IP Camera CGI Manual

Catalog

Ip camera cgi profile

This article lists cgi is a set which ip camera provides based on the http agreement connection, the client side procedure (may be homepage which or other application procedure on the web browser moves) may carry on each kind of operation through cgi to the equipment.

cgi safe authentication: The following arranges in order cgi, visit to its when is needs to authenticate safely. Moreover the different cgi connection needs the jurisdiction is not same, is always divided third-level: Visitor, operator and superintendent. But the jurisdiction is the user who establishes by the equipment on decided. The concrete safe authentication mechanism supports two ways: in the http agreement stipulated Basic safe authentication mechanism, in the cgi parameter direct additional user name and password.

Visits cgi the method: In all http method, cgi which this article arranges in order only supports get and post. And upgrade_firmware.cgi and upgrade_htmls.cgi only support the post method, but other cgi only supports the get method.

Get \example
```
    <form action="/set_mail.cgi">
        <input name="svr">
        <input name="user">
        <input name="pwd">
        <input name="sender">
        <input name="receiver1">
        <input name="receiver2">
        <input name="receiver3">
        <input name="receiver4">
    <input type=hidden name="next_url" value="index.htm">
    <input type=submit value="ok">
    </form>
```
Post example
```
    <form          action="upgrade_firmware.cgi?next_url=index.htm"          method="post"
    enctype="multipart/form-data">

    <input type="file" name="file" size="20">
    </form>
```
cgi returns: According to return information's difference, cgi which this article arranges in order may divide into two kinds:
Gain device status and parameter cgi, including get_status.cgi and get_params.cgi. They return including the device status or the parameter text, in the concrete form similar javascript variable definition, is a variable and returns each condition or the parameter definition, for example,

```
var id=' 003456789A0A' ;
var sys_ver=' 0.0.1.2' ;
var app_ver=' 0.0.1.3' ;
var alias='' ;
var now=1195552193;
var tz=0;
var ntp_enable=1;
var ntp_svr=' time.nist.gov' ;
```

The establishment plant parameter or carries on the operation cgi. This kind of cgi will return contains the operating result the text information, if will succeed returns to "ok"; If is defeated returns to the concrete error message, for instance: "error: illegal param" expressed cgi supplements the parameter contains errors. Moreover like operates successfully does not hope the simple returns "ok" the text, but is a document, then may, in requested in the cgi parameter string increases a parameter: next_url. An under document which after this parameter is the correspondence operates successfully, skips, the attention must be the relative way.

check_user.cgi

Description: Gain current user verification result
Permission: Visitor
Grammar: /check_user.cgi [? user=&pwd=]
Returns:
    user: Current user
    pwd: Current password
    pri: Current jurisdiction
        1: Visitor
        2: Operator
        3: Superintendent

snapshot.cgi

Description: Gain current picture
Permission: Visitor
Grammar: /snapshot.cgi [? user=&pwd=&next_url=]
Parameter:
    next_url: name of picture document
  Explained:
    If has not attached the next_url parameter, the returns picture's filename is called: Equipment id (equipment alias) _ current time .jpg, otherwise its filename is called the

document name which next_url assigns.

（for example：http://192.168.0.105/snapshot.cgi

　　　http://192.168.0.105/snapshot.cgi?user=admin&pwd=）

videostream.cgi

Description:　ipcamera pattern pushes the jpeg video frequency by server the push to the client side to flow

Permission: Visitor

Grammar: /videostream.cgi[?user=&pwd=&resolution=&rate=]

Parameter：

　　resolution：Image resolution　（8：320*240，32：640*480）

　　rate：Image transmission speed, value scope　0-23

　　　　0：full speed

　　　　1：20 fps

　　　　3：15 fps

　　　　6：10 fps

　　　　11：5 fps

　　　　12：4 fps

　　　　13：3 fps

　　　　14：2 fps

　　　　15：1 fps

　　　　17：1 fp/2s

　　　　19：1 fp/3s

　　　　21：1 fp/4s

　　　　23：1 fp/5s

videostream.asf

Description：ipcamera transmits the asf class media form the video and music data, presently only supports vlc player and mplayer

