# Milesight Network Video Recorder Application Programming Interface.

## CGI Specification

2018-10-23 V 1.0.7

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# Revision history

| Revision | Date | Description | Author |
|---|---|---|---|
| Draft | 2016/03/28 | Draft version | david.milesight |
| V1.0.1 | 2016/12/19 | Add remote_live_view_ex、remote_playback_ex、local_playback_ex、local_live_view_ex、tri_channels_ex<br><br>Add control qt url<br><br>Modify "add.camera.channel" | flycat milesight |
| V1.0.2 | 2017/05/10 | get.status.motion<br><br>get.system.sysinfo | david.milesight |
| V1.0.3 | 2017/10/26 | set.schedule.motion_audible_sched<br><br>get.schedule.motion_audible_sched<br><br>set.schedule.motion_email_sched<br><br>get.schedule.motion_email_sched<br><br>set.schedule.motion_others<br><br>get.schedule.motion_others<br>set.schedule.videoloss_audible_sched<br>get.schedule.videoloss_audible_sched<br>set.schedule.videoloss_email_sched<br><br>get.schedule.videoloss_email_sched<br>set.schedule.videoloss_alarm_output<br><br>set.schedule.alarmin_audible_sched<br><br>get.schedule.alarmin_audible_sched<br><br>set.schedule.alarmin_email_schedget.schedule.alarmin_email_sched<br><br>set.schedule.alarmin_ptz_sched<br><br>get.schedule.alarmin_ptz_sched<br><br>set.schedule.alarmin_alarm_output<br>set.camera.privacy_mask<br><br>get.camera.privacy_mask<br><br>set.record.batchsetting | yun.milesight |

| V1.0.4 | 2017/12/8 | test.try.camera.ipcconn | flycat milesight |
|--------|-----------|-------------------------|------------------|
| | | get.camera.ipcimage.enhance | |
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| | | get.camera.ipcimage.display | |
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| | | get.camera.all.modelinfo | |
| | | get.camera.fisheye.mode | |
| | | set.camera.fisheye.mode | |
| V1.0.5 | 2018/05/22 | Update | yun.milesight |
| | | get.camera.ipcparam | |
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| | | set.network.port | |
| | | get.network.port | |
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| | | get.network.p2p | |
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| V1.0.6 | 2018/10/15 | Update | hrz.milesight |
| | | get.playback.pbdayinfo | |
| | | get.playback.rtspurl | |
| | | set.playback.start | |
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| | | get.playback.playtime | |
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| | | set.playback.speed_batch | |
|---|---|---|---|
| | | set.playback.close | |
| | | set.playback.close_batch | |
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| V1.0.7 | 2018/10/23 | Update | hrz.milesight |
| | | set.schedule.motion_effective_sched | |
| | | set.schedule.motion_audible_sched | |
| | | set.schedule.motion_email_sched | |
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| | | get.event.exception_info | |
| | | get.disk.recycle_mode | |
| | | set.disk.recycle_mode | |

## 1.1 NETWORK

| Parameter | Values | Description |
|---|---|---|
| mode | int | Working mode<br>0 : Multi-address<br>1 : Load Balance<br>2 : Net Fault-tolerance |
| host_name | String, max 128 | Device name |
| miimon | int | |
| bond0_primary_net | int | |
| bond0_enable | int | Enable bond0<br>0 : No<br>1 : Yes |
| bond0_type | int | Bond type<br>0 : Static IP<br>1 : DHCP |
| bond0_ip_address | IP address | Bond0 ip |
| bond0_netmask | IP address | Bond0 netmask |
| bond0_gateway | IP address | Bond0 gateway |
| bond0_primary_dns | IP address | Bond0 primary DNS |
| bond0_second_dns | IP address | Bond0 second DNS |
| bond0_mtu | integer | Bond0 mtu |
| lan1_enable | Boolean | Enable lan1<br>0 : No<br>1 : Yes |
| lan1_type | Boolean | Lan1 type<br>0 : Static IP<br>1 : DHCP |
| lan1_ip_address | IP address | Lan1 ip |
| lan1_netmask | IP address | Lan1 netmask |
| lan1_gateway | IP address | Lan1 gateway |
| lan1_primary_dns | IP address | Lan1 primary dns |
| lan1_second_dns | IP address | Lan1 second dns |
| lan1_mtu | integer | Lan1 mtu |
| lan2_enable | Boolean | Enable lan2<br>0 : No |

| | | 1 : Yes |
|---|---|---|
| lan2_type | Boolean | Lan1 type<br>0 : Static IP<br>1 : DHCP |
| lan2_ip_address | IP address | Lan2 ip |
| lan2_netmask | IP address | Lan2 netmask |
| lan2_gateway | IP address | Lan2 gateway |
| lan2_primary_dns | IP address | Lan2 primary dns |
| lan2_second_dns | IP address | Lan2 second dns |
| lan2_mtu | integer | Lan2 mtu |

Example: Get general parameter

http://192.168.9.129/sdk.cgi?action=get.network.general

To set general network parameters.

Example: Set general parameter

http://192.168.9.129/sdk.cgi?action=set.network.general&mode=0&host_name=NVR&bond0_primary_net=0&bond0_enable=1&bond0_type=1&bond0_ip_address=192.168.9.129&bond0_netmask=255.255.252.0&bond0_gateway=192.168.8.1&bond0_primary_dns=192.168.1.1&bond0_second_dns=&bond0_mtu=1500&lan1_enable=1&lan1_type=0&lan1_ip_address=192.168.9.129&lan1_netmask=255.255.252.0&lan1_gateway=192.168.8.1&lan1_primary_dns=8.8.8.8&lan1_second_dns=&lan1_mtu=1500&lan2_enable=0&lan2_type=0&lan2_ip_address=192.168.200.127&lan2_netmask=255.255.255.0&lan2_gateway=192.168.200.1&lan2_primary_dns=192.168.1.1&lan2_second_dns=&lan2_mtu=1500&lan1_dhcp_gateway=&lan2_dhcp_gateway=&tri_alarms=0

| Parameter | Values | Description |
|---|---|---|
| enable_ssh | Boolean | Enable ssh<br>0 : disable<br>1 : enable |
| ssh_port | integer | SSH Port |
| http_port | integer | HTTP Port |
| rtsp_port | integer | RTSP Port |
| sdk_port | integer | SDK Port |
| url | String, max 12 | URL |
| url_enable | Boolean | Enable url<br>0 : disable<br>1 : enable |
| enable_push | Boolean | Enable push<br>0 : disable<br>1 : enable |
| https_port | integer | HTTPS Port |

Example: Get general parameter

http://192.168.9.129/sdk.cgi?action=get.network.port

To set port network parameters.

Example: Set port parameter

http://192.168.9.129/sdk.cgi?action=set.network.port&enable_ssh=1&ssh_port=22&http_port=

80&rtsp_port=554&sdk_port=1100&url=192.168.9.129&url_enable=1&enable_push=0&https_p
ort=1111

| Parameter | Values | Description |
|---|---|---|
| username | String, max 64 | Email user name |
| password | String, max 64 | Email passwordl |
| smtp_server | String, max 64 | Smtp server address |
| port | integer | Smtp port |
| sender_addr | String, max 128 | Sender address |
| sender_name | String, max 64 | Sender name |
| enable_tls | Boolean | Enable TLS<br>0 : disable<br>1 : enable |
| enable_attach | Boolean | Enable attach<br>0 : disable<br>1 : enable |
| capture_interval | integer | Capture interval |
| receiver_id0 | integer | Receiver id |
| receiver_address0 | String, max 128 | Receiver address |
| receiver_name0 | String, max 64 | Receiver name |
| receiver_id1 | integer | Reciver id |
| receiver_address1 | String, max 128 | Receiver address |
| receiver_name1 | String, max 64 | Receiver name |
| receiver_id2 | integer | Receiver id |
| receiver_address2 | String, max 128 | Receiver address |
| receiver_name2 | String, max 64 | Receiver name |

Example: Get general parameter

http://192.168.9.129/sdk.cgi?action=get.network.email

To set email network parameters.

Example: Set email parameter

http://192.168.9.129/sdk.cgi?action=set.network.email&username=david&password=hws8205&
smtp_server=stmp.milesight.cn&port=25&sender_addr=david@milesight.cn&sender_name=davi
d@milesight.cn&enable_tls=1&enable_attach=0&capture_interval=0&receiver_id0=0&receiver_
address0=bug@milesight.cn&receiver_name0=bug@milesight.cn&receiver_id1=0&receiver_add
ress1=&receiver_name1=&receiver_id2=0&receiver_address2=&receiver_name2=

To test email network parameters.

Example: test email parameter

http://192.168.9.129/sdk.cgi?action=test.network.email

| Parameter | Values | Description |
|---|---|---|
| enable | Boolean | Enable DDNS<br>0 : disable<br>1 : enable |
| domain | String, max 64 | DDNS domain |
| username | String, max 32 | DDNS username |

| password | String, max 32 | DDNS password |
|---|---|---|
| host_name | String, max 128 | DDNS host name |
| free_dns_hash | String, max 128 | DDNS hash |
| update_freq | integer | DDNS update frequency |

Example: Get general parameter

http://192.168.9.129/sdk.cgi?action=get.network.ddns

To set ddns parameters.

Example: Set ddns parameter

http://192.168.9.129/sdk.cgi?action=set.network.ddns&enable=0&domain=dyndns.org&userna me=david&password=david&host_name=david&free_dns_hash=&update_freq=300

| Parameter | Values | Description |
|---|---|---|
| enable | Boolean | Enable PPPoE<br>0 : disable<br>1 : enable |
| auto_connect | boolean | Auto connect<br>0 : disable<br>1 : enable |
| username | String, max 32 | PPPoE username |
| password | String, max 32 | PPPoE password |

Example: Get general parameter

http://192.168.9.129/sdk.cgi?action=get.network.pppoe

To set pppoe parametes

Example: Set PPPoE parameter

http://192.168.9.129/sdk.cgi?action=set.network.pppoe&enable=0&auto_connect=0&username =david&password=milesight

| Parameter | Values | Description |
|---|---|---|
| enable | Boolean | Enable P2P<br>0 : disable<br>1 : enable |
| p2pstatus | integer | P2P Status<br>0:"OK"<br>1:"UNAUTH":<br>2:"NOTFOUND"<br>3:"NETWORK"<br>4:"UNKNOWN"<br>5:"MAC FORMAT"<br>6:"AUTH FAILED"<br>7:"NO UUID"<br>8:"P2P INIT FAILED"<br>9:"P2P LOGIN FAILED" |

Example: Get general parameter

http://192.168.9.129/sdk.cgi?action=get.network.p2p

To set p2p status

Example: Set p2p status

http://192.168.9.129/sdk.cgi?action=set.network.p2p&enableP2P=1

## 1.2 SYSTEM

| Parameter | Values | Description |
|---|---|---|
| ntp_enable | Boolean | Enable NTP<br>0 : disable<br>1 : enable |
| dst_enable | Boolean | Enable DST<br>0 : disable<br>1 : enable |
| time_zone | String, max 32 | Time zone |
| time_zone_name | String, max 32 | Time zone name |
| ntp_server | String, max 64 | NTP server address |
| manual_time | String, max 32 | Change current timestamp |
| time | Long | Change current timestamp |

Example: Get system parameter

http://192.168.9.129/sdk.cgi?action=get.system.time

To set time parametes

Example: Set Time parametes

http://192.168.9.129/sdk.cgi?action=set.system.time&ntp_enable=0&dst_enable=0&time_zone=

UTC-8&time_zone_name=CHN&ntp_server=pool.ntp.org&manual_time=2016-03-06

10:37:29&time=1459910249

| Parameter | Values | Description |
|---|---|---|
| cpu | float | Cpu utilization |
| memory | integer | memory |
| usb | integer | usb |
| cpu_temperature | integer | Cpu temperature |

