Data Sheet:

Tag & Exciter Detector Device (TED)

Small hand-held device for fast tag management

Product Description

The STANLEY Healthcare Tag & Exciter Detector Device (TED) is a key component of the STANLEY Healthcare's visibility solution. The small portable hand-held device is used to activate and configure tags within a selectable LF range.

TED connects directly to a PC via a USB cable. The device utilizes the Tag Manager applications, which are part of the Hardware Manager suite to quickly activate and configure STANLEY Healthcare tags.

Key Features

Wireless Operation
Using wireless technology, TED detects, activates and configures up to 80 STANLEY Healthcare tags simultaneously, including Bi-directional tags.

Configurable LF Range
The LF range of the device is configurable from 0.50 meters (1.65 feet) to 2.5 meters (8.2 feet).

LED Indication
TED includes 3 (three) multicolored LEDs for various status indications.

Micro USB Port
TED is supplied with a 1 meter Micro USB cable used for direct PC connection.

Tag Battery Initialization
After a tag battery replacement, the TED device can be used to reset tag battery counters.

Compatible with Hardware Manager
TED utilizes the Tag Manager and Tag Manager BD applications, which are part of the Hardware Manager Application, to perform specific tasks. Hardware Manager also includes a dedicated application for the TED device, which is used to view the status of the device, configure the LF range and update its firmware.

Product Highlights

- Lightweight, small form factor hand-held device
- Wirelessly detects, activates and configures tags
- Configurable LF range
- Multicolored LEDs for visual indications
- Compatible with Hardware Manager
- Micro USB port
# Product Specifications

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th>SKU: TED-1000 - TED Device incl. Micro USB cable (1 meter)</th>
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<td><strong>Performance</strong></td>
<td>Able to detect and configure up to 80 tags simultaneously</td>
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| **LF Range** | Short: 0.50 meters (1.65 feet)  
Medium: 1.5 meters (4.9 feet)  
Long: 2.5 meters (8.2 feet) |
| **Physical and Mechanical** | Dimensions: 120mm x 68mm x 20mm (4.72in x 2.67in x 0.78in)  
Weight: 120g (4.23oz) |
| **Environmental** | Operating Temperature: 0°C to 50°C (32°F to 122°F)  
Humidity: 0% to 95% RH non-condensing  
Ingress Protection Rating: IP-30 |
| **Electrical** | Micro USB Port  
4.2V Li-Ion rechargeable battery* |
| **Radio** | Wi-Fi 802.11 (2.4 GHz); b/g/n compliant*  
Bluetooth® 4.1 (2.4 GHz)*  
Low Frequency receiver (LF) 125kHz  
Transmission power: Up to +19dBm (~81mW) |
| **Audio** | Buzzer: Volume level 80dBA at 0.1 meters* |
| **Certifications** | Radio:  
FCC Part 15, ETSI 300-328, 300-330, 301-489, RSS 210 (Canada), IEC 6100 / EN 60601  
Safety:  
CE EN 60950, cTUVus  
UL 60950, IEC 60601 |
| **Accessories** | Hardware Manager Application  
SKU: HWM-1000 |

*Future Device Features*

The following features are included in the current device, however, they are disabled and currently not supported:

- LF and US receivers for Exciter detection
- Bluetooth® module for mobile pairing
- Buzzer for audio indications
- Rechargeable battery

Future features will require a firmware upgrade only.