



CS Restricted Key System

General

CS Restricted Key System is a unique electronic key (silicon key) system designed to work with the CS Technologies Access Control Systems.

The Dallas Silicon Keys are a great choice for use in access control because they are:

- Robust and Water proof
- Impossible to copy.
- Unique (281,474,976,710,656 key combinations)
- Provide free advertising (each key will have your details printed on it free of charge – you can also make DIY labels)

Each button is encrypted with the following:

- Distributor id
- Installer id
- Site Code
- Key Number (1-1000)

Each Distributor and installer id have their own unique codes.

The keys are easily programmed using the CS Silicon Button pc programmer. Keys are touched to the pc reader and are instantly programmed and ready to work.

Programming is done by your CS distributor or alternatively you can purchase the programmer and do it yourself.

Why use a restricted key system?

- Makes programming keys to the system simple
- Protects your valuable customers (no one else can provide keys for your sites)
- No need to wait for your distributor to order specific keys – program them yourself instantly.
- Keys are branded with your details (free advertising)



Requirements

- Windows 95,98,Me,Nt,2000,XP,2003-10-13
- Spare serial comm. port
- CS Restricted Key Encoder Software
- CS PC Programming reader
- 12 volt dc plug pak



PC iButton Programming Station(s)

How does it work?

The CS iKey standalone controller will only read keys with the same dealer id, installer id, site code combination. If this combination is correct it will then read the key number and determine if that key has access to the door.

To program the Silicon Keys:

- Connect the PC reader to the serial port
- Connect 12 volts to the PC reader.
- Install the CS Restricted Key Encoder Software
- License the product with the three codes provided. (This will configure the program so that it can only program the keys with you appropriate codes)
 - o IKEYWRITE1.0-xxxx-xxxx-xxxx-xxxx
 - o IKEYDC1.0-xxxx-xxxx-xxxx-xxxx
 - o IKEYIC1.0-xxxx.xxxx.xxxx.xxxx



- Present the key to the reader to read what is programmed in each key.
- Enter the site code and key number, press the 'program key' button and touch the key on the programming reader to program.
- Keys can be re-programmed 4 times.
- Works with DS1982 and DS1971 keys.



Defining the Future of Access Control