Example: Get system parameter

http://192.168.9.129/sdk.cgi?action=get.system.sysstatus

| Parameter | Values | Description |
|---|---|---|
| hostname | String max 128 | Host name |
| deviceid | integer | Device ID |
| company | String max 10 | Company name |
| productno | String max 10 | Product NO |
| hardwareversion | String max 10 | Hardware version |
| softwareversion | String max 10 | Software version |

| oemversion | | String max 10 | OEM version |
|---|---|---|---|
| devicetype | | String max 10 | Device Type |
| devicename | | String max 128 | Device name |
| sn | | String max 32 | Serial number |
| guistyle | | String max 10 | GUI style |
| reserve | | String max 10 | reserve |
| resource | rs_max_cameras | integer | Max support camera numbers(4/8/16/32) |
| | rs_max_analog_cameras | integer | Max support analog camera numbers(0/4/8) |
| | rs_max_ipnc_cameras | integer | Max support IP network camera numbers |
| | rs_camera_layout | integer | |
| | rs_display_num | integer | Display screen number |
| | rs_max_sensor | integer | sensor 0~16 |
| | rs_max_alarm | integer | Alarm 0~16 |
| | rs_hasBuzzer | integer | Buzzer 0/1 |
| | rs_disk_num | integer | Disk num 0~16 |
| | rs_max_dec_chan | integer | Dec chn 0~16 |
| | rs_max_spot_out | integer | Spot out 0~4 |
| | rs_max_audio_in | integer | Audio in 0~16 |
| | rs_max_audio_out | integer | Audio out |
| | rs_max_network_lan | integer | Network LAN number(1/2) |
| | rs_max485 | Boolean | Enable 0 : disable 1 : enable |
| | rs_max232 | boolean | Enable 0 : disable 1 : enable |
| | rs_has_ir | integer | IR |
| uptime | | String max 32 | Update time |
| mac | | String max 32 | eth0 mac |

Example: Get system parameter

http://192.168.9.129/sdk.cgi?action=get.system.sysinfo

To set system reboot parametes

Example: set system reboot parametest

http://192.168.9.129/sdk.cgi?action=set.system.reboot

To set system devid parametes

Example: set system devid parametest

http://192.168.9.129/sdk.cgi?action=set.system.devid&device_id=110

To set system shutdown parametes

Example: set system shutdown parametest

http://192.168.9.129/sdk.cgi?action=set.system.shutdown

# 1.3 USER

| Parameter | Values | Description |
|---|---|---|
| id | Integer 0~9 | User id |
| enable | Boolean | Enable user 0 : disable 1 : enable |
| username | String, max 64 | username |
| password | String, max 32 | password |
| type | integer | User type 0 : admin 1 : operator 2 : viewer |
| permission | Integer 0~2>>31 | Local permission |
| remote_permission | Integer 0~2>>31 | Remote permission |
| local_live_view | unsigend long 0~2>>32 | Local live view channel |
| local_playback | unsigend long 0~2>>32 | Local playback channel |
| remote_live_view | unsigend long 0~2>>32 | Remote live view channel |
| remote_playback | unsigend long 0~2>>32 | Remote live view channel |
| local_live_view_ex | String, max 64 | Local live view channel |
| local_playback_ex | String, max 64 | Local playback channel |
| remote_live_view_ex | String, max 64 | Remote live view channel |
| remote_playback_ex | String, max 64 | Remote live view channel |

Example: set user parametest

http://192.168.9.129/sdk.cgi?action=get.user.member

| Parameter | Values | Description |
|---|---|---|
| ret | boolean | User auth result 0 : Yes 1 : No |

Example: set user parametest

http://192.168.9.129/sdk.cgi?action=get.user.auth&auth_user=admin&auth_password=a395a62

11f5604092e217750e78f72c4

| Parameter | Values | Description |
|---|---|---|
| cnt | integer | User count |

Example: set user parametest
http://192.168.9.129/sdk.cgi?action=get.user.count

To set user member parametes

Example: set user member
http://192.168.9.129/sdk.cgi?action=set.user.member&id=2&enable=1&username=david&password=a395a6211f5604092e217750e78f72c4&type=0&permission=-1&remote_permission=-1&local_live_view=0&local_playback=0&remote_live_view=5&remote_playback=5&local_live_view_ex=1010..&local_playback_ex=1010..&remote_live_view_ex=1010..&remote_playback=_ex=1010..

To add user member parametes

Example: add user member
http://192.168.9.129/sdk.cgi?action=add.user.member&id=1&enable=1&username=david&password=a395a6211f5604092e217750e78f72c4&type=0&permission=-1&remote_permission=-1&local_live_view=0&local_playback=0&remote_live_view=0&remote_playback=0&local_live_view_ex=0000.&local_playback_ex=0000..&remote_live_view_ex=0000..&remote_playback=_ex=0000..

To del user member parametes

Example: del user member
http://192.168.9.129/sdk.cgi?action=del.user.member&userid=1

## 1.4 EVENT

| Parameter | Values | Description |
|---|---|---|
| id | Integer 0~15 | Alarmin id |
| enable | integer | Enable alarmin 0 : Never 1 : Always 2 : By Schedule |
| name | String, max 128 | Alarmin name |
| type | integer | Open status Type 0 : normally open 1 : normally closed |
| tri_channels | An unsigned integer 0~2<<32 | trigger channels |
| tri_alarms | An unsigned integer 0~2<<32 | trigger alarms |
| buzzer_interval | interger | |
| tri_channels_ex | String, max 64 | trigger channels |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.alarmin&id=0

To set event alarmin parametes

Example: set event alarmin

http://192.168.9.129/sdk.cgi?action=set.event.alarmin&id=0&enable=1&name=david&type=0&tri_channels=1&tri_alarms=17&buzzer_interval=20&tri_channels_ex=1000..

| Parameter | Values | Description |
|---|---|---|
| id | Integer 0~3 | Alarmout id |
| name | String max 128 | Alarmout name |
| type | bolean | Alarmout type<br>0 : normally open<br>1 : normally closed |
| enable | boolean | Enable schedule<br>0 : Never<br>1 : Always<br>2 : By Schedule |
| duration_time | An unsigned integer | Duration time (s) |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.alarmout&id=0

### 1.4.4 set.event.alarmout

To set event alarmin parametes

Example: set event alarmout

http://192.168.9.129/sdk.cgi?action=set.event.alarmout&id=0&enable=1&name=david&type=0&duration_time=5

| Parameter | Values | Description |
|---|---|---|
| ch | Integer 0~31 | Channel id |
| name | String max 256 | Holidays name |
| enable | boolean | Enable holidays<br>0 : disable<br>1 : enable |
| type | integer | Holidays type<br>0 : By date<br>1 : By month<br>2 : By week |
| start_year | integer | Start year |
| start_mon | integer | Start month |
| start_mday | integer | Start day of a month |
| start_mweek | integer | Start week of a month |
| start_wday | integer | Start day of a week |
| end_year | integer | End year |
| end_mon | integer | End month |
| end_mday | integer | End day of a month |

| end_mweek | integer | End week of a month |
|---|---|---|
| end_wday | integer | End day of a week |
| tri_channels_ex | String, max 64 | trigger channels |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.holidays

To set event holidays parametes

Example: set event holidays

http://192.168.9.129/sdk.cgi?action=set.event.holidays&id=0&name=Holiday&enable=0&type=1
&start_year=2013&start_mon=1&start_mday=1&start_mweek=1&start_wday=0&end_year=201
&end_mon=1&end_mday=1&end_mweek=1&end_wday=0

| Parameter | Values | Description |
|---|---|---|
| ch | integer | Channel id |
| enable | Integer<br>0 ~ 2 | Enable schedule<br>0 : Never<br>1 : Always<br>2 : By Schedule |
| tri_alarms | An unsigned integer | Trigger alarm output mask |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.videoloss&id=0

To set event voidloss parametes

Example: set event videoloss

http://192.168.9.129/sdk.cgi/action=set.event.videoloss&id=0&enable=1&tri_alarms=0

| Parameter | Values | Description |
|---|---|---|
| ch | integer | Channel id |
| enable | boolean | Enable motion<br>0 : Never<br>1 : Always<br>2 : By Schedule |
| tri_channels | An unsigned integer | Trigger channels |
| tri_alarms | An unsigned integer | Trigger alarms |
| Mation_table | String max 356 | Motion table |
| sensitivity | An unsigned integer | sensitivity |
| buzzer_sensitivity | An unsigned integer | buzzer_sensitivity |
| ipc_sched_enable | An unsigned integer | ipc_sched_enable |
| tri_channels_ex | String, max 64 | Trigger channels |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.motion&id=0


To set event voidloss parametes


Example: set event motion

http://192.168.9.129/sdk.cgi?action=set.event.motion&id=0&enable=1&tri_alarms=5&tri_chann
els=20&motion_table=0000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000&se
nsitivity=0&buzzer_interval=20&ipc_sched_enable=0&tri_channels_ex=000...


| Parameter | Values | Description |
| --- | --- | --- |
| ch[i] | integer | Channel id |
| name[i] | String max 64 | Osd name |


Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.osd


To set event ptzinfo parametes


Example: set event osd parametes

http://192.168.9.129/sdk.cgi?action=set.event.osd&id=0&name=david milesight


| Parameter | Values | Description |
| --- | --- | --- |
| log | integer | Save log time (month) |
| photo | integer | Save photo time(month) |


Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.maintain_info


To set event maintain info parametes


Example: set event maintain info parametes

http://192.168.9.129/sdk.cgi?action=set.event.maintain_info&log=6&photo=6


| Parameter | Values | Description |
| --- | --- | --- |
| network_disconn | integer | Network disconnected |
| disk_full | integer | HDD full |
| record_fail | integer | Record failed |
| disk_fail | integer | HDD failed |


Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.event.exception

To set event exception parametes

Example: set event exception parametes

http://192.168.9.129/sdk.cgi?action=set.event.exception&network_disconn=0&disk_full=0&record_fail=0&disk_fail=1

| Parameter | Values | Description |
|---|---|---|
| cnt | integer | Exception information count |
| event | string | Event |
| information | string | Information |

Example: get event exception information

http://192.168.9.129/sdk.cgi?action=get.event.exception_info

# 1.5 SCHEDULE

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] <br> end_time : end rec time [char [32]] <br> action_type : rec type [integer] <br> Wholeday_enable : 0/1 [integer] <br> Wholeday_action_type : wholeday action type [integer] |
| | | end_time | | |
| | | action_type | | |
| | wholeday_enable | | | |
| | wholeday_action_type | | | |
| enable | | | integer | ~ |
| ch | | | integer | Channel id |

Example: get schedule parametes

http://192.168.9.129/sdk.cgi?action=get.schedule.recsched&ch=0

To set schedule recsched parametes

Example: set schedule recsched parametes

http://192.168.9.129/sdk.cgi?action=set.schedule.recsched&ch=0&enable=1&copy_channel=100110000000000000000000000000000000000000000000000000000000000&wholeday_enable[0]=1&wholeday_action_type[0]=1&start_time[0][0]=00:00&end_time[0][0]=01:00&action_type[0][0]=0&start_time[0][1]=00:00&end_time[0][1]=12:00&action_type[0][1]=1&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&wholeday_enable[1]=0&wholeday_action_type[1]=0&start_time[1][0]=&end_time[1][0]=&a

ction_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&wholeday_enable[2]=0&wholeday_action_type[2]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&wholeday_enable[3]=0&wholeday_action_type[3]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&wholeday_enable[4]=0&wholeday_action_type[4]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&wholeday_enable[5]=0&wholeday_action_type[5]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&wholeday_enable[6]=0&wholeday_action_type[6]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]

