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product specification


# inigma™ SS100 & SS100C

## THE WORLD'S STRONGEST PADLOCK


### Device accreditations/approvals/tests

- BSI Kitemark approved - Secure Digital Applications - Number KM724679
- Squire Security Rated 10
- Tensile pull test to 24 tonnes (independently verified)
- Made in Britain
- Highly corrosion resistant
- Suitable for harsh environments
- 2yr guarantee

MADE IN BRITAIN

bsi Secure Digital Applications KITEMARK™ KM724679

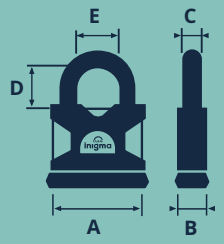
2 YEAR GUARANTEE

### Device features

- 100mm wide solid hardened steel lock body
- Open and closed versions available
- 20mm diameter hardened boron steel flying shackle (shackle is not retained in lock body)
- Dual key operated
- Anti-drill protection
- Electrophoretic anti-corrosion finish
- Protective dust cover
- Ideal for use with the STH100 padbar (closed shackle version only) for extra high security

### inigma features

- One inigma smart key fob can access this padlock and multiple other inigma devices
- Configure multiple devices from one smartphone
- Share access to your locks from one smartphone
- Set individual user operating schedules
- Comprehensive audit trails
- Maximum security, military grade AES-256-bit encryption




### Specification

| Code | Security Rating | Description | Dimensions mm | | | | | Packaging | Barcode |
|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | | |
| **SS100 INIGMA** | 10 | 100mm wide body open shackle padlock | 100 | 62 | 20 | 40 | 48 | Box | 5012245038040 |
| **SS100C INIGMA** | 10 | 100mm wide body closed shackle padlock | 100 | 62 | 20 | 33 | 28 | Box | 5012245038057 |

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# Dual key system - ideal for supervised access

## How to use


For single key use, the key is inserted into the left hand cylinder key way and rotated by 90 degrees. The key is then retracted and inserted into the right hand cylinder key way and rotated by 90 degrees.

The right hand key is retained in the key way the lock can be opened.

This process is reversed to lock the padlock.

## Dual key, two operatives, supervised access

For dual key use, the process is the same except that two separate keys are used. Both keys must be present to open the lock. One key is assigned to the left hand key way and removed once turned 90 degrees, the second key is assigned to the right hand keyway and is left inserted into the key way in order to open the lock.

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# inigma™ system

## Inigma overview

Inigma is a smart wireless access control system using BLE communication. Access to inigma Bluetooth devices is controlled via the downloadable inigma app, operating on both Android and Apple iOS devices and via the inigma website, which provides access to your account on your pc. Inigma uses AES-256-bit end to end encryption ensuring the highest level of security. You can control which locks users can access and when, and easily grant and revoke access. A clear audit trail of all device interactions can be viewed via the inigma app and website.

## Hardware actuated padlocks

The inigma padlock range are classed as a non-powered devices so power is supplied to them via the inigma key fob which also provides the means of communication between the lock and the inigma app. When the inigma key fob is placed into the inigma padlock, this provides power to the padlock and communication takes place. Once complete, the padlock decides to grant or deny access and if granted the user can turn the key to unlock.

## Control users

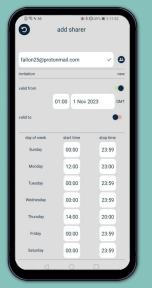
Share access to your padlocks with other inigma users via the inigma app or website, scheduling access daily at specific times and/or on specific days. Delegate the management of your padlocks to trusted others who can manage the locks on your behalf. This is all available via the inigma app or website which can also be used to remove users' access to your locks easily.

## Validity

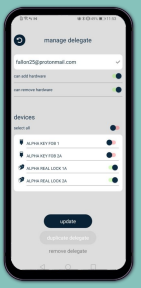
Validity provides a further layer of security for the user and is designed to limit the damage caused by lost inigma key fobs or smartphones. Validity, set to 1 day by default but can be edited in increments from an hour to up to 4 weeks. Just synchronise your key fob with the inigma app and validity is renewed. When a device's validity is expired, then access will always be denied. The inigma app displays the validity of all devices using coloured ribbons.


Activate lock


Manage lock




Add sharer




Add a delegate

## Interoperability

Easily activate interoperability via the inigma app or website to enable an inigma key fob to access locks owned by other users. When interoperability is activated on the key fob, any locks owned by others that have been delegated or shared with the user, can be accessed providing interoperability has been activated on the locks too. This means that one key fob can access locks owned by others without the need for a second key fob.

## Adding an inigma padlock to your account using the inigma app

**1.** Download the inigma app and create an inigma account.
**2.** Sign into your inigma account.
**3.** Select the **devices** option from the bottom menu bar.
**4.** Click the **+add** icon in the top right of the screen.
**5.** The SS100 padlock has two cylinders and each one must be activated via the inigma app.
**6.** Select the option to add an unpowered device to your account.
**7.** Complete device name field, click on the camera icon and scan the QR code provided for the device.
**8.** Click **activate.**
**9.** Repeat the steps 6 to 8 for the second lock cylinder.
**10.** Once activation is completed, both lock cylinders are displayed in the devices grid