

Data Sheet:

T2su Security Tag

Small form factor Wi-Fi tag designed for the patient elopement solution

Overview

The STANLEY Healthcare T2su Security Tag is a component of our enterprise-level visibility solution based on standard Wi-Fi communication for location-based applications.

The T2su Security Tag supports the Patient Elopement solution, which is nurse-driven technology, designed to assist staff in preventing Patient Elopement from hospitals. This 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 STANLEY RTLS Controllers mounted above or beside doorways. The tag sends a Wi-Fi signal identifying itself and its location when a patient approaches the protected exit, within the controller's LF field. The Controller is then triggered to lock the door and/or trigger an alarm upon, unauthorized exit. This information is also relayed to the MobileView system, where an alert message is automatically displayed on the patient Elopement system.

The T2su Security Tag supports full interoperability with the EX5500 Controller allowing activation and release of relays, such as door locks and alarms.

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

Key Features

Bi-Color LED

The T2su Security Tags include a bi-color LED (red and green) for visual indications, such as activation.

Protected Functionality

The tag only 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, except the EX3210D Exciter, which is embedded in the Tag Drop Box, and used for deactivation purposes only.

Call Button

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

Visual Differentiation

The T2su Security 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 by patients using a wrist strap.



Product Highlights

- Fast activation
- Leverages your Wi-Fi network for true enterprise-wide visibility at the lowest total cost of ownership
- Developed for the patient elopement solution.
- Supports full interoperability with the EX5500 controller
- Supports room-level separation and egress point detection (when used with appropriate hardware)

Room-Level Separation and Egress Point Detection

The T2su Security 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).

T2su Security 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.

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Replaceable battery

The T2su Security Tag has a single replaceable battery that can provide power for up to 3 months. The tag is able to report its battery level, which is displayed in MobileView.



Tag Dropbox with EX3210D Exciter

Fast Activation and Deactivation

T2su Security Tags are factory configured to a protected mode. The tag is activated by long pressing on its call button. Tag deactivation is only achieved when placing the tag into a Tag Drop Box containing an 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.

Rugged Performance

The T2su Security Tag meets IP-67 standard for preventing dust ingress, and withstands water immersion up to 1 meter (3 feet) for up to 30 minutes.



T2su Security Tag with Wrist Strap

T2su Security Tag Specifications

Part Number	SKU: TAG-2300-CU-P-CCX	T2su Wi-Fi Security Tag with Ultrasound Receiver, Call Button and Dual Color LED. Factory set to CCX Mode.
Performance	Outdoor range: Up to 200m (650 feet) Indoor range: Up to 80m (260 feet)	
Physical & Mechanical	Dimensions: 45mm x 31mm x 18mm (1.7in x 1.2in x 0.7in) Weight: 26g (0.92oz)	
Radio	802.11 compliant (2.4 GHz) Low frequency receiver for chokepoint detection (125kHz) Transmission power: up to +19dBm (~81mW) Patented clear channel sensing avoids interference with wireless networks	
Ultrasound Receiver (can be disabled)	Frequency 40KHz	
Transmission Interval	Transmission interval is factory set to 10 seconds	
Environmental	Humidity: 0 to 100%, condensing Ingress Protection Rating: IP-67	
Electrical	3.6V Lithium ½ AA battery (replaceable) Battery Life: up to 3 months	
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) Safety: CE and cTUVus (EN60950)	

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