=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]
=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[
6][11]=&action_type[6][11]=0&wholeday_enable[7]=0&wholeday_action_type[7]=0&start_time[
7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[
7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[
7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_tim
e[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_typ
e[7][6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_tim
e[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_ti
me[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&act
ion_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]]<br>end_time : end rec time [char [32]]<br>action_type : rec type [integer]<br>Wholeday_enable : 0/1 [integer]<br>Wholeday_action_type : wholeday action type [integer] |
| | | end_time | | |
| | | action_type | | |
| | wholeday_enable | | | |
| | wholeday_action_type | | | |
| id | | | integer | Channel id |
| copy_channel | | | String 64 | 0：not need to copy<br>1：need to copy |

Example: get schedule parametes
http://192.168.9.129/sdk.cgi?action=get.schedule.motionsched&ch=0

To set schedule motionsched parametes

Example: set schedule motionsched parametes
http://192.168.9.147/sdk.cgi?action=set.schedule.motionsched&ch=0&sensitivity=5&enableMS=
1&triAlarms=63&triChannels=1111111111111111111111111111111&motionTable=111111111
111111111111111111111111111111111111111111111111111111111111111111111111111111111
111111111111111111111111111111111111111111111111111111111111111111111111111111111
111111111111111111111111111111111111111111111111111111111111111111111111111111111
111111111111111111111111111111111111111111111111111111&wholeday_enable[0]=1&
wholeday_action_type[0]=1&start_time[0][0]=00:00&end_time[0][0]=01:00&action_type[0][0]=
2&start_time[0][1]=03:00&end_time[0][1]=12:00&action_type[0][1]=2&start_time[0][2]=&end_t
ime[0][2]=&action_type[0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start
_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action
_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end
_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&sta
rt_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&ac
tion_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&wh
oleday_enable[1]=0&wholeday_action_type[1]=0&start_time[1][0]=&end_time[1][0]=&action_t
ype[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_ti

me[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&wholeday_enable[2]=0&wholeday_action_type[2]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&wholeday_enable[3]=0&wholeday_action_type[3]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&wholeday_enable[4]=0&wholeday_action_type[4]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&wholeday_enable[5]=0&wholeday_action_type[5]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&wholeday_enable[6]=0&wholeday_action_type[6]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start

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| Parameter | Values | Description |
| --- | --- | --- |

| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time   [char [32]] |
| | | action_type | | action_type : rec type     [integer] |
| | wholeday_enable | | | Wholeday_enable : 0/1    [integer] |
| | wholeday_action_type | | | Wholeday_action_type  :  wholeday  action type              [integer] |
| id | | | integer | Channel id |

Example: get schedule parametes

http://192.168.9.129/sdk.cgi?action=get.schedule.videolosssched&ch=0


To set schedule videolosssched parametes


Example: set schedule videolosssched parametes

http://192.168.9.129/sdk.cgi?action=set.schedule.videolosssched&ch=0&wholeday_enable[0]=1
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e[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&wholeday_enable[4]=0&wholeday_action_type[4]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&wholeday_enable[5]=0&wholeday_action_type[5]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&wholeday_enable[6]=0&wholeday_action_type[6]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&wholeday_enable[7]=0&wholeday_action_type[7]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time [char [32]] |
| | | action_type | | action_type : rec type [integer] |
| | wholeday_enable | | | Wholeday_enable : 0/1 [integer] |
| | wholeday_action_type | | | Wholeday_action_type : wholeday action type [integer] |
| id | | | integer | Channel id |

Example: get schedule parametes

http://192.168.9.129/sdk.cgi?action=get.schedule.alarminsched&ch=0

To set schedule alarminsched parametes

Example: set schedule alrminsched parametes
http://192.168.9.129/sdk.cgi?action=set.schedule.alarminsched&ch=0&wholeday_enable[0]=1&wholeday_action_type[0]=1&start_time[0][0]=00:00&end_time[0][0]=01:00&action_type[0][0]=0&start_time[0][1]=00:00&end_time[0][1]=12:00&action_type[0][1]=1&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&wholeday_enable[1]=0&wholeday_action_type[1]=0&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&wholeday_enable[2]=0&wholeday_action_type[2]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&wholeday_enable[3]=0&wholeday_action_type[3]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&wholeday_enable[4]=0&wholeday_action_type[4]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&acti

on_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&wholeday_enable[5]=0&wholeday_action_type[5]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&wholeday_enable[6]=0&wholeday_action_type[6]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&wholeday_enable[7]=0&wholeday_action_type[7]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time  [char [32]] |
| | | action_type | | action_type : rec type     [integer] |
| | wholeday_enable | | | Wholeday_enable : 0/1   [integer] |
| | wholeday_action_type | | | Wholeday_action_type : wholeday action type                 [integer] |
| id | | | integer | Channel id |

Example: get schedule parametes

http://192.168.9.129/sdk.cgi?action=get.schedule.alarmoutsched&ch=0

To set schedule alarmoutsched parametes

Example: set schedule alrmoutsched parametes

http://192.168.9.129/sdk.cgi?action=set.schedule.alarmoutsched&ch=0&wholeday_enable[0]=1&wholeday_action_type[0]=1&start_time[0][0]=00:00&end_time[0][0]=01:00&action_type[0][0]=0&start_time[0][1]=00:00&end_time[0][1]=12:00&action_type[0][1]=1&start_time[0][2]=&end

_time[0][2]=&action_type[0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&wholeday_enable[1]=0&wholeday_action_type[1]=0&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&wholeday_enable[2]=0&wholeday_action_type[2]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&wholeday_enable[3]=0&wholeday_action_type[3]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&wholeday_enable[4]=0&wholeday_action_type[4]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&wholeday_enable[5]=0&wholeday_action_type[5]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][

9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&wholeday_enable[6]=0&wholeday_action_type[6]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&wholeday_enable[7]=0&wholeday_action_type[7]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] <br> end_time : end rec time   [char [32]] <br> action_type : rec type     [integer] |
| | | end_time | | |
| | | action_type | | |
| ch | | | integer | Channel id |

Example: get schedule parametes
http://192.168.9.147/sdk.cgi?action=get.schedule.motion_audible_sched&ch=0

To set schedule motion_audible_sched parametes

Example: set schedule motion_audible_sched parametes
http://192.168.9.147/sdk.cgi?action=set.schedule.motion_audible_sched&ch=0&audible_enable=2&audibleinterval=20&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=8&start_time[0][1]=00:00&end_time[0][1]=12:00&action_type[0][1]=1&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_t

ype[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7]

[6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]]<br>end_time : end rec time  [char [32]]<br>action_type : rec type   [integer] |
| | | end_time | | |
| | | action_type | | |
| ch | | | integer | Channel id |

Example: get schedule parametes
http://192.168.9.147/sdk.cgi?action=get.schedule.motion_email_sched&ch=0

To set schedule motion_email_sched parametes

Example: set schedule motion_email_sched parametes
http://192.168.9.147/sdk.cgi?action=set.schedule.motion_email_sched&ch=0&email_enable=0&email_interval=0&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=2&start_time[0][1]=00:00&end_time[0][1]=00:00&action_type[0][1]=2&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=2&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3]

[5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | Values | Description |
|---|---|---|
| type | integer | triAlarms:2<br>triChannels:1 |
| ch | integer | Channel id |
| triAlarms | integer | triAlarms:Alarm Input rec |
| triChannels | char | triChannels:Trigger Channel rec    [char [64]] |

Example: get others parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.motion_others&ch=0

To set schedule motion_others parametes

Example: set schedule motion_others parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.motion_others&type=2&ch=0&triAlarms=63

http://192.168.9.147/sdk.cgi?action=set.schedule.motion_others&type=1&ch=0&triChannels=11
111111111111111111111111111111

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]]<br>end_time : end rec time   [char [32]]<br>action_type : rec type    [integer] |
| | | end_time | | |
| | | action_type | | |
| ch | | | integer | Channel id |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.videoloss_audible_sched&ch=0

To set schedule videoloss_audible_sched parametes

Example: set schedule videoloss_audible_sched parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.videoloss_audible_sched&ch=0&enable=0&interval=0&copy_channel=100110000000000000000000000000000000000000000000000000000000&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=9&start_time[0][1]=00:00&end_time[0][1]=00:00&action_type[0][1]=9&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=9&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&a

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&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=
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=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][
10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_tim
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me[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_t
ype[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_ti
me[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start
_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action
_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&en
d_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]
=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]
=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][
3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][
4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][
6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5]
[8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5]
[9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_ti
me[5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&sta
rt_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&actio
n_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&en
d_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&st
art_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&acti
on_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&e
nd_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]
=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7]
[0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[
7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[
7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[
7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_tim
e[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_typ
e[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_ti
me[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time [char [32]] |
| | | action_type | | action_type : rec type [integer] |
| ch | | | integer | Channel id |
| copy_channel | | | string 64 | 0：not need to copy |
| | | | | 1：need to copy |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.videoloss_email_sched&ch=0

To set schedule videoloss_email_sched parametes

Example: set schedule videoloss_email_sched parametes
http://192.168.9.147/sdk.cgi?action=set.schedule.videoloss_email_sched&ch=0&enable=0&interval=0&copy_channel=10011000000000000000000000000000000000000000000000000000000000000000&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=9&start_time[0][1]=00:00&end_time[0][1]=00:00&action_type[0][1]=9&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=9&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_ti

me[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | Values | Description |
|---|---|---|
| ch | integer | Channel id |
| triAlarms | integer | triAlarms:Alarm Input rec |

To set schedule videoloss_alarm_output parametes

Example: set schedule videoloss_alarm_output parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.videoloss_alarm_output&ch=0&triAlarms=63

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] end_time : end rec time    [char [32]] action_type : rec type     [integer] |
| | | end_time | | |
| | | action_type | | |
| ch | | | integer | Channel id |
| copy_channel | | | String 64 | 0：not need to copy 1：need to copy |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.alarmin_audible_sched&ch=0

To set schedule alarmin_audible_sched parametes

Example: set schedule alarmin_audible_sched parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.alarmin_audible_sched&ch=0&enable=0&interval=0&copy_channel=100110000000000000000000000000000000000000000000000000000000000000000&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=6&start_time[0][1]=00:00&end_time[0][1]=00:00&action_type[0][1]=6&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=6&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=6&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=6&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=6&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=

&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time    [char [32]] |
| | | action_type | | action_type : rec type     [integer] |
| ch | | | integer | Channel id |
| copy_channel | | | String 64 | 0：not need to copy<br>1：need to copy |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.alarmin_email_sched&ch=0

To set schedule alarmin_email_sched parametes

Example: set schedule alarmin_email_sched parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.alarmin_email_sched&ch=0&enable=0&interval=0&copy_channel=10011000000000000000000000000000000000000000000000000000000000000&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=6&start_time[0][1]=00:00&end_time[0][1]=00:00&action_type[0][1]=6&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=6&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=6&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=6&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=6&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_ti

me[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][

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| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time [char [32]] |
| | | action_type | | action_type : rec type [integer] |
| ch | | | integer | Channel id |
| copy_channel | | | String 64 | 0：not need to copy<br>1：need to copy |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.alarmin_ptz_sched&ch=0

To set schedule alarmin_ptz_sched parametes

Example: set schedule alarmin_ptz_sched parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.alarmin_ptz_sched&ch=2&acto_ptz_channel=2&acto_ptz_preset_enable=1&acto_ptz_preset=1&acto_ptz_patrol_enable=0&acto_ptz_patrol=0&start_time[0][0]=00:00&end_time[0][0]=01:00&action_type[0][0]=0&start_time[0][1]=00:00&end_time[0][1]=12:00&action_type[0][1]=6&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=6&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=6&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=6&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=6&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]

