

GPS LOCK



Product Introduction

HHD G-Lock meeting the operation needs of transportation, logistic, oil, security industry, private organizations and government departments. We successfully combine realizable mechanical lock, GPS and advance wireless communication technology to make the heavy duty and high security intelligent locks.

HHD G-LOCK can communicate through GSM, LTE, RFID, NFC, Bluetooth, LoRa and a feature-rich user-friendly web platform, sending you accurate tracking information, lock status and real time warning alerts and automatic unlock according to your predefined time.

HHD G-LOCK is a robust high security lock and designs for outdoor environment operation. It has a build-in high capability battery providing necessary power for the lock operation, this means no external battery or power source needs for your operation.

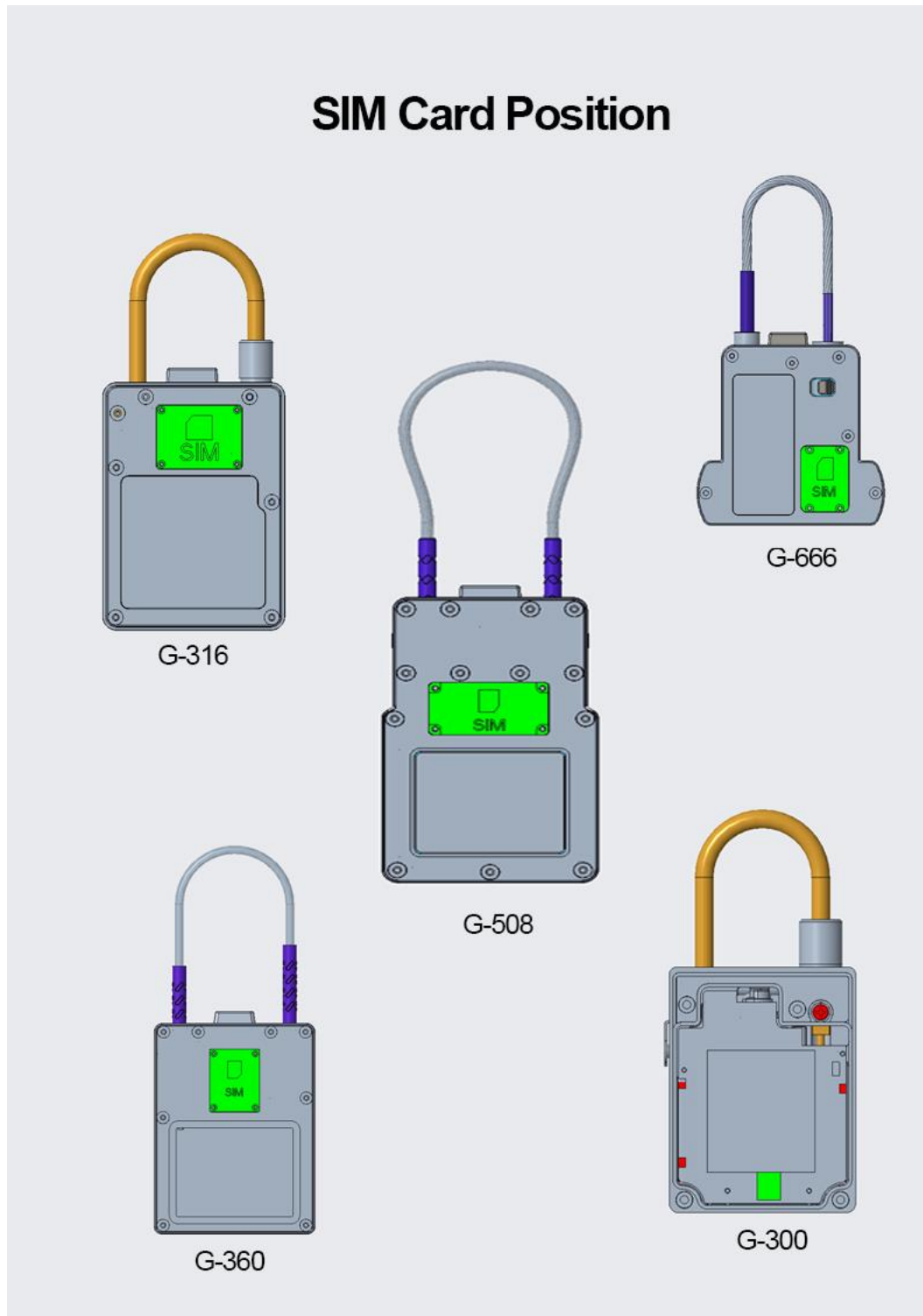
HHD G-LOCK is opened or locked by Cellular, RFID, NFC, Bluetooth devices or our “HHDLINK IoT System” Web platform. Each “open” and “close” with important time and location information can be optionally stored in the platform.

