

# Product Introduction & User Instructions

*Kapture KP1-D7 (KP1-D791, KP1-D7P1) Smart Home Lock With Mechanical Key  
Kapture KP1-LINK (Optional)*

05/2020

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## Agenda

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## Product Features

### Included In The Box (Smart Lock)

- A Smart Lock
- 4 AA Batteries
- A Deadbolt
- Mounting Hardware
- Installation Guide (Hardware)
- User Manual

### Available Colors

- Matt Black
- Satin Nickel

### Included In The Box (Link)

- A wifi bridge adapter
- Installation Guide


## Operation Modes

The Kapture lock can function on one of the three modes mentioned below.

- Keypad Programming Mode
  - In this mode, a smartphone is needless when operating a Kapture lock. After the hardware installation, setting the lock and adding the user's keypad code via the keypad.
- Stand-Alone Mode (Bluetooth Only)
  - In this mode, you need to download a Kapture app and register an account. You can operate the lock after a successful pairing to the lock via the Bluetooth.
  - Kapture locks can be paired under an account.
- Link Mode (Bluetooth + Wifi Bridge)

- Under Stand-Alone mode, and if connecting the Kapture lock to a Kapture Link, the lock will be capable of providing the remote control management. Not only the real-time events can pop-up on the Kapture app but also an alert notification will receive immediately on the app. Both master and family can remotely access the lock.
- Voice assistant: You can access a registered lock through Amazon Alexa or Google Assistant.

## Common Functions

- Users can access the lock via the physical key or keypad.
- An initial access code, which is the master code, is 147369. Master code is a changeable six-digit code, we suggest that it is for master use only.
- Kapture lock can store user keypad codes up to a hundred sets.
- Access the door via the turnpiece if you stay indoors.
- When the lock is on Privacy Mode, only the physical key or the Mater's Kapture app can unlock the door from the outdoors.
- Press  icon once to straightly lock the door from the exterior keypad.
- The key cover locates the exterior lock and hides the cylinder. If it stays open within a period of time, the alert will activate. And master's Kapture app will receive the alert under Link Mode.
- There is an LED on the exterior lock that tells all the access UI whether success or failure.
- Both exterior and the interior lock have a buzzer that tells all the access UI whether success or failure.
- The lock is power-saving and normally remains to hibernate. In normal use, over a year's lifetime with four AA batteries.
- Under hibernated, the exterior panel will auto-shine and ready for operating when touching by hand.
- The lock will auto-lock when the battery change. The tesla coil is useless.
- The latch recognition will do when powering on the lock for the very first time.
- The length of the user keypad code can be 4-8 digits.
- To press the reset button in the interior returns the lock to factory default.
- A low battery LED in the interior will continuously shine to notify users to change the batteries.
- Three stages of keypad lockout, preventing from the bad intention.
- Four stages of volume control, from sound to silence.
- Adjustable time period auto-lock function.
- Lock errors auto-recognition, preventing from the system error.

## Keypad Programming Mode

Requires: None

Key Features :

- Keypad Programming Mode is the default operating mode.
- This mode allows users to use the keypad, setting the lock with a Master code. (See [Keypad Programming Commands](#)).

## Stand-Alone Mode

Requires :

- A Smart Phone With Bluetooth Capability (iOS, Android Supported) and internet access.
- Install the Kapture app and [register a Kapture Cloud account](#).

Key Features :

- Equipped with Bluetooth 5.0 communication technology standards, transmit the data via AES encryption, guard against the malicious attacks from hackers.
- Encrypted-communication between smartphone and Kapture Cloud goes through SSL, guard against the malicious attacks from hackers.
- [Log in](#) the Kapture Cloud is needed when using the below functions.
- There are three different [user roles](#) in the lock, including Owner, Family, and Guest. Each role has its own user rights.
- Before operating the [lock setting](#), you have to [pair the lock with the Kapture app](#) via Bluetooth in advance.
- Users can access the door via physical key, keypad code, or the [Kapture app](#).
- The owner can [manage the user right](#) through the app and manage it anywhere you want for real-time control.
- Up to 100 Family or Guests can be invited through Owner or Family via the app to access the lock.
- Users (Owner, Family, Guest) can set their own keypad code via the app. Guest's keypad code is unique.
- There are three types of Guest's permissions: 1. Always (unlimited in a given period) 2. Weekly re-occurring 3. Single access pass.
- The Kapture app can tell all the events to the lock, including access to the lock, user right change, and system status change. Also, you may check with the user, the date and the way on the [history](#) if access via the app or keypad code.
- Directly use the app to do the [lock OTA](#) through the Kapture cloud.
- The low battery alert will notify the user's app when the smartphone is close enough.
- When using the [Report Problem](#) on the Kapture App, Pamex will respond as soon as we can to provide you better support.