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n_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&en
d_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&st
art_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]
=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6]
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9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_ti
me[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]=&actio
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d_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][3]=0&st
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start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7][10]=
&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0
```

| Parameter | Values | Description |
|---|---|---|
| type | integer | triAlarms:1<br>triChannels:0 |
| ch | integer | Channel id |
| triAlarms | integer | triAlarms:Alarm Input rec |
| triChannels | char | triChannels:Trigger Channel rec   [char [64]] |

To set schedule alarmin_alarm_output parametes

Example: set schedule alarmin_alarm_output parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.alarmin_alarm_output&ch=0&triAlarms=63&type=1

http://192.168.9.147/sdk.cgi?action=set.schedule.alarmin_alarm_output&ch=0&triChannels=11111111111111111111111111111111&type=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]]<br>end_time : end rec time   [char [32]]<br>action_type : rec type     [integer] |
| | | end_time | | |
| | | action_type | | |
| ch | | | integer | Channel id |
| copy_channel | | | String 64 | 0：not need to copy<br>1：need to copy |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.motion_effective_sched&ch=0


http://192.168.9.147/sdk.cgi?action=set.schedule.motion_effective_sched&ch=0&copy_channel=10011000000000000000000000000000000000000000000000000000000000000&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=6&start_time[0][1]=00:00&end_time[0][1]=00:00&action_type[0][1]=6&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=6&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=6&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=6&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=6&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2]

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| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time   [char [32]] |
| | | action_type | | action_type : rec type    [integer] |

| | | |
|---|---|---|
| ch | integer | Channel id |
| event | integer | Smart event type<br>0:region entarnce<br>1:region exiting<br>2:advanced.motion detection<br>3:tamper detection<br>4:line crossing<br>5:loitering<br>6:human detection<br>7:people counting |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.vca_effective_sched&ch=0&event=0


Example: set schedule vca effective sched parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.vca_effective_sched&ch=0&event=0&&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=8&start_time[0][1]=00:00&end_time[0][1]=12:00&action_type[0][1]=1&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_time[4][0]=&actio

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| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time  [char [32]] |
| | | action_type | | action_type : rec type  [integer] |
| ch | | | integer | Channel id |
| event | | | integer | Smart event type<br>0:region entarnce<br>1:region exiting<br>2:advanced.motion detection<br>3:tamper detection<br>4:line crossing<br>5:loitering<br>6:human detection<br>7:people counting |
| interval | | | integer | Triggered Interval(s) |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.vca_audible_sched&ch=0&event=0

Example: set schedule vca audible sched parametes
http://192.168.9.147/sdk.cgi?action=set.schedule.vca_audible_sched&ch=0&event=0&interval=2
0&&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=8&start_time[0][1]=00:00
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0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[
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4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_tim
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&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]
=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]
=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[
5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_ti
me[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_t
ype[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_ti
me[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start
_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action
_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end
_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0
&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]
=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][
2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][
3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][
5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7]
[7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7]
[8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7]
[10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]] |
| | | end_time | | end_time : end rec time [char [32]] |
| | | action_type | | action_type : rec type [integer] |
| ch | | | integer | Channel id |
| event | | | integer | Smart event type<br>0:region entarnce<br>1:region exiting<br>2:advanced.motion detection<br>3:tamper detection<br>4:line crossing<br>5:loitering<br>6:human detection<br>7:people counting |
| interval | | | integer | Triggered Interval(s) |

Example: get schedule parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.vca_email_sched&ch=0&event=0

Example: set schedule vca email sched parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.vca_email_sched&ch=0&event=0&interval=20
&&start_time[0][0]=00:00&end_time[0][0]=24:00&action_type[0][0]=8&start_time[0][1]=00:00
&end_time[0][1]=12:00&action_type[0][1]=1&start_time[0][2]=&end_time[0][2]=&action_type[
0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[
0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&action_type[0][5]=0&start_tim

e[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_typ
e[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_tim
e[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&star
t_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&start_time[1][0]=&end_tim
e[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_ti
me[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_t
ype[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_ti
me[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start
_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action
_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&en
d_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]
=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]
=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][
3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][
4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][
6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2]
[8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2]
[9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_ti
me[2][11]=&action_type[2][11]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&sta
rt_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&actio
n_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&en
d_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&st
art_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&acti
on_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&e
nd_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]
=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&start_time[4][0]=&end_time[4]
[0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[
4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[
4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[
4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_tim
e[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_typ
e[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_ti
me[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0
&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&
action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=
&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=
0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=
&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]
=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]
=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[
5][11]=&action_type[5][11]=0&start_time[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_ti
me[6][1]=&end_time[6][1]=&action_type[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_t
ype[6][2]=0&start_time[6][3]=&end_time[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_ti
me[6][4]=&action_type[6][4]=0&start_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start

_time[6][6]=&end_time[6][6]=&action_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action

_type[6][7]=0&start_time[6][8]=&end_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end

_time[6][9]=&action_type[6][9]=0&start_time[6][10]=&end_time[6][10]=&action_type[6][10]=0

&start_time[6][11]=&end_time[6][11]=&action_type[6][11]=0&start_time[7][0]=&end_time[7][0]

=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=0&start_time[7][

2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=&action_type[7][

3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]=&end_time[7][

5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]=0&start_time[7]

[7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]=&action_type[7]

[8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][10]=&end_time[7]

[10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_type[7][11]=0

| Parameter | Values | Description |
|---|---|---|
| ch | integer | Channel id |
| triAlarms | integer | triAlarms:Alarm Input rec |
| triChannels | char | triChannels:Trigger Channel rec    [char [64]] |
| event | integer | Smart event type<br>0:region entarnce<br>1:region exiting<br>2:advanced.motion detection<br>3:tamper detection<br>4:line crossing<br>5:loitering<br>6:human detection<br>7:people counting |

Example: set schedule var_alarm_output parametes

http://192.168.9.147/sdk.cgi?action=get.schedule.vca_others&ch=0&event=0

Example: set schedule var_alarm_output parametes

http://192.168.9.147/sdk.cgi?action=set.schedule.vca_others&ch=0&event=0&triAlarms=63&tri

Channels=111111111111111111111111111111

# 1.6 PLAYBACK

| Parameter | Values | Description |
|---|---|---|
| time | long | Start time available |
| chnid | integer | Channel ID |
| stream | integer | Stream type<br>(0=main stream,1=sub stream) |
| dayinfo | String max 31 | A month information<br>(no_record=0,exit_record =1) |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.playback.pbdayinfo&time=2016-03-07

00:00:00&chnid=1&stream=0

| Parameter | Values | Description |
|---|---|---|
| chnid | integer | Channel ID |
| stream | integer | Stream type<br>(0=main stream,1=sub stream) |
| startTime | string max 31 | Start time string |
| endTime | string max 31 | End time string |
| cnt | integer max 100 | Record count |
| sid | interger | Play back Session ID |
| startTime | string max 31 | Start time string |
| endTime | string max 31 | end time string |
| recordType | integer | 0 : NONE<br>1<<0 : Timing<br>1<<1 : motion detect<br>1<<2 : alarm in<br>1<<3 : manual<br>1<<4 : anr<br>1<<5 : vca |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.playback.recordinfo&chnid=0&stream=0&startTime=20 18-08-13 00:00:00&endTime=2018-08-13 23:59:59

| Parameter | Values | Description |
|---|---|---|
| sid | interger | Play back Session ID |
| page | interger | Page Number |
| cnt | interger max 100 | Record count |
| startTime | string max 31 | Start time string |
| endTime | string max 31 | End time string |
