

## 5.1. Programming codes / SMS

Command	Comment	Example & Descriptions
ECHO	Test panel	Send SMS Example => <b>ECHO</b> :
USRS	Change user PIN code setting	Send SMS Example => <b>USRS:1,1,1234,user,1</b> Parameter 1: Enter <b>1</b> Parameter 2: User ID <b>1~10</b> = User PIN Code# <b>95</b> = Guard Code <b>96</b> = Master Code <b>97</b> = Temp Code <b>98</b> = Duress Code <b>99</b> = Installer Code Parameter 3: 4-digit PIN code Parameter 4: User name Parameter 5: Latch report, <b>0 = No, 1 = Yes</b>
USRD	Delete user	Send SMS Example => <b>USRD:1,2</b> Parameter 1: Enter <b>1</b> Parameter 2: User PIN Code # ( <b>2~10</b> ) <Note:> You cannot delete User 1 or special users
RPEX	Change report setting	Send SMS Example => <b>RPEX:1,1,0,gsm://1234@0234567890</b> Parameter 1: Report Destination # ( <b>1~8</b> ) Parameter 2: Report group assigned ( <b>1~5</b> ) Parameter 3: Report level. <b>0</b> = All <b>1</b> = Alarm <b>2</b> = Status Parameter 4: Report destination
VRPT	Change voice report setting	Send SMS Example => <b>VRPT: 1,80,1,1,0987654321,5</b> Parameter 1: Follow-on function ( <b>0=disable, 1=enable</b> ) Parameter 2: leave blank Parameter 3: Hands-free function ( <b>0=disable, 1=enable</b> ) Parameter 4: Callback timer in minutes ( <b>0~10, -1 = unlimited</b> ) Parameter 5: Service call telephone number Parameter 6: Two-way Timer in minutes ( <b>1~5, -1 = unlimited</b> )
DEAN	Add device by RF ID code	Send SMS Example => <b>DEAN:1,1,0123456789,name</b> Parameter 1: Enter <b>1</b> Parameter 2: Zone number ( <b>1~40</b> ) Parameter 3: RF ID code in hex string, <b>10</b> or <b>14</b> digit length Parameter 4: Device name
DEED	Change device setting	Send SMS Example => <b>DEED:1,1,,name,01,0,00,0</b> Parameter 1: Enter <b>1</b> Parameter 2: Zone number ( <b>1~40</b> ) Parameter 3: leave blank Parameter 4: New zone number ( <b>1~40</b> ), leave blank if unchanged Parameter 5: Device name Parameter 6: Device Setting in bitwise hex string BIT0_1 = Permanent Bypass BIT0_2 = Latch Report BIT0_5 = Always On BIT0_6 = Normal Open BIT0_7 = Chime Parameter 7: Attribute <b>1</b> = Perimeter <b>2</b> = Interior <b>5</b> = Home Delay <b>6</b> = Perimeter, Follower <b>7</b> = Interior, Follower <b>8</b> = Entry1 <b>9</b> = Interior with Delay <b>10</b> = 24 Hours <b>11</b> = Fire <b>12</b> = Medical Emergency <b>13</b> = Water <b>14</b> = Set/Unset <b>15</b> = Silent Panic <b>16</b> = Personal Attack <b>17</b> = Trigger Scene

		<p><u>18</u> = Silent Burglar  <u>19</u> = Entry2  Parameter 8: PSS groups in bitwise hex string, BIT1 to BIT8 for Group 1~8, keep blank for non-PSS devices.  Parameter 9: Trigger Scene number (<u>0,100~109,0=disable, 100=Scene 1, 109 = Scene 2...etc</u>)</p>
DEDL	Remove Device	<p>Send SMS Example =&gt; <b>DEVD:1,3</b>  Parameter 1: Enter <b>1</b>  Parameter 2: Zone number (<b>1~40</b>)</p>
DEBP	Temporary Bypass Zone	<p>Send SMS Example =&gt; <b>DEBP:1,2,1</b>  Parameter 1: Enter <b>1</b>  Parameter 2: Zone number (<b>1~40</b>)  Parameter 3: <b>0=Normal, 1=Bypass</b></p>
PSSW	Switch on/off PSS	<p>Send SMS Example =&gt; <b>PSSW:1,1,1,10</b>  Parameter 1: Enter <b>1</b>  Parameter 2: Zone number (<b>1~40</b>)  Parameter 3: Action <b>0=Off, 1=On, 2=Toggle</b>  Parameter 4: Period in minutes (<b>0~1440, 0=always</b>)</p>
