

T2L Wi-Fi Active RFID Tag with Multi-LED visual indication



- Real-time location of assets and personnel
- Long battery life
- Fully scalable with minimal network impact
- Huge range of functionality
- Multiple LEDs

The T2L is a variation of the market leading Wi-Fi T2 tag with two extra LEDs and a transparent case so you can visually identify assets quickly and easily. The T2L helps you identify the correct asset first time - reducing human error - and minimise search times to improve production throughput. Fewer production delays means better customer satisfaction and decreased costs. The T2L is suitable for a wide variety of industries and environments, and leverages standard Wi-Fi infrastructure for lower cost and easier deployment.

Wi-Fi compatibility

T2L Tags use any standard Wi-Fi network infrastructure, keeping costs low and making deployments simple and fast as well as improving ROI of existing WLAN. The tags can be used to determine the location and status of mobile assets and people, and their wireless messages are received by Wi-Fi access points.

Chokepoint detection

Combined with Extronics Advance Exciters, T2L Tags provide instant notification when a tagged asset or person passes through a gate, doorway or other tightly-defined area. Tag behaviour can also be automatically modified when passing through a chokepoint, such as activating/deactivating tags, or changing transmission rates to accommodate different usage scenarios.

Tag programmability and storage

Up to 15 messages of 15 bytes each can be programmed onto the T2L Tag. The messages can be programmed using the Tag Management Suite or on the go when the tag is in proximity to an exciter. These messages can be transmitted and received wirelessly.

Long battery life

The T2L Tag has a single, user-replaceable battery. The tag provides a report on its battery level for timely battery replacement. The T2L Tag also has a motion sensor to conserve battery life when the tag is not in motion.

Visual indicating

The T2L has two extra LEDs within a clear casing, soon you can see the lights easily. Use the MobileView software to search for an asset and make its associated tag light up (blink), so workers can identify the right asset straight away.



Specification

Range	Outdoor: up to 200 metres (600 feet) Indoor: up to 80 metres (262 feet)
Dimensions	62 x 40 x 17mm (2.44 x 1.57 x 0.67in)
Weight	35g (1.2oz)
Battery	3.6V ½ AA lithium battery (replaceable) Battery life of up to 4 years dependant on use and environment
Ingress Protection	IP65
Temperature	-30°C to +75°C (-22°F to +167°F)
Humidity	0 to 100%, non-condensing
Radio	802.11b radio (2.4 GHz) Low frequency receiver (125 KHz) Transmission power: up to +19dBm, ~81mW Clear channel sensing avoids interference with wireless networks
Radio certification	FCC Part 15, sub part C class B, sub part B, EN 300-328, EN300-330, EN301-489, RSS 210 (Canada), ARIB STD-T66 (Japan), ARIB STD-33 (Japan), MIC (Korea)
Safety certification	CE, cTUVus (EN 60950)

Ordering information

Description

T2L Wi-Fi active RFID tag with multi-LED indication

Order code

TAG-2000-L

Accessories:

TGUARD Tag Protector with anti-static silicon skin and button cover guard	TGUARD
T2L Tag Mounting Cradle for screw or strap mounting (50-Pack)	TAC-250
T2L Tag Mounting Cradle for screw or strap mounting (50-Pack), red colour	TAC-250-R
Velcro Attachment Kit Pair (50-Pack). Includes both sides of Velcro	TAC-030
Adhesive Tape Attachment Kit	TAC-031
Screw Kit for Tag Mounting (100 units)	TAC-065
T2L Tag Belt Clip & Cradle (20-Pack)	TAC-082
T2L Tag Badge Clip Mounting Bracket (20-Pack)	TAC-270
T2L Tag Badge Clip (20-Pack) (requires TAC-270)	TAC-210
300mm long Velcro Strap for Tag Mounting (20-Pack)	TAC-035
110mm long Velcro Strap for Tag Mounting (20-Pack)	TAC-036
T2L Tag battery (25-Pack)	TAC-230
T2L Tag battery (50-Pack)	TAC-231
Hardware Manager Kit	HWM-1000