## Link Mode

Requires :

- A Smart Phone With Bluetooth Capability (iOS, Android Supported) and internet access.
- Install the Kapture app and [register a Kapture Cloud account.](#)
- A Kapture LINK
- A Wifi AP

Key Features :

- Setting via a button, easy to install and remove.
- Each link can pair to a Kapture lock. After pairing the Link to the lock via the Kapture app, it will upgrade the lock from Stand-Alone Mode to Link Mode.
- All the functions in Stand-Alone Mode are equipped.
- Equipped with Bluetooth 5.0 communication technology standards, transmit the data between the Link and Kapture lock via AES encryption, guard against the malicious attacks from hackers.
- Certified-communication between the Link and Kapture lock goes through TSL, guard against the malicious attacks from hackers.
- Each guest can access the lock without any registration via a unique keypad code which is granted remotely from the other users.
- Equipped with real-time alerts. The real-time alerts can be set by Owner and families on their own app to be notified of the interested lock status.
- The owner and Family can remote access the lock.
- Provide any of the status changes to the lock and real-time events all in the record.
- Update the Link through OTA can be done via the Kapture app
- Voice control a lock via Amazon Alexa or Google assistant to access the lock.

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## Detailed Function Description

First time to power up




- A successful latch position recognition ends up the lockbolt extend and with the keypad and the Bluetooth on, the lock is ready for the sequential operation. If lockbolt extend failed, both the keypad and the Bluetooth will be off, please reset and re-on the lock.

Battery change

- ( Lock clock will be reset when power on, it will be adjusted when App/LINK connected to the lock. Before clock is adjusted, audit trails will not be created )

- The latch extends first when reconnecting the batteries with the lock unlocked.
- In Stand-Alone Mode :
  - After battery change, you need to access the lock via the Kapture app to restart the audit trail.
  - A battery change will be recorded in the audit trail.
- In Link Mode :
  - After battery change, you need to access the lock via the Kapture app to restart the audit trail.
  - A battery change will be recorded in the audit trail.

### Access the lock via the keypad code

- Wake up the exterior panel to enter the keypad code.
- The keypad code can be 4-8 digits and consists of Arabic numbers(0~9). If lasts over 10 seconds between the code inputs, the keypad panel light will go out and the input has to restart. Press  button to finish the entering. Press  button to cancel the entering information. Each press beeps and flashes once at the same time.
- After pressing  button to finish the entering, a correct keypad code makes the lock open accompanied by beeps and Led flashes in green twice, and an incorrect keypad code makes the lock open accompanied by beeps and Led flashes in red three times.
- In Stand-Alone Mode :
  - An audit trail remains. Access via the keypad codes is able to check the person who is, however, you need to ensure a code belongs to the specific person. Guest's keypad code is unique, therefore, you can tell the person for sure.
- In Link Mode :
  - An audit trail remains. Access via the keypad codes is able to check the person who is, however, you need to ensure a code belongs to the specific person. Guest's keypad code is unique, therefore, you can tell the person for sure.
  - A real-time event notifies the Owner and Family via the app. Access via the keypad codes is able to check the person who is, however, you need to ensure a code belongs to the specific person. Guest's keypad code is unique, therefore, you can tell the person for sure.

### Lock/Unlock UI

- Lock/Unlock success, the lock beeps and LED flashes in green twice.
- Lock/Unlock fails, the lock beeps and LED flashes in red three times.

### Privacy Mode


- Press the privacy button located on the top of the interior turnpiece to enter the mode. The privacy button will flash after a success press and the Led inside will light.





