

Development Document

Confidential

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1、 Recover default IP:

*#SIP0#

Reply: IP SET OK

Auto Restart than working

2、 Modify IP /Port /APN and Restart System

*#IPS <single charactor APN number (0~9) > 059.042.254.248,2008,2009,<APN>

Reply: IP SET OK

Example: Only modify IP and port:

*#IPS0059.042.254.248,2008,2009#

Modify APN into CMNET:

*#IPS5059.042.254.248,2008,2009,CMNET#

Auto Reset then working

3、 Modify APN

*#APNS<aa><APN>#

aa: 2 charactors APN length (00~32)

APN: APN charactor

REPLY: APN SET OK

EXAMPLE : Modify APN into CMNET:

*#APNS05CMNET#

Manual Restart then working

4、 Message Restart Command

*#RESET#

reply: RESET

5、 Inquire the E-lock IP /Port/APN and ID parameter

*#IPC#

Reply :ID:<lock ID>,IP:< “IP” >,<TCP port>,<UDP port>,<APN>

Example: ID:12005001,IP:"058.061.152.124",5007,5007,CMNET

6、 E-lock status inquire

*#LSC#

Reply:

ID:<lock ID>,GPS=<gps status>,NET=<online status>,CSQ=<signal value>,Vbat=<Voltage(percentage)>,SEAL=<Seal/Unseal status>,ROD=<Lock pole status>

>,ROD2=<Right lock pole status>,MOTO=<MOTOR STATUS>

Gps status: 0: GPS closed, A: Accurate positioning, V: Not accurate positioning;

Online status: 0: lock offline, 1: lock online;

Signal value: 00~32;

Voltage(percentage): battery voltage+Power percentage

Seal/unseal status: W: waiting, S: Seal; U: Unseal, A:Alarming;

Lock status: C: Closed, O: Open, X: Cut off;

Right lock pole status: C: Closed, X: Cut off;

Motor status: 0:Release, 2:Off

Example:

ID:12005001,GPS=0,NET=0,CSQ=27,Vbat=3.69V(30%),SEAL=W,ROD=C,ROD2=C,MO
TO=2

7、 Time Interval Inquire

*#UTC#

Reply:

ID:<lock ID>,GPS TIME LEN=<Online Timed upload Interval>S,SLEEP TIME
LEN=<Sleep time interval>S

Example: ID:12502001,GPS TIME LEN=30S,SLEEP TIME LEN=3600S

8、 E-lock version Enquir

*#VER#

Reply version No,Example: TTV1_H7ATE39_17010302

9、 Message Upgrade Command

*#IAP1,P,112.74.131.151,1919,HEX,GDWgdw?1/04,file name,..#

Reply: Program update now! (means command correct ,upgrading is in processing)
Cmd error! (means command error ,upgrading is forbidden)

10、 Message Control Command

*#SKZ<opcode><key>#

opcode: Seal AA Unseal BB Alarming Remove CC Checking status EE

key: 6 charactor operation key

Reply operation Result:

Checking Status Reply:

Command	Reply	Memo
EE	Lock state:LOCKOUT	Still
	Lock state:WAIT	Waiting
	Lock state:LOCK	Seal
	Lock state:Alarm cleared	Alarm removed

	Lock state:ALARM	Alarming
	Lock state:UNLOCK	Unseal
AA	lock fail: battery low!	Low battery ,seal fail
	Lock ok.	Seal Successfully
	Lock fail: NOT LOCKED.	Lock fail, Seal fail
	Lock again.	Lock again
	Lock fail: CUT ALARM!	Cut Alarm, Seal fail
	Lock fail: OPEN ALARM!	Open Alarm, Seal fail
BB	Unlock fail:key error!	Unlock fail:key error!
	Unlock ok.	Unlock ok.
	Unlock fail: CUTALARM!	CUT ALARM!Useal fail
	Unlock fail: OPENALARM!	Open Alarm. Useal fail
	Unlock again.	Unlock again.
	Unlock fail: NOT LOCKED!	Unlock fail:NOT LOCKED!
CC	Clear alarm fail: key error!	Clear alarm fail: key error!
	Clear alarm ok.	Clear alarm ok.
	Clear alarm fail:NO ALARM!	Clear alarm fail:NO ALARM!

Example: Unlock:key123456 Send Command: *#SKZBB123456#

11、 Still&Sleep Switch

*#TT%REST=0# Turn off Still&Sleep function

*#TT%REST=1# Turn on Still&Sleep function

Note: Only work for the lock with this function