Smart Key Access Control

www.loktouch.com
LOKtouch™ E-Cylinder series combines both security and convenience at the turn of a Smart Key. The unique NFC technology applied to the E-Cylinder series of products allows for fail access control without the need for expensive and difficult hard wiring of electric locks. This system shares your access permissions between the E-Cylinder and E-Key electronic components via secure encrypted NFC data transfer and it is this that allows you to manage a simple yet powerful auditable access control system.

The LOKtouch™ E-Cylinder smart technology is designed for easy installation of standard dimension cylinders reducing the setup costs and is fully expandable to areas seen as difficult to other access control systems. The LOKtouch™ E-Cylinder system contains a vast range of commercial cylinders, cam locks and padlocks suitable to harsh environments which allows access control to go beyond the limits of physically wired systems.

**KEY Features**

- **Easy to Install** – Use with new doors or easily exchanges with existing hardware
- **RFID & NFC** – Transfers permission data using RFID and NFC technology
- **Smartphone APP** – control and audit your system via your Smartphone
- **Fast** – LOKtouch Keys work by Near Field Communication (NFC) ensuring fast, encrypted transmission of access information between the key and the lock
- **Access Options** – Make your choice between E-Key, Smart Card & Access key
- **Versatility** – LOKtouch is suitable for all your security needs. It can be used in almost any localisation, from securing a small office or factory to providing access control for a school or university
- **Audit Reports** – Available with audit reports to track all access attempts
- **Flexible Access Times** – Access can be based on daily working hours, weekly timetables and annual calendars, making access simple to set, and security easy to manage.
- **Wireless** – Each LOKtouch cylinder is powered by the Key, meaning there is no requirement for expensive wiring to connect the locks
- **Software** – Available with user friendly software to allow you to completely control your own access requirements
- **Security** – Your data credentials are encrypted to ensure your system is secure 24/7. Without the use of a conventional keyway, LOKtouch is very secure against traditional manipulation attacks such as picking or lock-bumping.

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### How it Works

1. **Create & Program Locks**
   - Locks are created in LOKtouch software. Using the Program Key, program the lock information from the software to the lock.

2. **Swap Existing Locks**
   - Easily replace existing locks with LOKtouch electronic lock cylinders.

3. **Create Users**
   - Users are created in the LOKtouch software, and assigned expiry dates, validation time-frames and calendars.

4. **Create Timezones**
   - Set up different timezones to suit the requirements of your Users; i.e. business hours, weekend access, etc.

5. **Set Access Permissions**
   - Allocate which locks can be accessed by each User, and in what timezones.

6. **Program Keys**
   - Program the User Keys with the Access Permissions from the LOKtouch Software.
   - Distribute the keys assigned to each User.

7. **Collect & Review Audit**
   - You can use the optional LOKtouch Client Software to collect & review the audit trail, or the system can be managed for you by your LOKtouch dealer.
# Technical Data

<table>
<thead>
<tr>
<th>Keys</th>
<th>Cylinders</th>
<th>Software</th>
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</thead>
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<tr>
<td>Battery Life:</td>
<td>Audit Trail:</td>
<td>Compatibility:</td>
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<tr>
<td>Up to 50,000 openings</td>
<td>Retains current access events</td>
<td>Windows 7, Windows 8, Windows 10</td>
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<tr>
<td>Audit Trail:</td>
<td>Water Resistant:</td>
<td>Security:</td>
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<tr>
<td>1,000 Events</td>
<td>Sealed water resistant circuitry</td>
<td>Encrypted data</td>
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<tr>
<td></td>
<td></td>
<td>Encrypted dongle protection</td>
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</tbody>
</table>

**Technical Data**

- **Windows 7, Windows 8, Windows 10**

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