| recordType | integer | 0 : NONE<br>1<<0 : Timing<br>1<<1 : motion detect<br>1<<2 : alarm in<br>1<<3 : manual<br>1<<4 : anr<br>1<<5 : vca |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.playback.recordinfo_page&sid=0&page=2

| Parameter | Values | Description |
|---|---|---|
| sid | interger | Session ID |
| real_time | String max 32 | Play time |
| except | interger | exception |

Example: get event parametes

http://192.168.9.129/sdk.cgi?action=get.playback.remote&chans=0&time=2016-03-07 12:00:00

| Parameter | Values | Description |
|---|---|---|
| sessionId | integer | Session ID |
| jumpTime | String max 32 | Jump time string |

Example: get playback jump

http://192.168.9.129/sdk.cgi?action=get.playback.jump&sessionId=1&jumpTime=2016-03-06 06:44:33

| Parameter | Values | Description |
|---|---|---|
| cnt | integer | Session ID count |
| sid | integer | Session ID |
| jumpTime | String max 32 | Jump time string |

Example: get playback jump batch

http://192.168.9.129/sdk.cgi?action=get.playback.jump_batch&cnt=3&sid[0]=0&sid[1]=1&sid[2]=2&jumpTime=2018-08-12 05:23:25

| Parameter | Values | Description |
|---|---|---|
| sec | long | timestamp |
| curPlayTime | String max 32 | |

Example: get playback playtime

http://192.168.9.129/sdk.cgi?action=get.playback.playtime&sid=1

| Parameter | Values | Description |
|---|---|---|
| sid | integer | Play back session ID |
| port | integer | RTSP Port |
| respath | String max 128 | RTSP resource path |

Example: get playback rtsp url

http://192.168.9.129/sdk.cgi?action=get.playback.rtspurl&sid=1

To set playback pause parametes

Example: set playback pause

http://192.168.9.129/sdk.cgi?action=set.playback.pause&sid=1

| Parameter | Values | Description |
|---|---|---|
| cnt | integer | Play back session count |
| sid | integer | Play back session ID |

Example: set playback pause batch

http://192.168.9.129/sdk.cgi?action=set.playback.pause_batch&cnt=3&sid[0]=0&sid[1]=1&sid[2]=2

| Parameter | Values | Description |
|---|---|---|
| res | String max 32 | If channel n is successfully snapshot, res[n]=0,otherwise failed. |

Example: set playback snapshot

http://192.168.9.129/sdk.cgi?action=set.playback.snapshot&chnid=1

To set playback snapshot save parametes

Example: set playback snapshot save
http://192.168.9.129/sdk.cgi?action=set.playback.snapshot_save&disk=/media/sd1

To set playback resume parametes

Example: set playback resume
http://192.168.9.129/sdk.cgi?action=set.playback.resume&sid=1

| Parameter | Values | Description |
|---|---|---|
| chnid | integer | Channel ID |
| sid | integer | Play back Session ID |
| startTime | string | Start time string |
| endTime | string | End time string |
| playTime | string | Play time string |

Example: set playback start
http://192.168.9.129/sdk.cgi?action=set.playback.start&set.playback.start&chnid=2&sid=0&start
Time=2018-08-16 00:00:00&endTime=2018-08-16 23:59:59&playTime=2018-08-16 10:13:40

To set playback step parametes

Example: set playback step
http://192.168.9.129/sdk.cgi?action=set.playback.step&sid=1&direct=0

To set playback step parametes

Example: set playback step batch
http://192.168.9.129/sdk.cgi?action=set.playback.step_batch&direct=0&cnt=3&sid[0]=0&sid[1]=
1&sid[2]=2

To set playback stop parametes

Example: set playback stop
http://192.168.9.129/sdk.cgi?action=set.playback.stop&sid=1

To set playback stop parametes

Example: set playback stop batch
http://192.168.9.129/sdk.cgi?action=set.playback.stop_batch&cnt=3&sid[0]=0&sid[1]=1&sid[2]=
2&close=0

To set playback speed parametes

Example: set playback speed

http://192.168.9.129/sdk.cgi?action=set.playback.speed&sid=1&direct=0&speed=2

To set playback speed parametes

Example: set playback speed batch

http://192.168.9.129/sdk.cgi?action=set.playback.speed_batch&cnt=3&sid[0]=0&sid[1]=1&sid[2]=2&speed=1

To set playback close parametes

Example: set playback close

http://192.168.9.129/sdk.cgi?action=set.playback.close&sid=1

To set playback close parametes

Example: set playback close batch

http://192.168.9.129/sdk.cgi?action=set.playback.close_batch&cnt=3&sid[0]=0&sid[1]=1&sid[2]=2

# 1.7 CAMERA

| Parameter | Values | | Description |
|---|---|---|---|
| ret | integer | | 0 : success<br>-1 : fail |
| chnid | integer | | Channel id |
| struct ipc_param_range main_range | 24xres | width | width : integer<br>height : integer<br><br>framerate_max : integer<br>framerate_min : integer<br>bitrate_max : integer<br>bitrate_min : integer<br>vcodec_type: integer<br><br>framerate : integer<br>bitrate : integer |
| | | height | |
| | framerate_max | | |
| | framerate_min | | |
| | bitrate_max | | |
| | bitrate_min | | |
| | vcodec_type | | |
| | cur_res | width | |
| | | height | |
| | framerate | | |
| | bitrate | | |
| struct ipc_param_range sub_range | 24xres | width | width : integer<br>height : integer<br><br>framerate_max : integer<br>framerate_min : integer<br>bitrate_max : integer<br>bitrate_min : integer<br>vcodec_type: integer<br><br>framerate : integer<br>bitrate : integer |
| | | height | |
| | framerate_max | | |
| | framerate_min | | |
| | bitrate_max | | |
| | bitrate_min | | |
| | Vcodec_type | | |
| | cur_res | width | |
| | | height | |
| | framerate | | |
| | bitrate | | |

| sub_enable | Boolean | Enable sub streamer<br>0 : disable<br>1 : enable |
|---|---|---|
| audio_enable | Boolean | Enable audio<br>0 : disable<br>1 : enable |
| SmartStreamSupport | Boolean | Support smart stream<br>0 : nonsupport<br>1 : support |
| SmartStream | Boolean | Enable main smart stream<br>0 : disable<br>1 : enable |
| SmartStreamLevel | integer | Range 1~10 |
| SubSmartStream | Boolean | Enable sub smart stream<br>0 : disable<br>1 : enable |
| SubSmartStreamLevel | integer | Range 1~10 |

Example: get camera parametes

http://192.168.9.129/sdk.cgi?action=get.camera.ipcparam&chnid=1


To set camera ipcparam parametes


Example: set camera ipcparam parametes

http://192.168.9.129/sdk.cgi?action=set.camera.ipcparam&chnid=0&mainFramerate=24&mainBitrate=4096&IframeInterval=20&subIframeInterval=50&subEnable=1&subFramerate=25&subBitrate=512&audioEnable=0&mainVideoType=0&videoTypeEnable=1&subVideoType=0&SmartStreamSupport=1&SmartStream=0&SmartStreamLevel=3&SubSmartStream=0&SubSmartStreamLevel=2&mainResWidth=1920&mainResHeight=1080&subResWidth=704&subResHeight=576

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| port | integer | IP Camera port |
| protocol | integer | IP Camera protocol |
| state | integer | IP Camera stte<br>-2 : no_resource<br>-1 : disconnect<br>0 : null<br>1 : waiting<br>2 : connect |
| main_rtsp_port | integer | Main RTSP port(554) |
| ipaddr | String max 32 | IP address |
| manufacturer | String max 64 | Manufacturer |
| hwid | String max 128 | Hardware ID |
| sn | String max 128 | Serial number |
| fwversion | String max 64 | Firmware version |
| mac | String max 48 | MAC |
| model | String max 64 | Model |
| model_id | integer | 0 : onvif<br>1 : rtsp |

| | | 2 : canon |
|---|---|---|
| mrespath | String max 128 | Main streamer path |
| srespath | String max 128 | Sub streamer path |
| main_rtspurl | String max 128 | Main URL |
| sub_rtspurl | String max 128 | Sub URL |

Example: get camera parametes

http://192.168.9.129/sdk.cgi?action=get.camera.ipclist

To add camera channel parametes

Example: add camera channel parametes

http://192.168.9.129/sdk.cgi?action=add.camera.channel&id=1&name=CAM2&enable=1&ip_ad
dr=192.168.9.126&manage_port=80&camera_protocol=0&name=CAM2&username=admin&pas
sword=ms1234&sub_rtsp_enable=1&sync_time=0&transmit_protocol=&poe_channel=&physical
_port=&mac_addr=

To modify camera channel parametes

Example: modify camera channel parametes

http://192.168.9.129/sdk.cgi?action=modify.camera.channel&id=1&name=CAM3&enable=1&ip_
addr=192.168.9.126&manage_port=80&camera_protocol=0&name=CAM2&username=admin&p
assword=ms1234&sub_rtsp_enable=1&sync_time=0&transmit_protocol=

To remove camera channel parametes

Example: remove camera channel parametes

http://192.168.9.129/sdk.cgi?action=remove.camera.channel&chnid=1

| Parameter | Values | Description |
|---|---|---|
| pro_id | integer | Protocol id |
| pro_name | String max 64 | Protocol name |
| funtion | integer | Function value |
| enable | boolean | Enable protocol<br>0 : disable<br>1 : enable |
| display_model | boolean | Display<br>0 : dispaly<br>1 : nodisplay |

Example: get camera parametes

http://192.168.9.129/sdk.cgi?action=get.camera.protocol

| Parameter | Values | Description |
|---|---|---|
| ipaddr | String max 32 | IP Camera address |
| mac | String max 32 | MAC |

| port | integer | Port |
|---|---|---|
| protocol | integer | Protocol<br>0 : onvif<br>1 : rtsp<br>2 : milesight<br>3 : canon<br>4 : psia |
| manufacturer | String max 64 | manufaturer |
| hwid | String max 128 | Hardware ID |
| sn | String max 128 | Serial number |
| fwversion | String max 64 | Firmware version |
| model | String max 64 | 0 : onvif<br>1 : rtsp<br>2 : canon |
| model_id | integer | Model ID |
| netmask | String max 32 | netmask |
| dns | String max 32 | dns |
| gateway | String max 32 | gateway |

Example: get camera parametes

http://192.168.9.129/sdk.cgi?action=search.camera.chns&pro_id=0

To test camera ip conflict parametes

Example: test camera ip conflict parametes

http://192.168.9.129/sdk.cgi?action=test.camera.ipconflict&ip=192.168.9.127

To test camera ip conflict parametes

Example: test camera ipc connenct

http://192.168.9.129/sdk.cgi?action=test.camera.ipcconn&ip=192.168.9.126&port=80&user=admin&password=1111&protocol=0&model=0

To get camera irtsp info parametes

Example: get camera ipc connenct

http://192.168.9.129/sdk.cgi?action=get.camera.rtsp

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel id |
| brightness | integer | |
| contrast | integer | |
| saturation | integer | |
| result | integer | result |

Example: get camera imageparam

http://192.168.9.129/sdk.cgi?action=get.camera.imageparam&chnid=0

To set camera imageparam info parametes

Example: set camera imageparam

http://192.168.9.129/sdk.cgi?action=set.camera.imageparam&chnid=0&brightness=127&contrast=127&saturation=127

| Parameter | | Values | Description |
|---|---|---|---|
| ch | | integer | Channel id |
| 4xPrivacy_mask | area_id | struct | area_id: privacy_mask area id [integer] |
| | enable | | enable: [integer] |
| | start_x | | start_x:set start x [integer] |
| | start_y | | start_y:set start y [integer] |
| | area_width | | area_width:privacy_mask area width[integer] |
| | area_height | | area_height:privacy_mask area height [integer] |
| | screen_width | | screen_width:[integer] 480 |
| | screen_height | | screen_height:[integer] 270 |
| | fill_color | | fill_color:privacy_mask color [integer] |

Example: get camera privacy_mask

http://192.168.9.147/sdk.cgi?action=get.camera.privacy_mask&chnid=0

To set camera iprivacy_mask parametes

Example: set camera privacy_mask

http://192.168.9.147/sdk.cgi?action=set.camera.privacy_mask&ch=0&area_id[0]=0&enable[0]=1&start_x[0]=55&start_y[0]=44&area_width[0]=91&area_height[0]=60&screen_width[0]=480&screen_height[0]=270&fill_color[0]=0&area_id[1]=1&enable[1]=1&start_x[1]=213&start_y[1]=60&area_width[1]=105&area_height[1]=80&screen_width[1]=480&screen_height[1]=270&fill_color[1]=0&area_id[2]=2&enable[2]=1&start_x[2]=74&start_y[2]=155&area_width[2]=76&area_height[2]=56&screen_width[2]=480&screen_height[2]=270&fill_color[2]=0&area_id[3]=3&enable[3]=1&start_x[3]=252&start_y[3]=174&area_width[3]=120&area_height[3]=80&screen_width[3]=480&screen_height[3]=270&fill_color[3]=0

| Parameter | Values | Description |
|---|---|---|
| ip | String max 32 | |
| port | integer | |
| user | String max 64 | |
| password | String max 32 | |
| ret | integer | result |

Example: try camera connectoin

http://192.168.9.147/sdk.cgi?action=test.try.camera.ipcconn&ip=192.168.10.234&port=80&user=admin&password=1234&protocol=0

| Parameter | Values | Description |
|---|---|---|