PSSG	Switch on/off PSS group	<p>Send SMS Example =&gt; <b>PSSG:1,1,10</b>  Parameter 1: PSS group (<b>1~8</b>)  Parameter 2: Switch type, <b>0=Off, 1=On</b>  Parameter 3: Period in minutes (<b>0~1440, 0=always</b>)</p>
PSDM	Switch dimmer	<p>Send SMS Example =&gt; <b>PSDM:1,1,80</b>  Parameter 1: Enter <b>1</b>  Parameter 2: Zone number (<b>1~40</b>)  Parameter 3: Switch level (<b>0,10,20,30~100</b>)</p>
RQMD	Request media	<p>Send SMS Example =&gt; <b>RQMD:1,3</b>  Parameter 1: Enter <b>1</b>  Parameter 2: Zone number (<b>1~40</b>)</p>
SYSS	Change system settings	<p>Send SMS Example =&gt; <b>SYSS:5,1,720,60,,PROG,10000,-10000</b>  Parameter 1: AC fail timer in minutes (<b>0~60, 0=disable</b>)  Parameter 2: Jamming report (<b>0=disable, 1=enable</b>)  Parameter 3: Auto check-in report interval in minutes (<b>0~1440, 0=disable</b>)  Parameter 4: Auto check-in report offset in minutes (<b>1~720</b>)  Parameter 5: Keyword  Parameter 6: P-word  Parameter 7: High temperature in 100x °C (<b>-1000 ~ 5000, 10000=disable</b>), ex: 1234=12.34°C  Parameter 8: Low temperature in 100x °C(<b>-1000 ~ 5000, -10000=disable</b>), ex: 1234=12.34°C  Parameter 9: Bypass GSM/IP fault (<b>0=disable,1=IP,2=GSM</b>)  Parameter 10: Quick Key (<b>0=disable, 1=enable</b>)  Parameter 11: External Tamper (<b>0=disable, 1=enable</b>)</p>
DTZS	Change panel date & time	<p>Send SMS Example =&gt; <b>DTZS:2013/3/22_12:05:09,0</b>  Parameter 1: Date &amp; time, format: YYYY/M/D_h:m:s  Parameter 2: Timezone  <u>0</u> = UTC  <u>1</u> = Los Angeles  <u>2</u> = Denver  <u>3</u> = Chicago  <u>4</u> = New York  <u>5</u> = Moncton  <u>6</u> = London  <u>7</u> = Paris  <u>8</u> = Istanbul  <u>9</u> = Moscow  <u>10</u> = Taipei  <u>11</u> = Tokyo  <u>12</u> = Sydney  <u>13</u> = Auckland  <u>14</u> = Adelaide  <u>15</u> = Brisbane  <u>16</u> = Darwin</p>
REST	Reboot panel	<p>Send SMS Example =&gt; <b>REST:5</b>  Parameter 1: Delay time in second (<b>1~5</b>)</p>
FTRS	Reset panel to factory default	<p>Send SMS Example =&gt; <b>FTRS:0,0</b>  Parameter 1: Network settings, <b>0=reset, 1=keep</b>  Parameter 2: Device settings, <b>0=reset, 1=keep</b></p>
ARAS	Change area setting	<p>Send SMS Example =&gt; <b>ARAS:1,720,0,0,0,3</b>  Parameter 1: Enter <b>1</b>  Parameter 2: Supervision timer in minutes <b>0~1440, 0=Disable</b>  Parameter 3: Final door <b>0=Disable, 1=Enable</b>  Parameter 4: Arm fault type <b>0=Confirm, 1=Direct</b>  Parameter 5: Tamper alarm type <b>0=Full Arm Only, 1=Always</b></p>

		Parameter 6: Alarm length in minutes <b>0~15, 0=Disable</b>
<b>ATMR</b>	Change area timer setting	<p><i>Send SMS Example =&gt; ATMR:1,10,10,,,30,30,,,10,10</i></p> <p>Parameter 1: Enter <b>1</b></p> <p>Parameter 2: Away entry1 timer in seconds (<b>0~70</b>)</p> <p>Parameter 3: Home entry1 timer in seconds (<b>0~70</b>)</p> <p>Parameter 4: keep blank</p> <p>Parameter 5: keep blank</p> <p>Parameter 6: Away exit timer in seconds (<b>0~70</b>)</p> <p>Parameter 7: Home exit timer in seconds (<b>0~70</b>)</p> <p>Parameter 8: keep blank</p> <p>Parameter 9: keep blank</p> <p>Parameter 10: Away entry2 timer in seconds (<b>0~70</b>)</p> <p>Parameter 11: Home entry2 timer in seconds (<b>0~70</b>)</p>
