Patient Protection solution

Product Highlights

- Developed for the Patient Protection Solution.

- Leverages your Wi-Fi network for true enterprise-wide visibility at the lowest total cost of ownership

- Supports full interoperability with the EX5500 Door Controller

- Supports room-level separation and egress point detection (when used with appropriate hardware)

- Replaceable battery

- Constantly supervised

T2sp Tag on a patient's wrist

Description

The STANLEY Healthcare T2sp Wi-Fi Protected Tag is a component of the Patient Protection solution.

The Patient Protection system is a nurse-driven technology designed to assist staff in preventing patient elopement from hospital units. This system provides an additional layer of security.

The tag uses Wi-Fi based wireless technology to protect patients throughout the hospital. Hospital exits are equipped with hardware mounted above or beside doorways. As a patient approaches an exit, the tag sends a special signal, identifying itself and its location. This information is relayed to the MobileView system, where an alert message is automatically displayed on the Patient Protection system.

The T2sp Tag supports full interoperability with the EX5500 Door Controller allowing activation and release of relays, such as door locks and alarms.

The tag is easily activated to a protected mode and can be quickly deactivated by dropping the tag into a Tag Drop Box with an embedded EX3210D Exciter.

Key Features

Visual Indications

T2sp Tags include an LED (green) for visual indications, such as activation.

Protected Functionality

The tag transmits a "protected signal". Additionally the tag continuously transmits "supervision" messages, indicating it is OK and that the patient is protected. The tag's functionality is protected from unintended configuration changes initiated from Exciters. The EX3210D Exciter, which is embedded in the Tag Drop Box, is used for tag deactivation purposes only.

Press Button

The tag is equipped with a press button for tag activation only. The press button is slightly raised and is found to the left of the LED.

Visual Differentiation

The T2sp Tags have different front and back labels to differentiate them from the T2s Tags. This helps prevent the assignment of non-secured tags to patients.

Easy Attachment

The tags are designed to be worn with a wrist strap on patients' wrists or ankles.

T2sp Tag with wrist straps

Room-Level Separation and Egress Point Detection

The T2sp Tag is equipped with an Ultrasound Receiver that can optionally be used for room-level separation (when used with appropriate Ultrasound Exciter hardware). Ultrasound signals do not penetrate walls, ensuring accurate room level resolution when and where required (e.g. determining if a patient is in their room).

T2sp Tags can also provide instant notifications when a patient passes through a protected egress area, such as a gate, doorway or other tightly defined area. Local door locking and alarms can be triggered when coupled with a Controller.

Replaceable battery

The T2sp Tag has a single replaceable battery that can provide power for up to 6 months*. The tags periodically report their battery level, which is displayed in MobileView.

*Tag battery life depends on Ultrasound usage.

Fast Activation and Deactivation

T2sp Tags are factory configured to a protected mode. The tag is activated by long pressing on its press button. Tag deactivation is only achieved when placing the tag into a Tag Drop Box containing an EX3210D Exciter.

Tag Dropbox with EX3210D Exciter

Compatibility and Non-interference

The tags are 802.11 compatible. The tag's clear channel sensing techniques avoid interference with Wi-Fi networks. The use of the unlicensed 2.4GHz frequency band at low power minimizes interference with other wireless equipment, making the tags safe for use with sensitive equipment, such as medical devices.

Rugged Performance

The tags meet IP-67 standard for preventing dust ingress, and withstands water immersion up to 1 meter (3 feet) for up to 30 minutes. Additionally the tags are able to withstand impacts and can be worn while taking a shower or bath.

Product Specifications

Models		
	SKU: TAG-2330P-CU-CCXG1	T2sp Wi-Fi Protected Tag with Ultrasound Receiver and Call Button, CCX Mode, Ultrasound Gen1
	SKU: TAG-2330P-CU-IBSSG1	T2sp Wi-Fi Protected Tag with Ultrasound Receiver and Call Button, IBSS Mode, Ultrasound Gen1
	SKU: TAG-2330P-CU-WDSG1	T2sp Wi-Fi Protected Tag with Ultrasound Receiver and Call Button, WDS Mode, Ultrasound Gen1
	SKU: TAG-2330P-CU-CCXG2	T2sp Wi-Fi Protected Tag with Ultrasound Receiver and Call Button, CCX Mode, Ultrasound Gen2/EX4300
	SKU: TAG-2330P-CU-IBSSG2	T2sp Wi-Fi Protected Tag with Ultrasound Receiver and Call Button, IBSS Mode, Ultrasound Gen2/EX4300
	SKU: TAG-2330P-CU-WDSG2	T2sp Wi-Fi Protected Tag with Ultrasound Receiver and Call Button, WDS Mode, Ultrasound Gen2/EX4300
Range	**Outdoor range:** Up to 200m (650 feet) **Indoor range:** Up to 80m (260 feet)	
Physical & Mechanical	**Dimensions:** 45mm x 31mm x 18mm (1.7 x 1.2 X 0.7 inch) **Weight:** 26g (0.92oz)	
Electrical	3.6V Lithium ½ AA battery (replaceable) **Battery:** Up to 6 months (depending on Ultrasound usage)	
Radio	802.11 radio (2.4 GHz); b/g compliant Low frequency receiver for chokepoint detection (125kHz) **Transmission power:** up to +19dBm (~81mW) Patented clear channel sensing avoids interference with wireless networks	
Ultrasound Receiver	40KHz	
Environmental Specifications	**Operating Temperature:** 0°C to 50°C (32°F to 122°F) **Humidity:** 0% to 100% condensing **Ingress Protection Rating:** IP-67	
Certifications	**Radio:** FCC Part 15, sub-part C class B, sub-part B EN 300-328, EN 300-330, EN 301-489 RSS 210 (Canada) ARIB STD-T66 (Japan), ARIB STD-33 (Japan) MIC (Korea) **Safety:** CE, cTUVus (EN60950)	

About STANLEY Healthcare

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