| chnid | integer | Channel id |
| smartir | integer | Smart IR |
| whiteblance | integer | White Balance |

| | | |
|---|---|---|
| focusmode | integer | |
| antiblurry | integer | |
| wdrenable | integer | Wide Dynamic Range |
| wdrlevel | integer | Wide Dynamic Level |
| wdrstarthour | integer | Start Time |
| wdrstartminute | integer | Start Time |
| wdrstophour | integer | End Time |
| wdrstopminute | integer | End Time |
| regiontype | integer | |
| hlcmode | integer | High Light Compensation |
| exclude | integer | |
| exposemode | integer | |
| modelType | integer | |
| exposeregion | String max 64 | |

Example: get camera enhance

http://192.168.9.147/sdk.cgi?action=get.camera.ipcimage.enhance&chnid=0


To set camera enhance parametes


Example: set camera enhance

http://192.168.9.150/sdk.cgi?action=set.camera.ipcimage.enhance&chnid=0&smartir=0&whitebl
ance=0&wdrenable=0&wdrlevel=2&wdrstarthour=6&wdrstartminute=0&wdrstophour=18&wdrst
opminute=0&hlcmode=0

| Parameter | Values | Description |
|---|---|---|
| chnid | integer | Channel id |
| colorkiller | integer | Day/Night Mode |
| modestarthour | integer | Start time of Nigh |
| modestartminute | integer | Start time of Nigh |
| modestophour | integer | End time of Night |
| modestopminute | integer | End time of Night |
| exposurectrl | integer | Power Line Frequency |
| lighttype | integer | |
| mirctrl | integer | Video Orientation |
| localdisplay | integer | |
| ircutaddaytonight | integer | |
| ircutadnighttoday | integer | |
| corridormode | integer | Corridor Mode |
| imagerotation | integer | Image Rotation |
| saveCorridor | integer | If saveCorridor=0 save mirctrl, If saveCorridor=1 save corridormode & imagerotation |

Example: get camera display

http://192.168.9.147/sdk.cgi?action=get.camera.ipcimage.display&chnid=0


To set camera display parametes


Example: set camera display

http://192.168.9.147/sdk.cgi?action=set.camera.ipcimage.display&chnid=0&colorkiller=2&mode
starthour=18&modestartminute=0&modestophour=6&modestopminute=0&exposurectrl=1&mir
ctrl=-1&ircutaddaytonight=303&ircutadnighttoday=451&corridormode=0&imagerotation=0&sav
eCorridor=0

| Parameter | Values | Description |
|---|---|---|
| ret_cnt | integer | Channel num |
| Chanid(array) | integer | Channel  id |
| model(array) | integer | Channel model |
| fwversion(array) | integer | Channel firmware version |

Example: get camera model info

http://192.168.9.147/sdk.cgi?action=get.camera.all.modelinfo

To set camera fisheye mode

Example: set camera fisheye mode

http://192.168.9.129/sdk.cgi?action=set.camera.fisheye.mode&chnid=1&fishmount=1&fishdispl
ay=4

| Parameter | Values | Description |
|---|---|---|
| chnid | integer | Channel id |
| fishmount | integer | Fishmount mode |
| fishdisplay | integer | displaymode |

Example: get camera fisheye mode

http://192.168.9.147/sdk.cgi?action=get.camera.fisheye.mode&chnid=1

| Parameter | Values | Description |
|---|---|---|
| chnid | integer | Channel id |

Example: get camera type

http://192.168.9.129/sdk.cgi?action=get.camera.ipctype&chnid=0

| Parameter | Values | Description |
|---|---|---|
| chnid | integer | Channel id |
| type | integer | 0:All streams<br>1:Primary stream<br>2:Secondary stream |
| enable_text | boolean | Enable show main video title<br>0 : disable<br>1 : enable |
| text_name | String max 32 | Main video title |
| textpos | integer | select main title position<br>0:Top-Left<br>1:Top-Right<br>2:Bottom-Left |

| | | 3:Bottom-Right |
|---|---|---|
| enable_date | integer | Enable show main date<br>0 : disable<br>1 : enable |
| datepos | integer | select main date position<br>0:Top-Left<br>1:Top-Right<br>2:Bottom-Left<br>3:Bottom-Right |
| dateformat | integer | select main date format<br>0:YYYY-MM-DD<br>1:MM-DD-YYYY<br>2:DD-MM-YYYY |
| enable_text_sub | boolean | Enable show sub video title<br>0 : disable<br>1 : enable |
| text_name_sub | String max 32 | Sub video title |
| textpos_sub | integer | select subtitle position<br>0:Top-Left<br>1:Top-Right<br>2:Bottom-Left<br>3:Bottom-Right |
| enable_date_sub | integer | Enable show sub date<br>0 : disable<br>1 : enable |
| datepos_sub | integer | select sub date position<br>0:Top-Left<br>1:Top-Right<br>2:Bottom-Left<br>3:Bottom-Right |
| dateformat_sub | | select sub date format<br>0:YYYY-MM-DD<br>1:MM-DD-YYYY<br>2:DD-MM-YYYY |

Example: get osd info

http://192.168.9.129/sdk.cgi?action=get.camera.osd&chnid=0

To set camera osd info

Example: set camera osd info

http://192.168.2.134/sdk.cgi?action=set.camera.osd&type=1&chnid=0&enable_text=1&text_name=main_test&textpos=0&enable_date=1&datepos=1&dateformat=2&enable_text_sub=1&text_name_sub=sub test&textpos_sub=0&enable_date_sub=1&datepos_sub=1&dateformat_sub=2

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| region | String 300 | Region area<br>0:disable<br>1:enable |

Example: get vca region entarnce info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.region.entarnce&chnid=0


Example: set vca region entarnce info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.region.entarnce&chnid=0&enable=0&region
=111110000000000000000000000000000000000000000000001111111111000000000000111
111111110000000000001111111111100000000000011111111111000000001111000111111110
00000001111000111111110000000011111110000000000000001111111000000000000000011
11111000000000000000000000000000000000000000000000000000000000000000000000

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| region | String 300 | Region area<br>0:disable<br>1:enable |

Example: get vca region exiting info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.region.exiting&chnid=0


Example: set vca region exiting info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.region.exiting&chnid=0&enable=0&region=
111110000000000000000000000000000000000000000000001111111111000000000000001111
111111100000000000011111111111000000000000011111111111000000001111000111111110 0
0000001111000111111110000000011111110000000000000001111111000000000000000111
1111000000000000000000000000000000000000000000000000000000000000000000000

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| sensitivity | integer | Sensitivity:1-10 |
| region | String 300 | Region area<br>0:disable<br>1:enable |

Example: get vca advanced motion info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.advanced.motion&chnid=0


Example: set vca advanced motion info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.advanced.motion&chnid=0&enable=1&sens
itivity=9&region=111110000000000000000000000000000000000000000000000001111111111100
00000000000111111111110000000000001111111111100000000000011111111111000000000111
10001111111100000000011110001111111100000000111111000000000000000111111100000
0000000000001111111000000000000000000000000000000000000000000000000000000000000
0

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |

| | | |
|---|---|---|
| enable | integer | 0:disable<br>1:enable |
| sensitivity | integer | Sensitivity:1-10 |

Example: get vca tamper detection info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.tamper.detection&chnid=0

Example: set vca tamper detection info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.tamper.detection&chnid=0&enable=1&sensitivity=9

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| width | integer | Width |
| height | integer | Height |
| startX | integer | X of start point |
| StartY | integer | Y of start point |
| stopX | integer | X of stop point |
| stopY | integer | Y of stop point |
| direction | integer | Direction of line<br>0:A->B<br>1:B->A<br>2:A<->B |

Example: get vca line crossing info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.line.crossing&chnid=0

Example: set vca line crossing info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.line.crossing&chnid=0&enable=1&startX0=1518&startY0=972&stopX0=1482&stopY0=121&direction0=0&startX1=0&startY1=0&stopX1=0&stopY1=0&direction1=0&startX2=0&startY2=0&stopX2=0&stopY2=0&direction2=0&startX3=10&startY3=10&stopX3=1&stopY3=1&direction3=3

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| minLoiteringTime | integer | Min loitering time(3-300s) |
| loiteringObjectSize | integer | Object size (1-100) |
| region | String 300 | Region area<br>0:disable<br>1:enable |

Example: get vca loitering info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.loitering&chnid=0

Example: set vca loitering info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.loitering&chnid=0&enable=1&minLoiteringTime=30&loiteringObjectSize=5&region=111110000000000000000000000000000000000000000000011111111110000000000000111111111110000000000000111111111110000000000001111111111000000000111000111111110000000001110001111111100000000011111100000000000000011111110000000000000000011111110000000000000000000000000000000000000000000000000000000000000000000

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| tracks | integer | Tracks<br>0:disable<br>1:enable |

Example: get vca human detection info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.human.detection&chnid=0

Example: set vca human detection info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.human.detection&chnid=0&enable=1&tracks=1

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| width | integer | Width |
| height | integer | Height |
| startX | integer | X of start point |
| StartY | integer | Y of start point |
| stopX | integer | X of stop point |
| stopY | integer | Y of stop point |
| osdEnable | integer | Show counting OSD<br>0:disable<br>1:enable |
| osdTextPosition | integer | Text position<br>0:Top-Left<br>1:Top-Right<br>2:Bottom-Left<br>3:Bottom-Right |
| fontSize | integer | Font Size<br>0:Smallest<br>1:Small<br>2:Medium<br>3:Large<br>4:Largest<br>5:Auto |
| triggerEnable | integer | Enable Alarm<br>0:disable |

| | | 1:enable |
|---|---|---|
| triggerEnableByIn | integer | |
| inThresholds | integer | |
| triggerEnableByOut | integer | |
| outThresholds | integer | |
| triggerEnableBySum | integer | |
| sumThresholds | integer | |

Example: get vca people counting info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.people.counting&chnid=0

Example: set vca people counting info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.people.counting&chnid=0&enable=1&startX=10&startY=10&stopX=300&stopY=100&osdEnable=1&osdTextPosition=0&fontSize=0&triggerEnable=0&triggerEnableByIn=0&inThresholds=1&triggerEnableByOut=0&outThresholds=1&triggerEnableBySum=0&sumThresholds=1

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| enable | integer | 0:disable<br>1:enable |
| width | integer | Width |
| height | integer | Height |
| processFps | integer | Process FPS |
| scenarioMode | integer | Scenario Mode<br>0:Outdoor<br>1:Indoor |
| cameraInstallation | integer | Camera Installation<br>0:Horizontal View<br>1:Overhead View<br>2:Angle View |
| analysisType | integer | Analysis Type<br>2:Standard<br>3:Advanced |
| minObjectX | integer | Start point x of min object |
| minObjectY | integer | Start point y of min object |
| minObjectWidth | integer | Width of min object |
| minObjectHeight | integer | Height of min object |
| maxObjectX | integer | Start point x of max object |
| maxObjectY | integer | Start point y of max object |
| maxObjectWidth | integer | Width of max object |
| maxObjectHeight | integer | Height of max object |

Example: get vca settings info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.settings&chnid=0

Example: set vca settings info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.settings&processFps=5&scenarioMode=0&cameraInstallation=2&analysisType=2&minObjectX=10&minObjectY=10&minObjectWidth=100&minObjectHeight=100&maxObjectX=50&maxObjectY=50&maxObjectWidth=200&maxObjectHeight=200

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| licenseStatus | integer | License status<br>0:Invalid<br>1:valid |
| license | String | License |

Example: get vca lisence info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.lisence&chnid=0

