



JT1 - Personnel Tag



JT1 Personnel Tag is an Active RFID Tag designed for personnel security, real-time tracking and access control applications. It is particularly useful for dynamic mustering and ensuring health and safety compliance. This versatile tag can be worn on a lanyard or conveniently placed in a pocket.



Features

- ✓ AES 128-bit encryption
- ✓ 4 million card numbers per site
- ✓ Robust, splash proof design
- ✓ Primarily for indoor use
- ✓ Long battery life with low voltage warning via reader
- ✓ Hands-free reading range (>15.0m)
- ✓ One Time Programmable
- ✓ Touch Free/Zonal Access Control
- ✓ ATEX available upon request

Applications



Time and Attendance
Personnel Safety
Car Parking Access

Mass Evacuation
Personnel Identification

Technical Specification

Coding:	Unique 48-bit Card ID		
Physical Size:	86 x 54 x 4.5mm	3 3/8in x 2 1/8in x 3 3/16in	
Weight:	28gm	1.00 oz	
Material:	Body:	Black ABS moulding	
	Label:	Polycarbonate label insert (73mm x 50mm x 0.2mm)	
Temperature:	-20°C to +60°C (-4°F to 140°F)		
Humidity:	100% condensing		
Battery Type:	Sealed Lithium CR2430		
Battery Low:	Typically 2 months notice		
Read Range:	Up to 15m from a single antenna		
Speed of Reading:	Typically 20 per second		
Disposal:	Return to Identec for safe disposal		
Approvals:	CE, UKCA, BLE-SIG, EN 61000-6-1:2019, EN 61000-6-3:2007+A1:2011, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.3.1		

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identeclimited

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Discover our range of hardware solutions, designed to offer real-time tracking of people and assets. This includes Active RFID tags, readers, and antennas that can be seamlessly integrated to form a complete and scalable RFID infrastructure.

Why Choose Our Solution?

- **Cost-effective vs. RFID and GPS**
- **No complex installation required**
- **Fast deployment and scalability**
- **Proven reliability in high-density environments**

Identec **tags** are categorised into personnel tags and asset tags, with a range of configurable options available to meet specific application requirements.

A variety of active **readers** are available to support diverse connectivity needs, including Serial, OSDP, RS485, Wiegand and Ethernet interfaces.

In addition, Identec provides a broad selection of **antennas**, enabling tailored deployments and precise performance across a wide range of environments and use cases.

Applications



Time & Attendance Management - Automate workforce tracking to improve accuracy and reduce administrative overhead



Mass Evacuation Management - Enable real-time visibility of personnel during emergency situations for faster and safer evacuations



Personnel Safety - Monitor worker locations and enhance safety protocols in high-risk environments



Personnel Identification - Provide secure and reliable identification for employees and visitors across facilities



Healthcare - Track patients, staff, and critical medical equipment to improve care delivery, safety, and operational efficiency



Asset Tracking - Monitor the location and utilisation of assets in real time, reducing loss and improving operational visibility



Car Parking & Access Control - Streamline vehicle entry and exit with automated identification and access management with multiple tags inside the car

With 40+ years of expertise in contactless radio frequency identification technology, we deliver innovative solutions to customers worldwide. Our products support a diverse range of applications and industries, helping organisations improve efficiency, security and asset management.

Explore our complete product portfolio at www.identec.com, or contact us to discuss your specific RFID requirements and discover how we can develop a tailored solution for your business.

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