RFIQ™ Library Security System

Affordable, reliable and future-proof security for Books, CD or DVD's

D-Tech's revolutionary RFIQ™ School Library Security System provides cost effective and superior perimeter based protection.

Unlike typical EM systems; RFIQ™ is 'RFID compatible', eliminates false alarms and boasts up to 95% detection accuracy.

IDEAL FOR

- Libraries needing to reduce costly book and DVD loss
- Libraries needing to replace aging or unreliable systems
- Libraries wanting wider entrance way between gates
- Libraries needing security now, but still want to have an upgrade path to full RFID functionality as funds allow

KEY BENEFITS

✓ NO false alarms

✓ Up to 95% detection accuracy

✓ Wide gate aisles of up to 1.6 metres ideal for double door entrance ways

✓ Fully upgradeable to RFID without changing hardware or retagging

✓ Lower price, lower running costs, more reliable and accurate than a typical EM library system

✓ RFIQ™ tags are supplied 'pre-activated' and are very quick and easy to apply by inexperienced helpers. Existing tags do not need to be removed.

HOW DOES AN RFIQ™ SYSTEM OPERATE?

The RFIQ™ / RFID tags applied to library items contain a microchip which is able to be wirelessly deactivated (issued) or activated (returned) by a 'Staffpad' joined to your counter computer.

When a book is placed over the workstation at the staff counter, the D-Tech Staffpad, normally mounted underneath, switches the security OFF or ON when items are processed.

If a person tries to leave the library through the security gate aisles with an active item, a loud audible alarm will start and lights will display.

Please turn over...

SO WHAT DOES AN RFIQ™ SYSTEM INCLUDE?

RFIQ™ / RFID Tags

'Smart labels' for books, DVD's, items or devices using digital radio frequency "receiver to chip" technology.

The main component of any RFID / RFIQ™ system is the tag itself. Our tags are very quick and easy to apply, are of the highest grade and are fit for reliable very long term use in your library. Compliant with ISO 18000-3 and ISO 15693 air-interface protocols and the SLI-X chips are more than capable of storing data in the industry-standard ISO 28560-2 format. Our tags can work in any RFID system using ISO15693 – ISO18000-3 (13.56Mhz).

Staffpad

An activation / deactivation pad located on top or fixed under counter-top and connected to a PC.

The RFIQ™ StaffPad (Workstation) allows for issue / returns and renewal of items at the staff counter. It can be located either on top or mounted below as it does not require direct physical contact to activate or deactivate a label. Designed and manufactured in the UK by D-Tech with some recyclable materials.

Security Gates / Antennas

Two or more free standing 'gates' with integrated alarms and lights, bolted to the floor at entrances and exits.

M180 Security Gates

The ever popular M180 security gates / antennas, finished in standard silver, with audible and visual alarm are a durable and cost effective choice. The M180 is capable of spanning a single aisle up to 1.6 metres wide (double doorway). Available in multi-aisle configurations for larger entrances.

PLEXI Security Gates

Our premium range Plexi's come in a durable Plexiglas frame with an attractive durable stainless steel base, or metal looped antennas with a coloured metal base. They are an effective deterrent and boast enhanced lighting effects with an attractive transparent design.

SOFTWARE & LMS INTEGRATION

RFIQ™ will function alongside any Windows based LMS (library management software). The provided software plugin makes activating or deactivating simple.

RFIQ™ can also integrate with many library management software systems through a security module development by D-Tech. Please contact us for more information regarding your LMS.

For more information please contact Library Plus on +64 9 410 6590 or; email info@libraryplus.co.nz or visit our website www.libraryplus.co.nz