Example: set vca lisence info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.lisence&license=yzyJ32xhuECumunnFFGGHHhhiiyI

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |

Example: set vca clearcount info

http://192.168.9.129/sdk.cgi?action=set.camera.vca.clearcount&chnid=0

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| support | integer | Support<br>0:no<br>1:yes |

Example: get vca support info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.support&chnid=0

| Parameter | Values | Description |
|---|---|---|
| support | string | Support<br>0:no<br>1:yes |

Example: get vca support all info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.support_all

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |

| enable | integer | 0:disable<br>1:enable |
|---|---|---|
| width | integer | Width |
| height | integer | Height |
| person_point_cnt | integer | Point count |
| id | integer | Point id |
| type | integer | Point type |
| startX | integer | Start point x |
| startY | integer | Start point y |
| stopX | integer | Stop point x |
| stopY | integer | Stop point y |

Example: get vca person point info

http://192.168.9.129/sdk.cgi?action=get.camera.vca.person_point&chnid=0

## 1.8 STATUS.

| Parameter | Values | Description |
|---|---|---|
| chanid | integer | Channel ID |
| port | integer | IP Camera port |
| protocol | integer | IP Camera protocol |
| state | integer | IP Camera stte<br>-2 : no_resource<br>-1 : disconnect<br>0 : null<br>1 : waiting<br>2 : connect |
| main_rtsp_port | integer | Main RTSP port(554) |
| ipaddr | String max 32 | IP address |
| manufacturer | String max 64 | Manufacturer |
| hwid | String max 128 | Hardware ID |
| sn | String max 128 | Serial number |
| fwversion | String max 64 | Firmware version |
| mac | String max 48 | MAC |
| model | String max 64 | Model |
| model_id | integer | 0 : onvif<br>1 : rtsp<br>2 : canon |
| mrespath | String max 128 | Main streamer path |
| srespath | String max 128 | Sub streamer path |
| main_rtspurl | String max 128 | Main URL |
| sub_rtspurl | String max 128 | Sub URL |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.allipc

| Parameter | Values | Description |
|---|---|---|

| chanid | integer | Channel ID |
|---|---|---|
| port | integer | IP Camera port |
| protocol | integer | IP Camera protocol |
| state | integer | IP Camera stte<br>-2 : no_resource<br>-1 : disconnect<br>0 : null<br>1 : waiting<br>2 : connect |
| main_rtsp_port | integer | Main RTSP port(554) |
| ipaddr | String max 32 | IP address |
| manufacturer | String max 64 | Manufacturer |
| hwid | String max 128 | Hardware ID |
| sn | String max 128 | Serial number |
| fwversion | String max 64 | Firmware version |
| mac | String max 48 | MAC |
| model | String max 64 | Model |
| model_id | integer | 0 : onvif<br>1 : rtsp<br>2 : canon |
| mrespath | String max 128 | Main streamer path |
| srespath | String max 128 | Sub streamer path |
| main_rtspurl | String max 128 | Main URL |
| sub_rtspurl | String max 128 | Sub URL |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.ipcinfo&ch=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| main | cur_res | width | integer | |
| | | height | integer | |
| | frame_rate | | integer | |
| | bit_rate | | integer | |
| | connection | | integer | |
| sub | cur_res | width | integer | |
| | | height | integer | |
| | frame_rate | | integer | |
| | bit_rate | | integer | |
| | connection | | integer | |
| record | | | integer | |
| alarm | | | integer | |
| chnid | | | integer | |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.ipcstatus

| Parameter | Values | Description |
|---|---|---|
| video_loss | Long long | Bit mask, each bit represent a channel |

| motion_detect | Long long | Similar as above |
|---|---|---|
| alarm_out | integer | Alarm out bit mask |
| alarm_in | sensor | Sensor bit mask |
| regionin_detect | Long long | Bit mask, each bit represent a channel |
| regionexit_detect | Long long | Bit mask, each bit represent a channel |
| advanced_motion_detect | Long long | Bit mask, each bit represent a channel |
| tamper_detect | Long long | Bit mask, each bit represent a channel |
| linecross_detect | Long long | Bit mask, each bit represent a channel |
| loiter_detect | Long long | Bit mask, each bit represent a channel |
| human_detect | Long long | Bit mask, each bit represent a channel |
| in | integer | People count of in |
| out | integer | People count of out |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.event

| Parameter | Values | Description |
|---|---|---|
| alarm | integer | Result of io alarm status |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.ioalarm

| Parameter | Values | Description |
|---|---|---|
| sensor | integer | Result of io sensor status |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.iosensor

| Parameter | Values | Description |
|---|---|---|
| total | integer | Total bandwidth |
| free | integer | Free bandwidth |
| used | integer | Used bandwidth |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.netbandwidth

| Parameter | Values | Description |
|---|---|---|
| ifname | String max 10 | Lan1/Lan2/Bond0 |
| netif_id | integer | Network card ID |
| conn_stat | integer | Connected Saturation<br>0 : unconnected<br>1 : connected |
| speed_mode | integer | Speed mode<br>10M/s 100M/s |
| duplex | integer | Duplex<br>0 : Half-duplex<br>1 : fuul-duplex |

| enable | Boolean | Enable<br>0 : disable<br>1 : enable |
|---|---|---|
| dhcp_enable | Boolean | Enable<br>0 : disable<br>1 : enable |
| ip | String max 24 | IP address |
| mac | String max 24 | MAC |
| primary_dns | String max 24 | Preferred DNS |
| second_dns | String max 24 | Alternate DNS |
| gateway | String max 24 | Gateway |
| netmask | String max 24 | Net mask |
| mtu | integer | MTU(B) |
| ret_cnt | integer | Get status netinfo result count |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.netinfo

| Parameter | Values | Description |
|---|---|---|
| ifname | String max 10 | Network Card Name<br>LAN1/LAN2/BOND0 |
| rx_speed | integer | Receive Rate(Unit:Bps) |
| tx_speed | integer | Send Rate(Unit: Bps) |
| netif_id | integer | Network Card ID |

Example: get status parametes

http://192.168.9.129/sdk.cgi?action=get.status.netspeed

Example: get motion status parametes

http://192.168.9.129/sdk.cgi?action=get.status.motion

# 1.9 RECORD

| Parameter | Values | Description |
|---|---|---|
| ch | Integer<br>0~15 | Channel id |
| mode | integer | Record mode<br>0 : Never<br>1 : Always<br>2 : By Schedule |
| audio_on | boolean | Enable audio<br>0 : disable<br>1 : enable |
| prev_rec_on | boolean | Enable pre-record<br>0 : disable<br>1 : enable |
| prev_rec_duration | Integer<br>0~10s | Pre-record time(s) |
| post_rec_on | boolean | Enable post-record<br>0 : disable<br>1 : enable |
| post_rec_duration | Integer<br>1~60 min | Post-record time(min) |
| rec_expiration_date | Integer | Expiration date record (day) |

| | | 0~60 day | |
|---|---|---|---|
| photo_expiration_date | Integer | | Photo expiration time(day)<br>0:unlimit<br>other:days |

Example: get record parametes

http://192.168.9.129/sdk.cgi?action=get.record.advanced&id=0

To set record advanced parametes

Example: set record advanced

http://192.168.9.129/sdk.cgi?action=set.record.advanced&id=0&mode=2&audio_enable=0&prev_record_on=1&prev_record_duration=10&post_record_on=1&post_record_duration=3&record_expiration_date=0

To set record parametes

Example: set record record parametes

http://192.168.9.129/sdk.cgi?action=set.record.record&chnid=0&enable=0&event=1

To set record mode parametes

Example: set record mode

http://192.168.9.129/sdk.cgi?action=set.record.mode&id=0&mode=0

| Parameter | | | Values | Description |
|---|---|---|---|---|
| 8xschedule_day | 12xschedule_item | start_time | struct | start_time : start rec time [char [32]]<br>end_time : end rec time  [char [32]]<br>action_type : rec type    [integer]<br>Wholeday_enable : 0/1    [integer]<br>Wholeday_action_type : wholeday action type                    [integer] |
| | | end_time | | |
| | | action_type | | |
| | wholeday_enable | | | |
| | wholeday_action_type | | | |
| enable | | | integer | ~ |
| ch | | | integer | Channel id |

Example: get record schedule

http://192.168.9.129/sdk.cgi?action=get.record.schedule&ch=0

To set schedule recsched parametes

Example: set schedule recsched parametes

http://192.168.9.129/sdk.cgi?action=set.record.schedule&ch=0&enable=1&wholeday_enable[0]=1&wholeday_action_type[0]=1&start_time[0][0]=00:00&end_time[0][0]=01:00&action_type[0][0]=0&start_time[0][1]=00:00&end_time[0][1]=12:00&action_type[0][1]=1&start_time[0][2]=&end_time[0][2]=&action_type[0][2]=0&start_time[0][3]=&end_time[0][3]=&action_type[0][3]=0&start_time[0][4]=&end_time[0][4]=&action_type[0][4]=0&start_time[0][5]=&end_time[0][5]=&a

ction_type[0][5]=0&start_time[0][6]=&end_time[0][6]=&action_type[0][6]=0&start_time[0][7]=&end_time[0][7]=&action_type[0][7]=0&start_time[0][8]=&end_time[0][8]=&action_type[0][8]=0&start_time[0][9]=&end_time[0][9]=&action_type[0][9]=0&start_time[0][10]=&end_time[0][10]=&action_type[0][10]=0&start_time[0][11]=12:00&end_time[0][11]=14:00&action_type[0][11]=2&wholeday_enable[1]=0&wholeday_action_type[1]=0&start_time[1][0]=&end_time[1][0]=&action_type[1][0]=0&start_time[1][1]=&end_time[1][1]=&action_type[1][1]=0&start_time[1][2]=&end_time[1][2]=&action_type[1][2]=0&start_time[1][3]=&end_time[1][3]=&action_type[1][3]=0&start_time[1][4]=&end_time[1][4]=&action_type[1][4]=0&start_time[1][5]=&end_time[1][5]=&action_type[1][5]=0&start_time[1][6]=&end_time[1][6]=&action_type[1][6]=0&start_time[1][7]=&end_time[1][7]=&action_type[1][7]=0&start_time[1][8]=&end_time[1][8]=&action_type[1][8]=0&start_time[1][9]=&end_time[1][9]=&action_type[1][9]=0&start_time[1][10]=&end_time[1][10]=&action_type[1][10]=0&start_time[1][11]=&end_time[1][11]=&action_type[1][11]=0&wholeday_enable[2]=0&wholeday_action_type[2]=0&start_time[2][0]=&end_time[2][0]=&action_type[2][0]=0&start_time[2][1]=&end_time[2][1]=&action_type[2][1]=0&start_time[2][2]=&end_time[2][2]=&action_type[2][2]=0&start_time[2][3]=&end_time[2][3]=&action_type[2][3]=0&start_time[2][4]=&end_time[2][4]=&action_type[2][4]=0&start_time[2][5]=&end_time[2][5]=&action_type[2][5]=0&start_time[2][6]=&end_time[2][6]=&action_type[2][6]=0&start_time[2][7]=&end_time[2][7]=&action_type[2][7]=0&start_time[2][8]=&end_time[2][8]=&action_type[2][8]=0&start_time[2][9]=&end_time[2][9]=&action_type[2][9]=0&start_time[2][10]=&end_time[2][10]=&action_type[2][10]=0&start_time[2][11]=&end_time[2][11]=&action_type[2][11]=0&wholeday_enable[3]=0&wholeday_action_type[3]=0&start_time[3][0]=&end_time[3][0]=&action_type[3][0]=0&start_time[3][1]=&end_time[3][1]=&action_type[3][1]=0&start_time[3][2]=&end_time[3][2]=&action_type[3][2]=0&start_time[3][3]=&end_time[3][3]=&action_type[3][3]=0&start_time[3][4]=&end_time[3][4]=&action_type[3][4]=0&start_time[3][5]=&end_time[3][5]=&action_type[3][5]=0&start_time[3][6]=&end_time[3][6]=&action_type[3][6]=0&start_time[3][7]=&end_time[3][7]=&action_type[3][7]=0&start_time[3][8]=&end_time[3][8]=&action_type[3][8]=0&start_time[3][9]=&end_time[3][9]=&action_type[3][9]=0&start_time[3][10]=&end_time[3][10]=&action_type[3][10]=0&start_time[3][11]=&end_time[3][11]=&action_type[3][11]=0&wholeday_enable[4]=0&wholeday_action_type[4]=0&start_time[4][0]=&end_time[4][0]=&action_type[4][0]=0&start_time[4][1]=&end_time[4][1]=&action_type[4][1]=0&start_time[4][2]=&end_time[4][2]=&action_type[4][2]=0&start_time[4][3]=&end_time[4][3]=&action_type[4][3]=0&start_time[4][4]=&end_time[4][4]=&action_type[4][4]=0&start_time[4][5]=&end_time[4][5]=&action_type[4][5]=0&start_time[4][6]=&end_time[4][6]=&action_type[4][6]=0&start_time[4][7]=&end_time[4][7]=&action_type[4][7]=0&start_time[4][8]=&end_time[4][8]=&action_type[4][8]=0&start_time[4][9]=&end_time[4][9]=&action_type[4][9]=0&start_time[4][10]=&end_time[4][10]=&action_type[4][10]=0&start_time[4][11]=&end_time[4][11]=&action_type[4][11]=0&wholeday_enable[5]=0&wholeday_action_type[5]=0&start_time[5][0]=&end_time[5][0]=&action_type[5][0]=0&start_time[5][1]=&end_time[5][1]=&action_type[5][1]=0&start_time[5][2]=&end_time[5][2]=&action_type[5][2]=0&start_time[5][3]=&end_time[5][3]=&action_type[5][3]=0&start_time[5][4]=&end_time[5][4]=&action_type[5][4]=0&start_time[5][5]=&end_time[5][5]=&action_type[5][5]=0&start_time[5][6]=&end_time[5][6]=&action_type[5][6]=0&start_time[5][7]=&end_time[5][7]=&action_type[5][7]=0&start_time[5][8]=&end_time[5][8]=&action_type[5][8]=0&start_time[5][9]=&end_time[5][9]=&action_type[5][9]=0&start_time[5][10]=&end_time[5][10]=&action_type[5][10]=0&start_time[5][11]=&end_time[5][11]=&action_type[5][11]=0&wholeday_enable[6]=0&wholeday_action_type[6]=0&start_ti

