

# Mobile readers - RFID Trolley



The RFID Discovery trolley forms part of a passive RFID inventory management system. With all the benefits of a handheld reader, it offers a more powerful option to detect tags achieving a read range of up to 11 metres.

Fitted with a powerful industry leading reader and three passive UHF RFID antennas, it records tagged assets and inventory as it is pushed around the hospital site.



## General features

- Easy clean surface
- Secure locking top for your laptop storage
- Secure storage drawers
- Height adjustable, ergonomic and safe to use
- Robust superior build quality
- Smooth and noiseless mobility

## Key Benefits

- Rapid auditing tool
- Improves inventory management
- Helps achieve and maintain compliance including CQC and MHRA
- Department of Health/GSI compliant

“ It used to take us three months to complete a full inventory. Now we can carry out an audit of our 10,000 tagged medical devices in just three days! ”

Bryan Hynd,  
Head of Medical Physics, NHS Forth Valley

## Passive RFID

Passive RFID tracking offers a quick and efficient way of auditing medical assets in a hospital environment, helping to achieve and maintain compliance including CQC and MHRA.

Passive RFID labels are encoded with a unique ID which is linked to a particular asset in the database on registration. The label is attached to the asset and - when triggered by a reader - broadcasts a signal. Signals are picked up by the reader and sent to a central database which records the location of the device.

RFID Discovery Trolley key benefits of passive RFID rapid auditing tool improves inventory management helps achieve and maintain compliance including CQC and MHRA department of Health/GSI compliant mobile handheld reader.

## Technical Specification

- Fitted with three UHF far field antennas
- Complete with high performance passive RFID reader
- Ultra high Frequency (UHF) - 865.6 to 867.6 MHz
- In-built active RFID reader for integrated systems
- Long life Lithium ION rechargeable battery
- Read range of up to 11 metres

## Supporting your GSI implementation

Passive RFID tags can replace existing asset labels and incorporate a GSI barcode carrying a Global Asset Identifier (GIAI).

These benefits are at virtually no additional cost in comparison to a simple barcode label which does not benefit from RFID. It therefore makes sense for trusts that are relabelling medical devices with a barcode for GSI compliance to choose a passive RFID tag rather than a simple barcode label.

Even if GSI compliance is not a priority, replacing existing labels with passive RFID tags is a future-proof solution which offers many benefits



Typical GSI compliant asset label **with RFID**

## Example: Cambridge University Hospitals NHS Trust (CUH)

Implemented in May 2015, CUH were the first hospital in the UK to adopt GSI standards to manage mobile medical devices. The Trust has since improved efficiency, increased patient safety and reduced capital expenditures tracking over 37,500 medical assets with GSI compliant labels.

- Improved risk management and patient safety by using GSI system of identification
- Better understanding of the issue of devices going missing from the Trust
- Improved asset data on lower risk items such as foam mattresses

## Why choose RfID Discovery?

RFID Discovery is the recognised brand name for radio frequency identification solutions from Paragon ID, a global leader in identification solutions. Used in a growing number of hospitals across the UK for over 14 years, RFID Discovery is the number one choice for active and passive RFID systems.

Paragon ID is largest manufacturer of passive RFID labels in Europe and accredited to ISO 9001.

