

Interface Input Parameter Description

1. Authorization for temporary sealing/unsealing card

Interface method

com.maxvision.edge.gateway.sdk.setting.LockSettingService#authSealOrUnsealCard

parameter declaration

name	type	Mandatory	description	Example values
commandLogId	String	yes	Operation log primary key ID, UUID	76a6df28-2813-43de-a19f-e6e656a15a3d
lockCode	String	yes	Lock number: 4 letters + 10 digits	CNMV0023659798
commandType	String	yes	Type of operation instruction (see Appendix I)	authUnsealCard
subCmdType	String	yes	Sub-command type (same as commandType)	Unlock card authorization: authUnsealCard
binding	Boolean	yes	Bound or unbound; true: bound, false: unbound	true

cardType	String	yes	Card type: Universal: a universal card	universal
cardNo	String	yes	IC card number: 8-digit hexadecimal number (capital letters)	0A1B2C3D

Request example

```
{
    "commandLogId": "76a6df28-2813-43de-a19f-e6e656a15a3d",
    "lockCode": "CNMV0023659798",
    "commandType": "authUnsealCard",
    "subCmdType": "authUnsealCard",
    "binding": true,
    "cardType": "universal",
    "cardNo": "0A1B2C3D"
}
```

2. GPS Report Interval Setting

Interface method

com.maxvision.edge.gateway.sdk.setting.LockSettingService#gpsIntervalSetting

parameter declaration

name	type	Mandatory	description	Example values
commandLogId	String	yes	Operation log primary key ID, UUID	76a6df28-2813-43de-a19f-e6e656a15a3d
lockCode	String	yes	Lock number: 4	CNMV0023659798

			letters + 10 digits	
commandType	String	yes	Type of operation instruction (see Appendix I)	gpsIntervalSetting
gpsInterval	String	yes	GPS time interval, in seconds. Any integer value between [10,65535]	100

Request example

```
{
  "commandLogId": "20241017001",
  "lockCode": "CNMV0023659798",
  "commandType": "gpsIntervalSetting",
  "gpsInterval": "100"
}
```

3. SMS VIP Setting

Interface method

com.maxvision.edge.gateway.sdk.setting.LockSettingService#smsVipSetting

parameter declaration

name	type	Man dator y	description	Example values
commandLogId	String	yes	Operation log primary key ID,	76a6df28-2813-43de-a19f-e

			UUID	6e656a15a3d
lockCode	String	yes	Lock number: 4 letters + 10 digits	CNMV0023659798
commandType	String	yes	Type of operation instruction (see Appendix I)	smsVipSetting
smsVipList	List<SmsVipSettingObj>	yes	VIP SMS list	

SmsVipSettingObj				
name	type	Man dator y	description	Example values
index	String	yes	Slot index. Any integer value in [1,5]	1
phone	String	yes	VIP number, 4 to 20 digits long, containing numbers (0-9) or symbols (+ and-)	13666666666
pushAlarm	Boolean	yes	Whether an alarm is pushed	true

Request example

```
{
  "commandLogId": "20241017001",
  "lockCode": "CNMV0023659798",
  "commandType": "smsVipSetting",
  "smsVipList": [
    {
      "index": "1",
      "phone": "13000000000",
      "pushAlarm": true
    },
    {
      "index": "2",
      "phone": "13222222222",
      "pushAlarm": false
    }
  ]
}
```

}

4. Multiple IP Setting

Interface method

com.maxvision.edge.gateway.sdk.setting.LockSettingService#multiIpSetting

parameter declaration

name	type	Man dator y	description	Example values
commandLogId	String	yes	Operation log primary key ID, UUID	76a6df28-2813-43de-a19f-e 6e656a15a3d
lockCode	String	yes	Lock number: 4 letters + 10 digits	CNMV0023659798
commandType	String	yes	Type of operation instruction (see Appendix I)	multiIpSetting
primary	MultiIpS ettingObj	yes	host ip	
secondary	MultiIpS ettingObj	deny	assistant ip	

MultiIpSettingObj				
name	type	Man dator y	description	Example values
ip	String	yes	The IP address or domain name to which the device is bound	192.168.101.101
tcpPort	String	yes	The TCP port number bound to the device (1-4 digit numbers)	1001

apn	String	deny	APN (maximum length 50)	CMNET
account	String	deny	APN account (maximum length 50)	account
password	String	deny	APN password (maximum length 50)	password
domain	boolean	yes	Whether to use a domain name (based on the type of incoming IP. If the incoming IP is a domain name, true; if the incoming IP is an IP, false)	false

Request example

```
{
  "commandLogId": "20241017001",
  "lockCode": "CNMV0023659798",
  "commandType": "multiIpSetting",
  "primary": {
    "ip": "192.168.101.1",
    "tcpPort": "1010",
    "apn": "CMNET",
    "account": "account1",
    "password": "pwd1",
    "domain": false
  },
  "secondary": {
    "ip": "192.168.101.2",
    "tcpPort": "2010",
    "apn": "CMNET2",
    "account": "account2",
    "password": "pwd1",
    "domain": false
  }
}
```

5. Operation (sealing/unsealing) Instructions

Interface method

com.maxvision.edge.gateway.sdk.setting.LockSettingService#operateCommand

parameter declaration

name	type	Man dator y	description	Example values
commandLogId	String	yes	Operation log primary key ID, UUID	76a6df28-2813-43de-a19f-e6e656a15a3d
lockCode	String	yes	Lock number	CNMV0023659798
commandType	String	yes	Operation instruction type	Seal: seal Unseal: unseal
cmdType	String	yes	Command word type	Seal: seal Unsealing: unseal
forTrip	Boolean	deny	operational objectives	

Request example

```
{
  "commandLogId": "20241017001",
  "lockCode": "CNMV0023659798",
  "commandType": "seal",
  "cmdType": "seal",
  "forTrip": true
}
```

6. Set the Mode Switching Instruction

Interface method

com.maxvision.edge.gateway.sdk.setting.LockSettingService#changeDeviceMode

parameter declaration

name	type	Man dator y	description	Example values
commandLogId	String	yes	Operation log primary key ID, UUID	76a6df28-2813-43de-a19f-e6e656a15a3d
lockCode	String	yes	Lock number	CNMV0023659798
commandType	String	yes	Operation instruction type	Switch mode: changeDeviceMode
deviceMode	int	yes	Device operating mode	End of trip: 0 Trip activation: 1

Request example

```
{
  "commandLogId": "20241118332",
  "lockCode": "CNMV0011112222",
  "commandType": "changeDeviceMode",
  "deviceMode": 0
}
```


Appendix I: List of Instructions

Instruction code value	commandType	Instruction type	description
seal		Seal	
unseal		de-archive	
gpsIntervalSetting			Set the time interval for scheduled upload
authUnsealCard			Unblock card authorization
smsVipSetting			Set the SMS VIP number
multiIpSetting			Change the main and secondary IP/domain name instructions
changeDeviceMode			Switch the device mode