me[6][0]=&end_time[6][0]=&action_type[6][0]=0&start_time[6][1]=&end_time[6][1]=&action_t
ype[6][1]=0&start_time[6][2]=&end_time[6][2]=&action_type[6][2]=0&start_time[6][3]=&end_ti
me[6][3]=&action_type[6][3]=0&start_time[6][4]=&end_time[6][4]=&action_type[6][4]=0&start
_time[6][5]=&end_time[6][5]=&action_type[6][5]=0&start_time[6][6]=&end_time[6][6]=&action
_type[6][6]=0&start_time[6][7]=&end_time[6][7]=&action_type[6][7]=0&start_time[6][8]=&end
_time[6][8]=&action_type[6][8]=0&start_time[6][9]=&end_time[6][9]=&action_type[6][9]=0&sta
rt_time[6][10]=&end_time[6][10]=&action_type[6][10]=0&start_time[6][11]=&end_time[6][11]=
&action_type[6][11]=0&wholeday_enable[7]=0&wholeday_action_type[7]=0&start_time[7][0]=
&end_time[7][0]=&action_type[7][0]=0&start_time[7][1]=&end_time[7][1]=&action_type[7][1]=
0&start_time[7][2]=&end_time[7][2]=&action_type[7][2]=0&start_time[7][3]=&end_time[7][3]=
&action_type[7][3]=0&start_time[7][4]=&end_time[7][4]=&action_type[7][4]=0&start_time[7][5]
=&end_time[7][5]=&action_type[7][5]=0&start_time[7][6]=&end_time[7][6]=&action_type[7][6]
=0&start_time[7][7]=&end_time[7][7]=&action_type[7][7]=0&start_time[7][8]=&end_time[7][8]
=&action_type[7][8]=0&start_time[7][9]=&end_time[7][9]=&action_type[7][9]=0&start_time[7][
10]=&end_time[7][10]=&action_type[7][10]=0&start_time[7][11]=&end_time[7][11]=&action_ty
pe[7][11]=0

| Parameter | Values | Description |
|-----------|--------|-------------|
| record | char | Batch setting reord start [char[64]] |
| stop | char | Batch setting reord stop [char[64]] |

Example: set camera batchsetting
http://192.168.9.147/sdk.cgi?action=set.record.batchsetting&record=1010101010101010101010
1010101010&stop=0101010101010101010101010101

# 1.10 PTZ

To set ptz auto focus parametes

Example: set ptz auto focus parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.auto_focus&chanid=

To set ptz auto scan parametes

Example: set ptz auto scan parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.auto_scan&chanid=

To set ptz brush off parametes

Example: set ptz brush off parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.brush_off&chanid=

To set ptz brush on parametes

Example: set ptz brush on parametes

http://192.168.9.129/sdk.cgi?action=set.ptz.brush_on&chanid=


To set ptz down parametes


Example: set ptz down parametes

http://192.168.9.129/sdk.cgi?action=set.ptz.down&chanid=&speed=


To set ptz focus in parametes


Example: set ptz focus in parametes

http://192.168.9.129/sdk.cgi?action=set.ptz.focus_in&chanid=&speed=


To set ptz focus out parametes


Example: set ptz focus out parametes

http://192.168.9.129/sdk.cgi?action=set.ptz.focus_out&chanid=&speed=


To set ptz focus stop parametes


Example: set ptz focus stop parametes

http://192.168.9.129/sdk.cgi?action=set.ptz.focus_stop&chanid=


| Parameter | Values | Description |
|---|---|---|
| id | integer | Channel id |
| baudrate | boolean | PTZ baudrate |
| data_bit | An unsigned integer | Data bit |
| stop_bit | An unsigned integer | Stop bid |
| parity_type | integer | Parity type<br>0 : none<br>1 : Even<br>2 : Odd |
| protocol | integer | PTZ Protocol |
| address | Integer 1~255 | PTZ address |
| com_type | integer | |
| connect_type | integer | Connect type<br>0 : onvif<br>1 : RS485 |


To set ptz iris minus parametes


Example: set ptz iris minus　parametes

http://192.168.9.129/sdk.cgi?action=set.ptz.iris_minus&chanid=

To set ptz iris plus parametes

Example: set ptz iris plus parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.iris_plus&chanid=

To set ptz left parametes

Example: set ptz left parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.left&chanid=&speed=

To set ptz left down parametes

Example: set ptz left down parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.left_down&chanid=&pan=&tilt=

To set ptz left up parametes

Example: set ptz left up parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.left_up&chanid=&pan=&tilt=

To set ptz light off parametes

Example: set ptz light off parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.light_off&chanid=

To set ptz light on parametes

Example: set ptz light on parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.light_on&chanid=

To set ptz preset clear parametes

Example: set ptz preset clear parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.preset_clear&chanid=&preno=

To set ptz preset goto parametes

Example: set ptz preset goto parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.preset_goto&chanid=&preno=

To set ptz preset set parametes

Example: set ptz preset set parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.preset_set&chanid=&preno=

To set ptz right parametes

Example: set ptz right parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.right&chanid=&speed=

To set ptz right down parametes

Example: set ptz right down parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.right_down&chanid=&pan=&tilt=

To set ptz right up parametes

Example: set ptz right up parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.right_up&chanid=&pan=&tilt=

To set ptz serial port parametes

Example: set ptz serial port parametes
http://192.168.9.129/sdk.cgi/action=set.ptz.serial_port&id=0&baudrate=9600&date_bit=8&stop
_bit=1&parity_type=0&protocol=8&address=1&com_type=0&connect_type=0

To set ptz stop parametes

Example: set ptz stop parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.stop&chanid=

To set ptz tour add parametes

Example: set ptz tour add parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.tour_add&chanid=&tourid=&key=&preno=&tour_sp
d=&tour_time=

To set ptz tour clear parametes

Example: set ptz tour clear parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.tour_clear&chanid=&tourid=&key=&preno=&tour_s
pd=&tour_time=

To set ptz tour delete parametes

Example: set ptz tour delete parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.tour_delete&chanid=&tourid=&key=&preno=&tour_

spd=&tour_time=

To set ptz tour down parametes

Example: set ptz tour down parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.tour_down&chanid=&tourid=&key=&preno=&tour_
spd=&tour_time=

To set ptz tour run parametes

Example: set ptz tour run parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.tour_run&chanid=&tourid=&key=&preno=&tour_sp
d=&tour_time=

To set ptz tour stop parametes

Example: set ptz tour stop parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.tour_stop&chanid=&tourid=&key=&preno=&tour_s
pd=&tour_time=
To set ptz tour up parametes

Example: set ptz tour up parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.tour_up&chanid=&tourid=&key=&preno=&tour_spd
=&tour_time=

To set ptz up parametes

Example: set ptz up parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.up&chanid=&speed=

To set ptz zoom in parametes

Example: set ptz zoom in parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.zoom_in&chanid=&speed=

To set ptz zoom out parametes

Example: set ptz zoom out parametes
http://192.168.9.129/sdk.cgi?action=set.ptz.zoom_out&chanid=&speed=


# 1.11 DISK

To set disk format parametes

Example: set disk format parametes

http://192.168.9.129/sdk.cgi?action=set.disk.format&diskid=1

| Parameter | Values | Description |
|---|---|---|
| ret_cnt | integer | |
| port | integer | |
| vendor | String max 32 | |
| total | integer | |
| user | integer | |
| free | integer | |
| state | integer | 0=disk no be format<br>1=disk is OK, has be formatted<br>2=disk is not exist<br>3=disk is formatting<br>4=disk has error,   may be can not be used.<br>5=loading |
| hddtype | integer | 0=unknow<br>1=local<br>2=usb<br>3=nas<br>4=raid<br>5=esata<br>6=ipsan<br>7=global spare<br>8=in raid<br>9=none |
| property | integer | 0=read only<br>1=R/W |
| raid_status | integer | 1=disk no exist in system<br>2=disk not be used for raid array<br>3=disk used for a raid array<br>4=disk used for a raid array,but only for spare/resync/recovery function<br>5=disk exist in   a raid array, bug has error, can not be used.<br>6=disk has be removed |
| raid_level | integer | |
| raid_task | integer | |
| raid_diskcnt | integer | |
| | | |
| | | |

Example: get disk storage info parametes

http://192.168.9.129/sdk.cgi?action=get.disk.storage_info

To set disk storage info parametes

Example: set disk storage info parametes

http://192.168.9.129/sdk.cgi?action=set.disk.storage_info&portId=1&recycle_mode=0

| Parameter | Values | Description |
|---|---|---|

| | | |
|---|---|---|
| portId | integer | |
| property | integer | 0=read-only,1=r/w |

To set disk storage property parametes


Example: set disk storage property parametes

http://192.168.9.129/sdk.cgi?action=set.disk.property&portId=1&property=1


| Parameter | Values | Description |
|---|---|---|
| portId | integer | |
| type | integer | |

To set disk storage delete parametes


Example: set disk storage delete parametes

http://192.168.9.129/sdk.cgi?action=set.disk.delete&portId=2&type=3


| Parameter | Values | Description |
|---|---|---|
| mode | integer | Recycle mode<br>0=disable<br>1=enable |

To set disk storage recycle mode parametes


Example: set disk storage recycle mode parametes

http://192.168.9.129/sdk.cgi?action=set.disk.recycle_mode&mode=0


To get disk storage recycle mode parametes


Example: set disk storage recycle mode parametes

http://192.168.9.129/sdk.cgi?action=get.disk.recycle_mode



# 1.12 QT

To control qt


Url:

http://ip/sdk.cgi?action=set.qtctrl.cmd&cmd=XXXXX

Example:

To    LiveView

http://192.168.9.150/sdk.cgi?action=set.qtctrl.cmd&cmd=Page_LiveView


| Parameter | Values | Description |
|---|---|---|
| result | String max 20 | |
| curPage | String max 20 | |
| live_view_wnd_num | integer | |
| play_back_wnd_num | integer | |

| live_view_select_wnd | integer | |
|---|---|---|
| play_back_select_wnd | integer | |
| live_view_fullScreenWnd | integer | |
| play_back_fullScreenWnd | integer | |
| playbackspeed | String max 10 | |
| playbackmode | String max 20 | |
| playbackdate | String max 20 | |
| playbacktime | String max 20 | |

| Cmd | Action | Description |
|---|---|---|
| Page_XXXX | Go to other page | Page_LiveView, Page_PlayBack |
| FullScreen | FullScreen | |
| PlayBack_NextHour | Next hour | |
| PlayBack_LastHour | Last hour | |
| PlayBack_SpeedUp | Fast forward | |
| PlayBack_Rewind | Rewind | |
| PlayBack_LastDay | Last day | |
| PlayBack_NextDay | Next day | |
| PlayBack_LastMonth | Last month | |
| PlayBack_NextMonth | Next month | |
| PlayBack_Play | Play | |
| PlayBack_Pause | Pause | |
| PlayBack_Stop | Stop | |
| Wnd_X | Split screen | Wnd_4, Wnd_9, Wnd16 |
| SelChannel_XX | Select channel | SelChannel_0, SelChannel_12 (0-15) |
| SelWnd_CENTER | Select window | |
| SelWnd_UP | Select window | |
| SelWnd_DOWN | Select window | |
| SelWnd_LEFT | Select window | |
| SelWnd_RIGHT | Select window | |
| SelWnd_XX | Select the wnd | SelWnd_9 |
| Audio | Open or close audio | |
| SingleChannel_XX | Full the certain channel | |
| ChangeFocus_Next | Foucs the next item | |
| Menu | Call the menu | |
| Esc | Return live view page | |
| Seq_XX | Open or close sequence | Seq_Main Seq_Sub Seq_Current |