- Short press the privacy button, and there are two statuses that can tell out from the lit led.
  - Red LED flash x 2 - Privacy mode on
  - Green LED flash x 2 - Privacy mode off
- Long press the privacy button for 5 seconds, and there are two statuses that can tell out from the lit led.
  - Red LED flash x 2 + Beep x 2 tells the Privacy Mod is activated.
  - Green LED flash x 2 + Beep x 2 tells the Privacy Mode is closed.
- The Privacy Mode will be closed if the lock is opened via ways or re-power on.
- Once the Privacy Mode is activated, the lock will lock. If the lock remains open, the Privacy Mode is not activated.
- When the lock is on Privacy Mode, only the physical key or the Owner's Kapture app can unlock the door from the outdoors. The Kapture app will tell the lock status, the Privacy Mode is on, and be unable to cancel the Privacy Mode via the app.
- Stand-Alone Mode and LINK Mode.
  - The settings of the Privacy Mose will be in the record.





### Low Battery Level


- 10% battery level goes to Low battery level.
- The interior Led flashes every 5 seconds till to run out of the power.
- Highly suggest replacing four new batteries to the lock. If the replacement still below 10% power level, the Led will keep flashing.
- In Stand-Alone Mode :
  - Low Battery Level will be recorded in the audit trail.
- In Link Mode
  - Low Battery Level will be recorded in the audit trail, in the meantime, a real-time alert will be sent to the Owner's and Family's app.

### Keypad Programming Commands

- In the Keypad Programming mode, you may follow below keypad commands to set the lock after entering the Master code and pressing  button:

Operation	Keypad Sequence	Spec
Change Master Code	<b>00</b> New Master Code 	Default 147369 Master code always 6 digits
Clear All User Codes	<b>88</b> 	
Add User Code	<b>01</b> User Code 	輸入後永久有效. Variable-length 4-8
Delete User Code	<b>02</b> User Code 	

Set Auto-Lock delay	10 seconds 	seconds=00: off seconds=10 ~ 99 : on Default 10 secs
Set Buzzer volume	20 level 	Level = 0 : off Level = 1~3 : on, low/medium/high Default 2
Set Lock out params	40  41 	40: turn off the lockout 41: turn on lockout (default is on)

- **To operate all the above settings need the lock to be unlocked.**
- The lock exit the setting mode when the settings have changed.
- Auto-lock is suspended In the Keypad Programming mode, and it will restart when quitting the mode.
- If lasts over 10 seconds between the code input, the setting has to restart.
- Press  button to quit the Keypad Programming mode.
- The lock will exit the programming mode when an invalid input enters.
- Exterior Lock UI:
  - A successful setting : green flash x 1 + long beep x 1
  - Cancel, Timeout, Error or Fail : (red flash + beep) x 2

### Reset the lock

- After a long press on the reset button for 5 seconds with a long beep, the lock will do the latch position recognition and end up the lockbolt extend.
- If reset success, the lock returns to factory default and enters the Keypad Programming Mode, If the reset fails, please reset it again. Please note that the Bluetooth will be turned on with a successful reset, however, it will be turned off when the keypad panel awakes. If the Stand-Alone Mode is needed, you can straightly pair your smartphone to the lock when the reset is done.
- LINK Mode :
  - In this mode, the Owner and Family will receive a real-time alert if the lock is reset.
  - After resetting the lock, the LINK disconnect with the lock. [Please re-install the LINK if necessary.](#)

### Key Cover Open

- Open the key cover before access by the physical key.
- If key cover open lasts for 30 seconds, the exterior Led will keep flashing in red till the key cover is closed.
- In Stand-Alone Mode :
  - An audit trail remains.



- In Link Mode :
  - An audit trail remains.
  - A real-time alert will be sent to the Owner's and Family's app.

### Lock Out

- When locking out, the keypad panel is out of function and the Led keeps flashing slowly every 5 seconds. No the other functions to the lock will be affected.
- A lockout will be removed when successfully access the lock by any method.
- Three-stage of the lockout:
  - Stage 1: Three failed attempts lead to 3 minutes lockout.
  - Stage 2: Continuously, another three failed attempts lead to 30 minutes lockout.
  - Stage 3: Continuously, another three failed attempts will lockout permanently. Only the lock access by another method will enable the keypad.
- In Stand-Alone Mode :
  - All the lockout stages are recorded in the audit trail.
- In Link Mode :
  - All the lockout stages are recorded in the audit trail.
  - A real-time alert will be sent to the Owner's and Family's app in every lockout stage.