<b>ASND</b>	Change area sound setting	<p><i>Send SMS Example =&gt; ASND:1,2,2,2,2,2,2</i></p> <p>Parameter 1: Enter <b>1</b></p> <p>Parameter 2: Door chime sound, <b>0=Silent, 1=Low, 2=Medium, 3=High</b></p> <p>Parameter 3: Away entry sound, <b>0=Silent, 1=Low, 2=Medium, 3=High</b></p> <p>Parameter 4: Home entry sound, <b>0=Silent, 1=Low, 2=Medium, 3=High</b></p> <p>Parameter 5: Away exit sound, <b>0=Silent, 1=Low, 2=Medium, 3=High</b></p> <p>Parameter 6: Home exit sound, <b>0=Silent, 1=Low, 2=Medium, 3=High</b></p> <p>Parameter 7: Warning beep sound, <b>0=Silent, 1=Low, 2=Medium, 3=High</b></p>
<b>NWCF</b>	Change network configuration	<p><i>Send SMS Example =&gt; NWCF:1,192.168.0.1,255.255.255.0,192.168.0.254,192.168.0.101</i></p> <p>Parameter 1: DHCP or static IP, 0=static IP, 1=DHCP</p> <p>Parameter 2: IP address for static IP, enter 0 if DHCP is selected</p> <p>Parameter 3: Subnet mask for static IP, enter 0 if DHCP is selected</p> <p>Parameter 4: Gateway for static IP, enter 0 if DHCP is selected</p> <p>Parameter 5: DNS for static IP, enter 0 if DHCP is selected</p>
<b>NTPS</b>	Change SNTP configuration	<p><i>Send SMS Example =&gt; NTPS:240,pool.ntp.org</i></p> <p>Parameter 1: sync internal in minutes (240~1440)</p> <p>Parameter 2: SNTP server, disable if empty</p>
<b>SMTP</b>	Change SMTP setting	<p><i>Send SMS Example =&gt; SMTP:smtp://user:password@msa.hinet.net,user@example.com</i></p> <p>Parameter 1: SMTP server URL</p> <p>Parameter 2: SMTP sender from</p>
<b>WBSC</b>	Change web username / password	<p><i>Send SMS Example =&gt; WBSC:admin,admin1234</i></p> <p>Parameter 1: Web username</p> <p>Parameter 2: Password</p>
<b>XMPP</b>	Change XMPP setting	<p><i>Send SMS Example =&gt;</i></p> <p><b>XMPP:xmpp://user:password@192.168.0.190:5222,domain,admin,40</b></p> <p>Parameter 1: XMPP server URL</p> <p>Parameter 2: XMPP server domain</p> <p>Parameter 3: Buddy list</p> <p>Parameter 4: Ping interval in seconds (<b>10~60</b>)</p>
<b>GAPN</b>	Change GPRS APN setting	<p><i>Send SMS Example =&gt; GAPN:internet,,</i></p> <p>Parameter 1: GPRS APN</p> <p>Parameter 2: GPRS user name</p> <p>Parameter 3: GPRS password</p>
<b>GMMS</b>	Change MMS APN setting	<p><i>Send SMS Example =&gt; GMMS:mms,,,http://mmsc,10.1.1.7,8080</i></p> <p>Parameter 1: MMS APN</p> <p>Parameter 2: MMS user name</p> <p>Parameter 3: MMS password</p> <p>Parameter 4: MMS server</p> <p>Parameter 5: MMS proxy</p> <p>Parameter 6: MMS proxy port (<b>1~65535</b>)</p>
<b>RSTG</b>	Reset GSM	<i>Send SMS Example =&gt; RSTG:</i>
<b>UPLD</b>	Change media upload setting	<p><i>Send SMS Example =&gt; UPLD:1,http://192.168.0.190:8080/upload/up-post.php</i></p> <p>Parameter 1: Upload destination (<b>1~5</b>)</p> <p>Parameter 2: Upload destination URL</p>
<b>UPPF</b>	Change media upload prefix	<p><i>Send SMS Example =&gt; UPPF:1234</i></p> <p>Parameter 1: Media upload prefix</p>
<b>FMUG</b>	Panel Firmware Upgrade	<p><i>Send SMS Example =&gt; FMUG:http://192.168.0.190:8080/firmware/upgrade.bin</i></p> <p>Parameter 1: URL to download firmware</p>
<b>HAAS</b>	Apply home automation scene	<p><i>Send SMS Example =&gt; HAAS:1</i></p> <p>Parameter 1: Scene Number (<b>1~10</b>)</p>