IR-Secure 40 is a secure, encrypted 40 bit access card format proprietary to Inner Range. When using this format Inner Range is able to guarantee unique site codes and millions of card numbers per site. Inner Range have released a range of cards, fobs and a dual-format reader supporting this format.

IR-Secure 40 cards and fobs are available in two variants, Standard and Registered Site (RS):

- **Standard** - Site Codes up to 32,768 and Card Numbers up to 65,535
- **RS** - Guaranteed unique registered Site Codes and selectable card number ranges

The new Dual-format Proximity Reader reads standard Wiegand format cards (such as HID prox) and the new IR-Secure 40 format. The readers are compact, feature an attractive moulding and come at a very competitive price point.

As the readers are capable of reading Wiegand and IR-Secure 40 formats, they are well suited to multi-tenanted applications where different tenants have different card formats. The IR readers also represent an excellent platform for sites to progressively upgrade their access system to the IR-Secure 40 format whilst maintaining backward compatibility with Wiegand format cards for as long as necessary.

Standard cards and fobs purchased across the counter come with over 32,000 site code possibilities offering greatly increased security over standard 26bit Wiegand.

Registered Site Service

RS IR-Secure 40 cards and fobs offer even greater levels of security. Guaranteed unique card numbers are generated to order and registered by Inner Range in a managed database, totally dispelling the possibility of duplicate card problems associated with standard 26bit Wiegand format. These cards allow a unique site code to be registered to a specific site. Customers are also able to request specific card numbers.

Before ordering RS cards, customers must apply to register a unique site code using the IR-Secure 40 (RS) registration form, which is faxed to your Distributor. Cards and fobs are then ordered using the IR-Secure 40 (RS) order form.

Connectivity

The IR Dual-format Reader can be connected to any Concept 4000 Reader Module however firmware upgrades maybe required for Control Module, Insight and IFDAMs.

IR-Secure 40 format is supported in:

- Control Module V6.0 or later
- IFDAM Firmware V3 or later
- Insight V3.2 or later

Features:

- A new dual-format proximity card reader that reads the new IR-Secure 40 format, HID 125kHz Wiegand prox or standard EM cards and fobs
  (As of Nov 2007 the default Configuration is Dual Mode, IR-Secure 40 & Wiegand FSK-HID)
- IR-Secure 40 clamshell and ISO cards as well as key fobs
- A Registered Site service that enables customers to register a unique Site Code for an individual site
- Long read range and attractive design
- Valid and Invalid dual-colour LED, plus beeper
- Great flexibility when in Dual-format mode
- Secure and powerful encryption
- Standard IR-Secure 40 cards can have specific Site Codes (up to 32,768) and card numbers up to 65,535
- Fast turnaround for RS cards and fobs

Ordering Options

994700	IR Dual-format Prox Card Reader (Defaulted for IR-Secure 40)	
IR-Secure 40 Media	Standard	Registered Site
Clamshell Prox Card	994602	994602RS
ISO Prox Card	994600	994600RS
Key Fob	994601	994601RS

Find your nearest Accredited Dealer at:
http://www.innerrange.com/HowToBuy.cfm

Part No. DATA634700 6/07

1

www.innerrange.com

inner range
Intelligent Security Solutions