STANLEY Healthcare

Tag & Exciter Detector Device (TED)

Small hand-held device for fast tag and Exciter management, wirelessly

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, with rechargeable battery, is used to detect, activate and configure tags within a selectable LF range, detect Exciters and measure their LF and US coverage*, and detect LF interference*.

TED connects directly to a PC via a USB cable, or wirelessly using Bluetooth® to an iOS device. TED then utilizes the Tag Manager applications, which are part of the Hardware Manager suite, or the Deployment Manager for iOS app to perform various tasks.

Key Features

Tag Manager
TED detects, activates and configures up to 80 STANLEY Healthcare tags simultaneously, including Bi-directional tags.

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

Exciter Detector*
TED receives LF or Ultrasound (Gen 1 and Gen 2) messages transmitted by Exciters. Exciter coverage area, Bad LF, Bad US (Noise Mode) and overlapping beams can then be evaluated.

LF Interference*
The device is able to detect LF interference from electrical equipment, such as computer/TV monitors, laptops, phones, etc.

Rechargeable Battery
The TED device contains a rechargeable battery that is easily charged by connecting the device to a PC's USB port. The status of the battery can be viewed using the TED Device Manager application, which is part of the Hardware Manager application.

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

Note: The Japanese version is not configurable and is limited to 0.50 meters (1.65 feet).

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

Micro USB Port
TED is supplied with a Micro USB cable used for direct PC connection and battery charging.

Connect via Bluetooth®
TED uses Bluetooth® LE 4.1 to wirelessly connect to an iOS device. TED is then controlled, wirelessly, using the Deployment Manager for iOS app.

Easy Attachment Options
The device can be worn around your neck using a lanyard or clipped on a belt using the supplied belt clip.

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 it's firmware.

Product Highlights

- Lightweight, small form factor hand-held device
- Rechargeable battery
- Detects, activates and configures tags
- Detects and measures Exciter LF and US coverage*
- Detects LF interference*
- Configurable LF range
- Multicolored LEDs for visual indications
- Micro USB port
- Bluetooth® LE 4.1 connectivity
- iOS app

*Requires the Deployment Manager for iOS app.

iOS App

The Deployment Manager for iOS app is designed for use on the Apple iPhone®, iPad® or iPod Touch®. The app connects to the TED device via Bluetooth®.

The app allows you to perform quick tasks, such as detecting, activating and viewing tag details, detecting and viewing Exciter details and measuring LF interference.

DEPLOYMENT MANAGER

● TED DEVICE

TAG OPERATIONS

DETECT EXCITERS

INTERFERENCE

STANLEY

V1.6

Product Specifications

Model	SKU: TED-1000 - TED Device incl. Micro USB cable (1 meter) and belt clip	
Performance	Able to detect and configure up to 80 tags simultaneously	
LF Range	Short: 0.50 meters (1.65 feet) Medium: 1.5 meters (4.9 feet) - (Not available in Japanese version) Long: 2.5 meters (8.2 feet) - (Not available in Japanese version)	
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	STANLEY Wi-Fi Tag Receiver Bluetooth LE 4.1 (2.4 GHz) US and Low Frequency (LF) 125kHz Receivers Low Frequency (LF) 125kHz Transmitter	
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