Permission: Visitor

Grammer：/videostream.asf[?user=&pwd=&resolution=&rate=]

Parameter：

　　resolution：Image resolution　（8：320*240，32：640*480）

　　rate：Image transmission speed, value scope　0-23

　　　　0：full speed

　　　　1：20 fps

　　　　3：15 fps

　　　　6：10 fps

　　　　11：5 fps

12：4 fps
13：3 fps
14：2 fps
15：1 fps
17：1 fp/2s
19：1 fp/3s
21：1 fp/4s
23：1 fp/5s

get_status.cgi

Description: Gain device status
Permission: None
Grammar：/get_status.cgi
Returns：

id：device id
sys ver：firmware edition
app ver：homepage contact surface edition
alias：alias

now：From 1970-1-1 0:0: 0 arrive at a second number which equipment's current time passes.

tz：Equipment current time zone establishment and standard Greenwich Mean Time deviation second number

alarm status：Equipment current warning condition, 0: Alarm free; 1: Motion monitor warning; 2: Input warning

ddns status：Equipment current ddns operating status.

0	Has not operated
1	Connecting
2	Connection server defeat
3	Dyndns succeed
4	Dyndns failure：Systematic error
5	Dyndns failure：The user name or the password are wrong
6	Dyndns failure：Non-credit user
7	DynDns failure: The domain name form is not correct
8	DynDns failure: The domain name does not exist
9	DynDns failure: The domain name does not belong to you
10	DynDns failure：Too many or too few domain name request
11	DynDns failure: Because the domain name abuses is prevented
12	DynDns failure: server error
13	DynDns failure: The correct response is not received

	server
14	Oray failure: The correct response is not received server
15	Oray failure: The user name or the password are wrong
16	Oray failure: The domain name is wrong
17	Oray Success
18 .. 28	Retain
29	3322 Success
30	3322 failure: Systematic error
31	3322 failure: The user name or the password is wrong
32	3322 failure:: Non-credit user
33	3322 failure: The domain name form is not correct
34	3322 failure: The domain name does not exist
35	3322 failure: The domain name does not belong to you
36	3322 failure: Too many or too few domain name request
37	3322 failure: Because the domain name abuses is prevented
38	3322 failure: server error
39	3322 failure: The correct response is not received server
40 .. 42	Retain

ddns_host：ddns host name

oray_type：oray service type, 0:standard; 1:profession

upnp_status：The current operation status is upnp

0	Has not operated
1	Success
2	Equipment systematic error
3	Network communication error
4	Dialogue with the UPnP device error
5	UpnP equipment refused,may be port conflicts

get_camera_params.cgi

Description: Gain camera parameter establishment

Permission: Visitor

Grammer: /get_camera_params.cgi[?user=&pwd=]

Return:

Resolution: 8, qvga；32：vga

Brightness：0-255

Mode：0：50hz；1：60hz；2：outdoor

Flip：0：original；1：flip vertical　2；horizontal mirror image　3：flip vertical + horizontal mirror image

decoder_control.cgi

Description：decoder control

Permissions：operator

Grammer   :

/decoder_control.cgi?command=[&onestep=&user=&pwd=&next_url=]

Parameter：

Onestep=1：operation specified in a single step operation head to stop,only for the model comes with ptz functions and applies only up,down,left and right operation.