### Volume Control


- There are three stages of volume control. Mute is available. Default is the medium.
- Use the Keypad Command to set the volume when In Keypad Programming Mode.
- Stand-Alone Mode and LINK Mode.
  - Make sure the app can connect the lock via the Bluetooth.
  - An audit trail remains when the volume changes.

### Auto-Lock

- Auto-lock can be off. The factory default is on and delays 10 seconds
- The delay can be 10~99 seconds.
- Use the Keypad Command to set the volume when In Keypad Programming Mode.
- Stand-Alone Mode and LINK Mode.
  - Make sure the app can connect the lock via the Bluetooth.
- Stand-Alone Mode :
  - An audit trail remains
- LINK Mode :
  - An audit trail remains

### Lock Error

- Lock error situations

- The latch does not extend thoroughly when user access via the keypad code or the app.
  - Exterior Led beeps and flashes in red three times.
  - The app shows the lock jammed icon.
  - An alert is sent.
- The latch does not retract thoroughly when user access via the keypad code or the app.
  - Exterior Led beeps and flashes in red three times.
  - The app shows the lock jammed icon.
  - An alert is sent.
- Access by keypad code when the latch retracted.
  - Exterior Led beeps and flashes in red twice.
- Access by  icon on the keypad when the latch retracted.
  - Exterior Led beeps and flashes in red twice.
  - Notice: It activates the keypad disabled rules.

### Kapture Cloud Account Registration (Sign Up)

- First, you need to register a Kapture Cloud account and log in to operate the app. If the email ID is repeated, please try another one to register. Please note that a successful registration will no longer revise the email ID.
- Registration needs a valid email ID and its length can be up to 100 digits. The length of the user name can be up to 100 digits. The code length should be 8~10 digits with uppercase, lowercase, and at least one number(0~9).
- You may receive the confirmation email to the email address you registered. The confirmation code in the email has 6 digits, and the registration success when entering it to the app. If you fail to receive the confirmation email, please check the junk mail first. Besides, you may resend the confirmation email as well. The confirmation code is valid in 60 minutes.

### Log in the Kapture App

- Log in with your email ID and password.
- The app will remember your login information, needless to input again when you use the app in the next time. However, if you log out of the app, the login is necessary.
- An account allows you to log in a device, the new login will let the former one log out.
- Change Password function helps you to reset the password when you forget.
- Users can have all the information of the authorized locks in the app

### Pairing the app to the lock via the Bluetooth (Adding A Lock)

- The pairing is needed between the Kapture app and the lock when you need the app to manage the lock.
- Please keep the QR code on the battery cover and the packing box. You will need the QR code to pair the lock when you reset the lock the other day.

- A lock can be paired to a Kapture Cloud account. And the account will be the Owner to the lock.
- To change the Owner, please reset the lock and pair it to another new account. The former Owner account will no longer access the lock via the app and removal to the lock is recommended. The Link needs to re-pair as well if you have one.
- After completing the pairing, a Bluetooth icon will pop up on the app to the lock you set. The Bluetooth icon shows on the access page in the app and tells the availability to the lock through the app. Remember that some functions can not be used when out of the Bluetooth connection.

### Lock Settings in Kapture App

- Lock settings on the Kapture app :
  - Change the keypad code.
  - Volume control: three stages and mute.
  - Lock out(Keypad disabled): off/on
  - Auto-lock: off/on (delay 10-99 seconds)

Please note that Guest can only set the volume.

- Lock information on the Kapture app:
  - Serial No
  - Firmware Version
  - Model No
  - Battery Level (change by time)
- To change the settings needs the app to connect with the lock through the Bluetooth.
- All the settings keeps in the audit trail.

### User Roles

- Different account has a different user role.
  - Owner
    - The account has paired to the lock.
    - Able to remove the lock.
    - Able to invite/cancel another account to access the lock.
    - Able to check the audit trail.
    - Able to revise the lock settings and the keypad code(Master Code).
    - Able to update the firmware of the lock and the Link.
    - Able to access the lock at any time when near the lock.
    - In LINK Mode :
      - Able to receive a real-time alert/notification.
      - Able to access the lock remotely.
  - Family
    - Invited by Owner.
    - Able to invite/cancel another account to access the lock.

