



JC1 - Configuration Tool



The JC1 Configuration Tool is a battery-powered tool designed to enable customisation of the JR1 Reader. It also offers access to comprehensive diagnostic information.

The JC1 is a battery-operated device that delivers diagnostic information for the system, facilitating optimisation, configuration and efficient operation. To prevent unauthorised changes to the configuration, it incorporates multiple layers of password protection.

Additionally, the system offers options for factory resetting and restoring previous configuration settings. All RF communications are secured using AES-128 encryption.

Key Features

Diagnostic Information: Assists in identifying system status, faults or performance issues.

Optimisation: Enables adjustments to enhance efficiency or performance.

Configuration: Allows for the setup or modification of system parameters.



Features

- ✓ AES 128-bit secure data exchange
- ✓ Configure JR1 via RF Field
- ✓ Battery powered for up to 8 hours usage
- ✓ Full diagnostics available
- ✓ Backup/Restore configuration across multiple readers
- ✓ Reading range up to 15m
- ✓ Firmware upgradable

Technical Specification

Physical Size: 153.4mm x 95.2mm x 33.5mm 6 1/32in x 3 3/4in x 1 5/16in

Weight: 244gm 8.6oz

Material: Dark Grey ABS moulding with decorative foil label

Temperature: -20°C to +60°C (-4°F to 140°F)

Humidity: 0-80% non-condensing

Power Requirements: Battery powered, chargeable via USB socket.

Read Range: Up to 15m from a single antenna.

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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