*** THE MODEL AND VERSION NOT SAME, THERE AER SOME DIFFERENCE FOR FEATURE**

OLED Icon Definition



Sim Card Installation:



- 1) Use screwdriver remove cover screws.
- 2) Install the SIM card, check and set the correct parameters.
- 3) Restore the cover and fix well the screws.

Noted: After installed the sim card if the LED Screen or platform occurred the alarm icon and information, please swipe unseal card or unlock from App or Platform, if still keep the alarm, double check and tighten the cover screws.



HHDLINK APP Configuration: **HHDLINK app can be download from App store.**

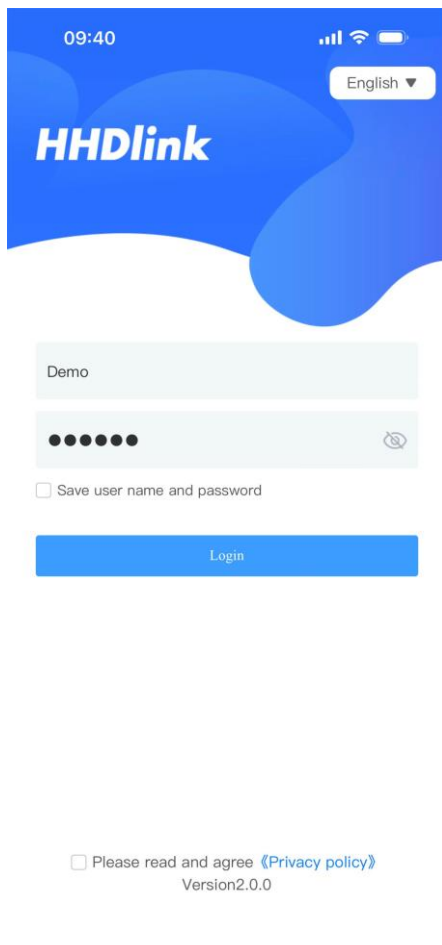
Note:

If the device can't work on the web-platform, through the Bluetooth app to check the basic parameters whether correct: [Devices - Setting - Parameter](#)

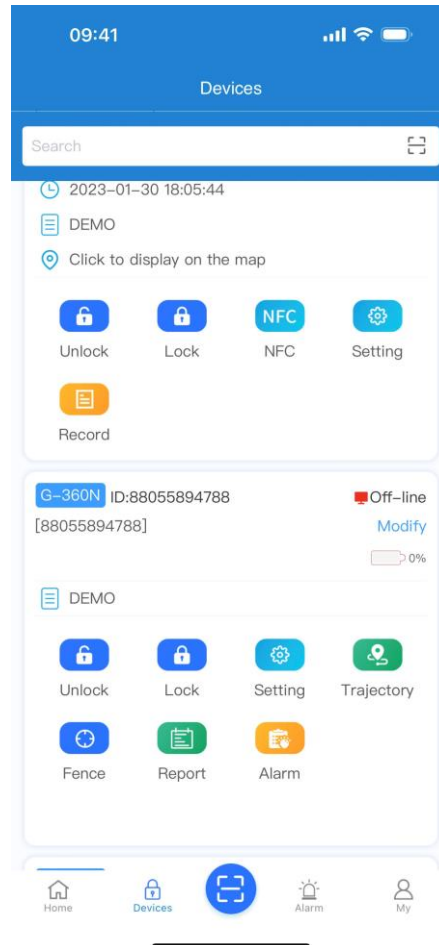
- 1) Terminal serial number (I.E. Device ID Must be 12digits)
- 2) Master server address: IP address OR domain name and Port
- 3) APN information whether corresponding to your SIM card
- 4) Real-time clock time (Calibration without GPS) whether correct (must be GMT+8)

***Strongly suggest check above mentioned the parameters when you install the sim card to the device, usually the basic information correct then you will find the devicescreen network Icon and Data transferring Icon appear**

	Network connected
	Data transferring



Login USER INFO



Click Devices

10:51

Setting

Sensor NFC Power BLE Communi...

Master server address, IP/Domain name:
device.hhdlink.top

Backup server address, IP/Domain name:
Please enterBackup server address, IP/Domain name

Server TCP port:
19005

Backup server TCP port:
Please enterBackup server TCP port

APN name (sim card 1):
cmiot

APN username (sim card 1):
guse

APN password (sim card 1):

Write Read

10:07

Setting

GNSS BLE Time Power NFC

Timed report interval: in seconds (s):
35

Terminal heartbeat sending interval, in seconds (s):
185

Real-time clock time (Auto calibrate via network and available to read):
20230131020247

Set time zone of terminal screen display time:
UTC+8

Timed unsealing, Max 5 sets of date and time:
Please enterTimed unsealing, Max 5 sets of date and t

Write Read

Parameter Setting:

In the Parameter Set section, can configure some basic device information, usually after set the CORRECT SIM CARD APN then the device will connect the network and work in the platform, some other parameters please according to your actual situation to adjust.