- Able to check the audit trail.
  - Able to revise the lock settings and the keypad code.
  - Able to access the lock at any time when near the lock.
  - In LINK Mode :
    - Able to receive a real-time alert/notification.
    - Able to access the lock remotely.
- Guest
  - Invited by Owner/Family.
  - Able to set the volume to the lock.
  - Given a specific keypad code.
  - Able to access the lock with an invitee-given time limitation when near the lock.

### Access the lock through the app

- Stand-Alone Mode
  - Both the access time and the user name keeps in the audit trail.
- Link Mode
  - The lock will be opened via the Link if the Link is functional. Also, you can access the lock via the Bluetooth when it is in connection or the Link is out of work.
  - Both the access time and the user name keeps in the audit trail.
- All the failed access will generate a lock jammed audit trail.

### Permissions

- The owner can manage the user right to a lock after lock pairing, and all the settings will keep in Kapture Cloud. The inviter can set an account for a user role by inviting, and an account can be invited once. The email ID is needed as an invitee. The invitee can be invited via the email to receive an invitation mail or a mobile phone number to receive an SMS.
- Inviter can invite or cancel permission when the Kapture app is connected with the internet.
- There are two user roles that can choose: Family or Guest. The Family has much the same user rights as the Owner, excluding removing the lock, adding a Link, removing themselves and Owner.
- Three types of Guest's permissions:
  - Always
    - Set a start date and a due date, however, a due date can be ignored.
  - Re-occurring
    - Set a start date and a due date, however, a due date can be ignored. In the meantime, set a weekly schedule by days, and up to a period per day.
  - Single access pass
    - Set a start date and a due date, however, a due date can be ignored. In the meantime, the user can access once.

- An invitation accompanied a keypad code. Different operation modes deal with the keypad code differently.
  - Stand-Alone Mode:
    - When invited, a 4-7 digits keypad code, called Master code to Owner, needs to be set when the invitee's app is in connect with the lock via the Bluetooth. The keypad code can be the same as others(Family or Owner).
    - Guest is not allowed to set the keypad code. An eight digits keypad code will generate on the Kapture app when the app is in connect with the lock via the Bluetooth. All the exiting Guest code is unique.
    - No keypad code will be received from an SMS or the invitation email.
  - Link Mode :
    - The lock will require the invitation via the Link/Internet immediately. If the Link is out of work, inviter is able to invite the invitee through the Stand-Alone Mode.
    - When a Family is invited, a 4-7 digits keypad code, called Master code to Owner, needs to be set when the invitee's app is in connect with the lock via the Bluetooth. The keypad code can be the same as others(Family or Owner).
    - When a Guest is invited, the eight-digits keypad code will generate right away, and Guest will receive it through an SMS or the invitation email.
- The invitee will receive instruction in the invitation email for the Kapture App download and account registration.
- In LINK Mode, the invitee can access the door via the keypad code without carrying the smartphone and the app.
- To generate/remove permissions keeps in the audit trail
- The first time for Invitee to log in the Kapture app will be kept in the audit trail. Also, in LINK Mode, the inviter will receive real-time notification on the app.

## Audit Trail

- The audit trails will be kept in the lock, and be transmitted to Kapture Cloud through the Kapture App or the LINK when available.
- In Stand-Alone Mode, the audit trails will be transmitted when an authorized app is linked to the lock. Therefore, Kapture Cloud cannot receive the real-time audit trail.
- In LINK Mode, the audit trails will be transmitted to Kapture Cloud. Therefore, Kapture Cloud can receive a real-time audit trail.
- You can use the filter on the Kapture App to have a quick-select.
- Below are the 26 categories of the audit trails.

1	Lock by App at <datetime> by <email, fullname>
2	Unlock by App at <datetime> by <email, fullname>
3	Lock Manually at <datetime> by <email, fullname>

