

FTC Smart Lock

Features

-  Key-Centric Access Control System
-  Battery-less Lock
-  Direct Replacement to Existing Lock
-  Configurable Smart Keys through Software
-  Able to grant access rights according to allocated personnel and time
-  Remote Access Control through NFC Technology
-  Over 170 Lock Designs Available
-  Audit Trail to ensure accountability and integrity of system



Professionals You Can Rely On

Smart Lock

Overall System Diagram



Smart-Lock Hardware Devices

- Smart key is able to be programmed with access activation either through USB programming device, or GSM Devices through NFC technology.
- A single key is able to be used to access various types of lock devices.
- Over 170 Lock design available for different applications
- All access transaction events were logged and can be monitored using the KMS-PRO Software.

Monitoring Programmer Report Locks User Time Zone Setting Tools Print Help Logout

Locks Events Access Controller Log Key Log User Operation Log

11 Records/ 50

Refresh Action

Lock Name	Event Time	Event Type	User Serial Number	User/Visitor
lock1	24.07.2013 10:18	Lock Open Success	1	Adam
lock1	24.07.2013 10:18	Lock Open Success	1	Adam
lock1	24.07.2013 10:18	Lock Open Success	1	Adam
lock1	24.07.2013 10:18	Lock Open Success	1	Adam
lock1	24.07.2013 10:18	Lock Open Success	1	Adam
lock1	24.07.2013 10:19	Lock Open Success	1	Adam
lock1	24.07.2013 10:19	Lock Open Success	1	Adam
lock1	24.07.2013 10:19	Lock Open Success	1	Adam
lock1	24.07.2013 10:19	Lock Open Success	1	Adam
lock1	24.07.2013 10:20	Lock Open Success	1	Adam
lock1	24.07.2013 10:20	Lock Open Success	1	Adam

Smart Lock

System Components



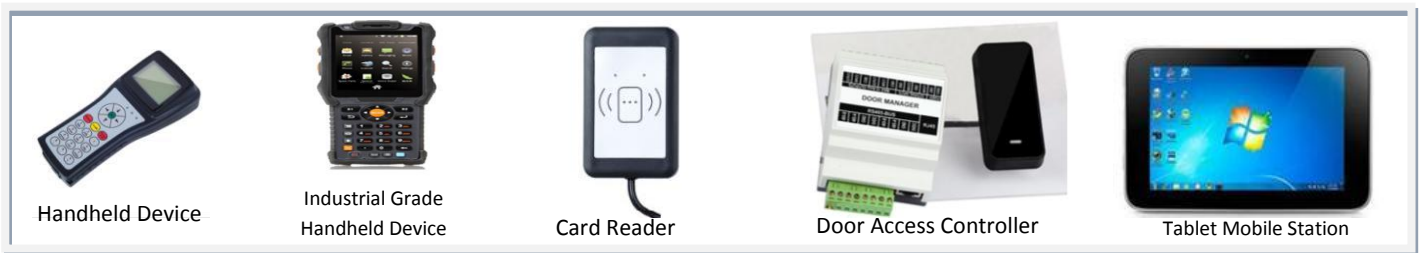
Management Key



NFC Key

Management Key: This is a stylishly designed key that can be used to modify the Lock Code, set the lock number, upload blacklisted users or retrieve log events from the lock.

NFC Key: Keys with NFC features can be configured remotely using NFC-enabled mobile phones. After installing the software on your phone, you can assign the rights for keys as well as obtain the transaction records for the key and locks.



Handheld Device

Industrial Grade
Handheld Device

Card Reader

Door Access Controller

Tablet Mobile Station

Handheld Device: The handheld device is used to transfer key information and access rights from the computer to the locks and other access readers. It is commonly used during the installation and system setup phase.

Industrial Grade Handheld Device: This device connects to the key wirelessly. It is equipped with GPS, GPRS, Bluetooth and a camera function. This rugged device is normally used outdoors to record door access, lock status, environment data.

Card Reader: The desktop Access Reader has a NFC wireless communication feature. It can be connected to a computer to configure the key access rights, reporting of lost keys, lock data and retrieving of key access data etc. It is connected to the PC via a USB port.

Door Access Controller: Door Access Controller can be used to control electric locks with programmed key access right. The system software is used to configure the controller. With its hotspot function, it can synchronize with the PC software and key data can be updated accordingly.

Tablet Mobile Station: Smart Key can be linked up with mobile phones and tablets through NFC signal for direct interaction of data, software can be installed on the device for key data management, key authorization, access information collection etc.

Smart Lock

Application and Functional Description



Transport and Logistics

Containers / Warehouse /
Depots / Checkpoint



Telecom and Data Centres

Base Stations / Database
Storage Racks



Airport

Air Hangar / Restricted
Access Area / Perimeter
Gates



Corporate Offices

Meeting Room /
Cabinets / Server Rooms



Water Plants & Public Utility Facilities

Risers / Substations/ Equipment Storage /
Hydro-electricity Facilities



Petrochemical Plants and Construction Sites

Warehousing Facilities / Storage of Controlled items /
Control Valve Locks/ Mobile Vehicle

- Smart key programming software is dedicated to manage access rights of every user. Key holder is only allowed to work within the stipulated time by the assigned personnel. The keys have limited access rights and it reduces the risk of duplication.
- The mechanical lock cylinder can be replaced easily with the intelligent cylinders of the smart Locks. A mode of access control for the locks is setup easily without having to go through the added hassle of cabling and messing wiring.
- With the Smart Lock Management software and it's the uniqueness of the cylinder design. Smart Lock gives a new dimension to the security industry.
- With a range of locks up to over 170 different types, there is always a type of lock in our Smart Lock range that can suit any specific need, regardless of the industry or operating environment.

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