Time report interval:

The time report interval value more than 600 sec will auto change to fixed wake-up mode which means the device once report the data to server will into sleep status until next schedule time. (Fixed wake-up mode don't affect the alarm setting and trigger)

SMS Configuration & Setting

IP Setting:

Send (Example): HL66556688: IP, 198.11.173.175,19005, 198065617508,0030

Explanation:

66556688: Lock Password (Default)

198.11.173.175: Server IP address

19005: Server Port

198065617508: Device / Lock ID (must be 12 digital numbers)

0030: Time interval for upload data to platform

Responding:

Setting Successes: HL: IP, 198.11.173.175,19005, 198065617508,0030, OK

Setting Failed: HL,IP,error

Wrong Password: HL,IP,key,error

No answer if basic format wrong

APN Setting:

Send (Example): HL66556688: APN,cmnet,guse,guse

Explanation:

66556688: Lock password

cmnet : APN name

guse : User Account (NULL is accepted)

guse : User Password (NULL is accepted)

SMS Responding:

Setting successes: HL: APN, cmnet, guse,guse,OK

Setting Failed: HL, APN,error

Wrong Password: HL, APN,key,error

No answer if basic format wrong

Locking / Unlocking Command:

Send (Example): HL66556688: LOCK or HL66556688: OPEN

Responding:

Setting Successes: HL: OPEN, OK or HL: LOCK, OK

Setting Failed: HL: OPEN, error or HL: LOCK, error

Wrong Password: HL: OPEN, key, error or HL: LOCK, key, error

No answer if basic format wrong

Password Change:

Send (Example): HL66556688:KEY,87654321 Explanation:

Key: Command identifier

87654321: New password (8 bytes, only Arabic numbers accepted)

Query Device Configuration Info:

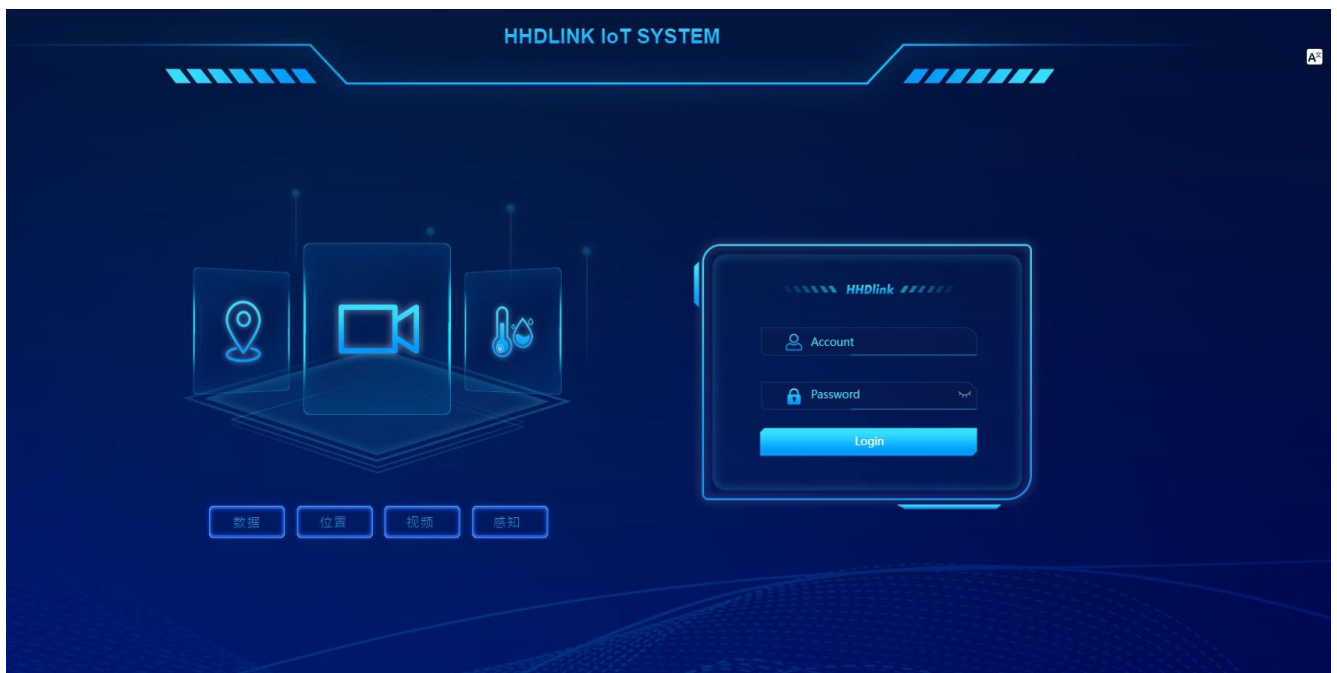
Send: HL66556688:INFO

Restore to Factory Setting: Send:

DEFAULT*HHD

Web-Platform Login

<http://www.hhdlink.top/>



Note: after installed the sim card and set the related parameters correctly, login the platform with the USERNAME and PASSWORD we provided then you can monitor and manage your device.