

T2s Small Form Factor Tag



- Real Time Location of people and assets
- Leverage standard Wi-Fi networks
- Available with or without a call button
- Various mounting options

The T2s Tag is a component of our enterprise-level visibility solution based on standard Wi-Fi communication for location-based applications.

This battery-powered tag can be worn by workers or attached to a variety of assets, enabling them to be accurately located in real-time. In addition, the same tag can be used for immediate choke-point detection, mustering, entrance/exit, call-button alerting, motion sensing and more.

T2s Tag messages are received and processed by standard Wi-Fi infrastructure. As with all our tags, location is determined through a unique beaconing method that keeps network impact low and ensures scalability and long battery life. T2s Tags are ideal for worker tracking and for a broad range of applications that streamline business processes and improve operations and workflow.

Long battery life

The T2s Tag has a single replaceable battery that can provide power for up to 4 years (depending on tag type, configuration and use case). The tag can report its battery level, which is displayed in MobileView. The tag also has a motion sensor to conserve battery life when the tag is not in motion.

Chokepoint detection

The T2s Tag includes an embedded Low-Frequency (LF) receiver. When used in conjunction with Exciters, this provides instant notifications when passing through a gate, doorway or other tightly-defined area (e.g. an unauthorised contractor entering a restricted area or workers in a hazardous environment reaching evacuation/mustering points).

Tag Management

T2s Tags are easily configured and activated, wirelessly, using the Tag Manager Application together with a Tag Activator or TED device, which are part of the Hardware Manager Kit.

Standard Wi-Fi networks

T2s Tags use any standard Wi-Fi network infrastructure, keeping costs low and making deployments fast and simple. The tags can be used to determine the location and status of people or assets. The tags' wireless messages are received by Wi-Fi access points and passed to our MobileView enterprise software.

Optional call button

An optional call button allows you to define alerts according to button presses – such as a worker call requiring immediate assistance or attention, replacing low inventory of an asset, or an asset ready to be collected for use elsewhere. Multiple messages can be set up using different button press patterns.

Rugged performance

The T2s Tag passes STANLEY internal testing to IP-67 preventing dust ingress, and withstanding water immersion up to 1 metre (3 feet).



Extronics Limited

1 Dalton Way, Midpoint 18, Middlewich, Cheshire, UK. CW10 0HU

Tel: +44 (0) 845 277 5000 Fax: +44 (0)845 277 4000 E-mail: info@extronics.com Web: www.extronics.com

426461-1.0

Message programmability

The tag has programmable messages that can be transmitted wirelessly. For example, when the call button is pressed, the tag can send an emergency message along with the location.

Flexible mounting and usage options

T2s Tags are designed to be worn by workers using a belt clip, or attached to assets using an asset cradle.



Specification

Outdoor range	Up to 200m (650 feet)
Indoor range	Up to 80m (260 feet)
Wi-Fi radio	802.11 compliant (2.4 GHz) Clear channel sensing avoids interference with wireless networks.
LF receiver	Low Frequency receiver for chokepoint detection (125kHz)
Transmission power	Up to +19 dBm (~81mW)
Dimensions	45 x 31 x 18 mm (1.7 x 1.2 x 0.7 inch)
Weight	26g (0.92oz)
Battery	3.6V ½ AA Lithium battery (replaceable)
Temperature	-30°C to +75°C (-22°F to +167°F)
Humidity	0 to 100%, condensing
Ingress protection	IP67
Radio	FCC Part 15, sub-part C class B, sub-part B EN300-328, EN300-330, EN301-489 RSS 210 (Canada)
Safety	CE and c TUVus (EN60950)

Ordering information

Description

T2s Tag. Small form factor tag for wearing or mounting on assets.

T2s Tag with call button. Small form factor tag for wearing or mounting on assets.

Order code

TAG2320

TAG2320C

Accessories:

T2s Tag Belt Clip & Cradle (20-pack)

T2s Tag Mounting Cradle (50-pack). For screw or strap mounting to assets.

T2s Tag Battery (25-pack). 1/2AA 3.6V Lithium batteries with custom-soldered wires.

Hardware Manager Kit

TAC085

TAC255

TAC232

HWM-1000



Extronics Limited

1 Dalton Way, Midpoint 18, Middlewich, Cheshire, UK. CW10 0HU

Tel: +44 (0) 845 277 5000 Fax: +44 (0)845 277 4000 E-mail: info@extronics.com Web: www.extronics.com

426461-1.0