Command: decoder operational order

value	485 serial port external connection pelco-d decoder	Built-in motor
0	up	up
1	Stop up	Stop up
2	Down	down
3	Stop down	Stop down
4	Left	left
5	Stop left	Stop left
6	Right	right
7	Stop right	Stop right
8	Small aperture	
9	Stop small aperture	
10	Big aperture	
11	Stop big aperture	
12	The focal distance is near	
13	Stop near focal distance	
14	The focal distance is far	
15	Stop far focal distance	
16	Zoom is near	
17	Stop near zoom	
18	Zoom is far	
19	Stop far zoom	
20	Auto cruise	
21	Stop auto cruise	
22	Closed switch 1	
23	Disconnect switch 1	
24	Closed switch 2	

25	Disconnect switch 2	center
26	Closed switch 3	Cruise up and down
27	Disconnect switch 3	Stop cruising up and down
28	Closed switch 4	Cruise left and right
29	Disconnect switch 4	Stop cruising left and right
30	Set preset position 1	
31	To the preset position 1	
...	.	
90	.	Up of left
91	.	Up of right
92	Set preset position 32	Down of left
93	To the preset position 32	Down of right
94	Io output high	Io output high
95	Io output low	Io output low
255		Motor test mode

camera_control.cgi

Description: image sensor parameter control
Permission: operator
Grammer: /camera_control.cgi?param=&value=[&user=&pwd=&next_url=]
Parameter:

   Param: parameter type
   Value: parameter value

param	value
0：resolution	2：qqvga
	8：qvga
	32：vga
1：brightness	0~255
2：contrast	0~6
3：mode	0：50hz
	1：60hz
	2：outdoor
5：flip	0：original
	1：flip vertical
	2：horizontal mirror image
	3：flip vertical + horizontal mirror image

reboot.cgi

Description:restart device
Permissions:manager
Grammer: /restore_factory.cgi[?user=&pwd=&next_url=]

get_params.cgi

Description: Gain device parameters set
Permissions:manager
Grammer: /get_params.cgi[?user=&pwd=]
Returns:

id	Device id
sys_ver	Firmware edition
app_ver	homepage contact surface edition
alias	alias
now	From 1970-1-1 0:0: 0 arrive at a second number which equipment's current time passes.
tz	Equipment current time zone establishment and standard Greenwich Mean Time deviation second number
ntp_enable	0: Forbids the ntp timing; 1: Permission
ntp_svr	ntp server
user1_name	User 1 name
user1_pwd	User 1 password
user1_pri	User 1 permission，0：visitor；1：operator；2：manager
...	
user8_name	User 8 name
user8_pwd	User 8 password
user8_pri	User 8permission
dev2_alias	Device 2 alias
dev2_host	Device 2 address
dev2_port	Device 2e port
dev2_user	Device 2 visit user
dev2_pwd	Device 2 visit password
...	
dev4_alias	Device 4 alias
dev4_host	Device 4 address
dev4_port	Device 4 port
dev4_user	Device 4 visit user
dev4_pwd	Device 4 visit password

ip	ip address
mask	Subnet mask
gateway	gateway
dns	dns server
port	port
wifi_enable	0：forbids wifi function；1：permission
wifi_ssid	To join the wifi network ssid
wifi_channel	retain
wifi_mode	retain
wifi_encrypt	0：Forbids to encrypt ；1：wep encrypt
wifi_authtype	wep Verification way，0：open；1：share
wifi_keyformat	the wep key form, 0:16 enters the system digit; 1:ascii character
wifi_defkey	wep key choice in
wifi_key1	Wep key 1
wifi_key2	wep key 2
wifi_key3	wep key 3
wifi_key4	wep key 4
wifi_key1_bits	wep key 1 length，0：64 bits；1：128 bits
wifi_key2_bits	wep key 2 length，0：64 bits；1：128 bits
wifi_key3_bits	wep key 3 length，0：64 bits；1：128 bits
wifi_key4_bits	wep key 4 length，0：64 bits；1：128 bits
wifi_wpa_psk	wpa psk key
pppoe_enable	0：forbids pppoe；1：permission
pppoe_user	pppoe digit dialing user
pppoe_pwd	pppoe digit dialing password
upnp_enable	0：forbids upnp mapping function；1：permission
ddns_service	0：forbids ddns service
	1：oray
	2：DynDns.org(dyndns)
	3：DynDns.org(statdns)
	4：DynDns.org(custom)
	5：retain
	6：retain
	7：retain
	8：3322(dyndns)
	9：3322(statdns)
	10：retain
	11：retain
	12：retain
ddns_user	ddns user
ddns_pwd	ddns password