4	Unlock Manually at <datetime> by <email, fullname>
5	Lock by keypad at <datetime>
6	Unlock by keypad at <datetime> by <email, fullname>
7	Lock by privacy mode on at <datetime>
8	Lock remotely by App at <datetime> by <email, fullname>
9	Unlock remotely by App at <datetime> by <email, fullname>
10	New Invitation to <email, name> by <email, fullname>
11	Invitation accepted by <email, name>
12	Invitation to <email, fullname> removed by <email, fullname>
13	Lock setting <type of setting> changed to <setting value> by <email, fullname>
14	Lock added to <email, fullname> at <datetime>
15	Lock battery low at <datetime>
16	Lock battery changed at <datetime>
17	Audit trail started at <datetime> after battery changed
18	Lock jam at <datetime>
19	Lock cover open at <datetime>
20	Auto-lock at <datetime>
21	Firmware upgrade start at <datetime>
22	Firmware upgrade fail at <datetime>
23	Firmware upgrade success at <datetime>
24	Lock out for 3 mins at <datetime>
25	Lock out for 30 mins at <datetime>
26	Lock out forever at <datetime>

#### Report Problem

- When using the Report Problem on the Kapture App, Pamex will respond as soon as we can to provide you a better support.

## Lock Firmware Update

- You can use the Kapture App to update the lock firmware and check if the latest version exists through Kapture Cloud.
- The app is able to update the lock firmware when the smartphone is in connect with the lock via the Bluetooth. Please make sure the smartphone is close enough to the lock and leave before ensuring a successful update message shown on the app when updating the lock firmware.

## Install/Remove LINK

- You can find the LINK installation function on the Kapture App which is already paired to a lock.
- The QR code is on the socket side and the packing box. You will need to scan the QR code to pair the LINK to the lock.
- Before goes further, please ensure the LINK is plugged firmly. No barriers between the LINK and the lock to have a good Bluetooth connection(the distance should be in 5~10 meters).
- Both the account and password of the home Wifi AP is needed when setting the LINK.
- The LINK has a button with the Kapture icon on the front and a LED on the upper. Below are the LINK UI.
  - The following functions on the power on with the Led flashing once in green.
  - The led lights in red before the pairing.
  - Long press the Kapture button for 5 seconds makes the LINK return to factory default. The Led flashes in red rapidly.
  - The Led flashes in green rapidly when finding the Wifi AP.
  - The Led flashes in red slowly when the LINK is connected to the Wifi AP but the lock.
  - The Led flashes in green slowly. Success pairing.
  - The Led flashes in green rapidly. The LINK is transmitting the data.
- After completing the pairing, a Wifi icon will pop up on the app to the lock you set. The Wifi icon shows on the access page in the app and tells the availability to the lock through the app.
- Remove the LINK on the Kapture App first, and have a long-press to the button to re-pair the LINK. The lock goes to Stand-Alone Mode if the LINK is removed.
- After completing the pairing, the Owner and Family can manage the real-time notification settings and can receive the push notification from the lock.

## Real-time notification

- After completing the LINK pairing, the Owner and Family can manage the real-time notification settings and can receive the push notification from the lock.
- Please ensure the Kapture App notification will not be blocked from your smartphone settings.

- Owner and Family can subscribe to the push notification which is interested. Below are the push notifications that we provide. Please note that the Security Alert cannot be disabled due to its significance.

	<b>Category</b>	<b>Notification</b>
1	Family, Guest Specific	<lockName> locked by app at <datetime> by <email,fullname>
2	Family, Guest Specific	<lockName> unlocked by App at <datetime> by <email, fullname>
3	Family, Guest Specific	<lockName> locked by keypad at <datetime>
4	Family, Guest Specific	<lockName> unlocked by keypad at <datetime> by <email, fullname>
5	Family Specific	<lockName> locked remotely by App at <datetime> by <email, fullname>
6	Family Specific	<lockName> unlocked remotely by App at <datetime> by <email, fullname>
7	Family, Guest Specific	<lockName> invitation accepted by <email, name>
8	Security Alerts	Lock <lockName> battery low at <datetime>
9	Security Alerts	Lock <lockName> reset at <datetime>
10	Security Alerts	Lock <lockName> jam at <datetime>
11	Lock Action	Lock <lockName> cover open at <datetime>
12	Security Alerts	Lock <lockName> locked out for 3 mins at <datetime>
13	Security Alerts	Lock <lockName> locked out for 30 mins at <datetime>
14	Security Alerts	Lock <lockName> locked out forever at <datetime>
15	Security Alerts	Link of Lock <lockName> firmware upgrade done at <datetime>
16	Security Alerts	Link of Lock <lockName> firmware upgrade failed at <datetime>

## Upgrade LINK Firmware



## FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

## NCC Statement

### 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。  
前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。