COOLCAD ELECTRONICS

GateKeeper

Gatekeeper User Manual Ver. 1.0

Table of Contents

I.....

Table of Contents..... 1

II.....G

ateKeeper System.....3

Keyfob.....3

USB Lock..... 3

Package Contents..... 3

III..... P

roduct Overview..... 3

Description.....3

GateKeeper Key Fob..... 4

GateKeeper USB Lock..... 4

GateKeeper Software.....4

GateKeeper App.....4

IV.....I

nstallation and Setup.....4

Download Software.....4

Install GateKeeper software.....4

Running the software..... 5

Key enrollment.....5

5000 College Ave, Suite 2103
College Park MD, 20740

301.405.3363

contact@coolcadelectronics.com
coolcadelectronics.com

Enabling Log on/off functionality 5
Adjusting the lock/unlock range 5
Deleting a key 5
Feedback 5
Software is ready to use 5
V. GateKeeper Smartphone App 6
Requirements: 6
Installation 6
Adding a Key 6
Deleting a Key 6
Renaming a Key 6
Locate Function 7
Alert Mode 7
Battery Level Indicator 7
VI. Replacing the Battery 7
VII. Troubleshooting 7

GateKeeper System

Keyfob

USB Lock

Package Contents

- GateKeeper Key Fob
- GateKeeper USB Lock
- Extra CR2032 Battery
- Key ring

Product Overview

Description

The GateKeeper is a lock and key system for your computer. Using the GateKeeper software and associated hardware, the user can automatically lock or unlock his/her computer based on the proximity of the Key fob and the USB Lock.

GateKeeper Key Fob

- Size: 45 mm x 25 mm x 6.5 mm
- Operating voltage of 2.5V to 3.6V
- Operating temperature of -40 to +85 C
- CR2032 battery (replaceable)
- Expected battery life – 3 months to 6 months
- RF Connection range: Up to 30 feet

GateKeeper USB Lock

- Size: 22 mm x 15 mm x 4.5 mm
- Operating voltage of 4.5V to 5.5V
- Operating temperature of -40 to +85 C
- Compatible with USB 2.0 and USB 3.0

GateKeeper Software

- Windows 7, 8 and 8.1
- Mac OS X

GateKeeper App

- Android 4.3 or higher
- iOS 7 or higher
- Bluetooth 4.0 enabled smartphones
- Android devices include – Samsung Galaxy S3, Samsung Galaxy S4, Samsung Galaxy S5, HTC One, Nexus 4, Nexus 5
- iPhones include – iPhone 4s, iPhone 5c, iPhone 5s

Installation and Setup

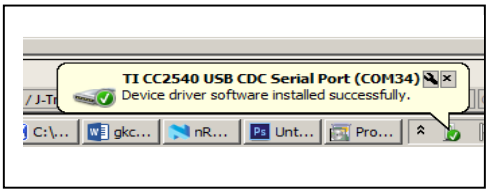
Download Software

- Download the GateKeeper software from www.gkchain.com/download

Install GateKeeper software

- Run the downloaded file ***Setup.exe***

- Follow the on-screen instructions for installing the GateKeeper software.
- Accept any driver installation requests that appear – these drivers are for communicating with the dongle component



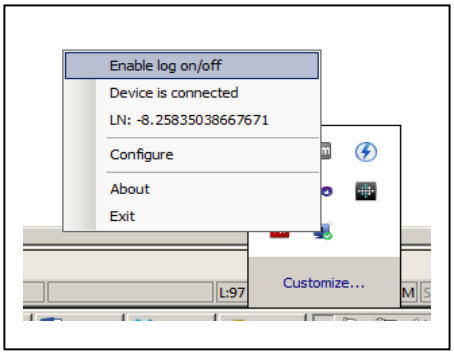
Running the software

- Once the installer finishes, plug the USB dongle into one of your computer's USB ports. It will be recognized as a Texas Instruments communication device.
- Now you can start the GateKeeper software from the Start menu

Key enrollment

- Currently the GateKeeper software supports one key at a time.
- If no keys are currently enrolled, GateKeeper will display the ***Key Enrollment Wizard*** when the software is started.
- Follow the on-screen instructions for setting up your key.

Enabling Log on / off functionality



- When the GateKeeper software is running, an icon will be present in the taskbar. Right click this icon every time the program is started and select "***Enable log on/off***"
- The text will change to "***Disable log on/off***". Clicking it will enable or disable the automatic log on and log off functionality.

Adjusting the lock / unlock range

Deleting a key

Feedback

Software is ready to use

- Your GateKeeper is now set up and ready to use
- When you walk enough distance away from the computer, the computer will lock. When you walk back to it, the computer will unlock.

GateKeeper Smartphone App

The Key locator feature of GateKeeper enables the user to find the GateKeeper Key using his/her smartphone.

Requirements:

- Android 4.3 or higher
- Bluetooth 4.0 Enabled Smartphone

Installation

- Download the app from the Google Play store for your Android device or from the Apple App Store for your iPhone.
- Install the app on your smartphone

Adding a Key

- Press the + button to add a GateKeeper Key fob to the app
- Place the Key fob very close to the phone
- A list of available Keys will be displayed
- Select the one with the smallest number written to its right.
- Once selected, the Key fob will beep for a few times.
- Confirm that the correct Key Fob was selected on the app.
- Type in the name of the Key and hit “OK”
- This will add the Key to your list
- A key can also be added by clicking the “Switch Keys” button at the bottom and then touching the “+” sign.

Deleting a Key

- Select the key to be deleted from the “Switch Keys” menu
- Hit the “Delete” icon [PUT ICON HERE]
- Confirm that you want to delete the key by choosing OK on the dialog box

Renaming a Key

- Select the key to be edited from the “Switch Keys” menu

- Hit the “Edit” icon [PUT ICON HERE]
- Insert a new name of the Key and hit OK

Locate Function

- Select the Key to be located from the “Switch Keys” menu
- Hit the “Locate” button
- If the Key is in range, the app will show how far the Key is with the signal strength bar graph. The buzzer on the Key will also start beeping.
- Once the Key is close to the phone, the app will cause the phone to beep.
- Exit the Locate menu by touching anywhere on the phone

Alert Mode

- Select the key to be put in alert mode from the “Switch Keys” menu
- Enable the Alert mode by turning on the “Alert” switch
- If the key is in range, the “Alert” mode will be enabled
- The phone will beep and display a message whenever the key goes out of range
- The Alert mode can be disabled by turning off the “Alert” switch

Battery Level Indicator

- Select a key from the “Switch Keys” menu
- The capacity of the key’s battery will be indicated in the top right corner

Replacing the Battery

- Open the back cover of the Key Fob
- Remove the CR2032 battery from the case
- Insert a new CR2032 battery with the right polarity
- Close the back cover

Troubleshooting

FCC STATEMENT

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

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.

RF warning statement:

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