



JT2 - Article Tag



Our advanced JT2 Article Tag provides reliable, real-time asset tracking in even the harshest environments. Its completely sealed, water-resistant design makes it perfect for industries like healthcare, manufacturing, and logistics, ensuring real-time visibility.

This solution enhances visibility, efficiency, and security across various applications, from tracking essential hospital equipment to monitoring valuable industrial assets and supply chain shipments.



Features

- ✓ AES 128-bit encryption
- ✓ 4 million card numbers per site
- ✓ Robust, highly water-resistant design
- ✓ Long battery life with low voltage warning via reader
- ✓ Hands-free reading range (>15m)
- ✓ One time programmable
- ✓ ATEX available upon request

Applications

- Healthcare – real time location of specialised equipment
- Industry – asset tracking for high value machinery
- Logistics – pallet or container tracking
- Office – tracking laptops, office equipment



Technical Specification

Coding: Unique 48-bit Card ID

Physical Size: 76mm x 56mm x 7mm 3 3/16in x 2 3/16in x 1/4 in

Weight: 36gm 1.4oz

Material: Black ABS moulding

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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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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