ddns_host	ddns domain name
ddns_proxy_svr	Proxy server address (is only restricted in mainland uses the dyndns service)
ddns_proxy_port	Proxy server port
mail_svr	mai server address
mail_port	mail service port
mail_user	mail server user
mail_pwd	Email server password
mail_sender	mail sender
mail_receiver1	Mail receiver 1
mail_receiver2	Mail receiver 2
mail_receiver3	Mail receiver 3
mail_receiver4	Mail receiver 4
mail_inet_ip	Camera inet when ip change whether to transmit the mail notice, 0: No; 1: Yes
ftp_svr	ftp server address
ftp_port	ftp server port
ftp_user	ftp server user
ftp_pwd	ftp server password
ftp_dir	ftp store directory on the server
ftp_mode	0：port mode；1：pasv mode
ftp_upload_interval	Instantly uploads the picture the gap (second), 0: Prohibition
ftp_filename	ftp save the file name
ftp_numberoffiles	ftp save the file quantity
alarm_motion_armed	0：mobile detection disarm；1：deployment
alarm_motion_sensitivity	0-9：high-low
alarm_input_armed	0：mobile detection disarm；1：deployment
alarm_ioin_level	Alarm trigger level input，0：low；1：high
alarm_iolinkage	0:alarm linkage against io;1:permission
alarm_ioout_level	io linkage output level,0:low;1:high
alarm_mail	0: alarm mail notification when the ban;1:permission
alarm_upload_interval	Upload alarm interval(in seconds),0:prohibit
alarm_http	0: alarm ban the use of http access to notice;1:permission
alarm_http_url	Alarm visit http url
alarm_schedule_enable	Whether to adopt the deployment plan
alarm_schedule_sun_0	Sunday deployment plan by 24 hours per day,hour by 15 minutes divided into 96 deployment periods. Bit0-95 0:the time is not deployed；1 the deployment time
alarm_schedule_sun_1	
alarm_schedule_sun_2	
alarm_schedule_mon_0	
alarm_schedule_mon_1	
alarm_schedule_mon_2	
alarm_schedule_tue_0	

alarm_schedule_tue_1	
alarm_schedule_tue_2	
alarm_schedule_wed_0	
alarm_schedule_wed_1	
alarm_schedule_wed_2	
alarm_schedule_thu_0	
alarm_schedule_thu_1	
alarm_schedule_thu_2	
alarm_schedule_fri_0	
alarm_schedule_fri_1	
alarm_schedule_fri_2	
alarm_schedule_sat_0	
alarm_schedule_sat_1	
alarm_schedule_sat_2	
decoder_baud	Decoder baud rate

upgrade_firmware.cgi

Description: Promotion equipment firmware
Permission: manager
Grammar: /upgrade_firmware.cgi [? user=&pwd=&next_url=]
Explained: This cgi must use the post method, will probably promote the document
pack transmits to ip camera.

upgrade_htmls.cgi

Description: Promotion equipment homepage contact surface
Permission: manager
Grammar: /upgrade_htmls.cgi[?user=&pwd=&next_url=]
Explained: This cgi must use the post method, will probably promote the document
pack transmits to ip camera.

set_alias.cgi

Description: Establishment equipment alias parameter
Permission: Superintendent
Grammar: /set_alias.cgi? alias=[&user=&pwd=&next_url=]
Parameter:
alias: Equipment alias, length <= 20

set_datetime.cgi

Description: Establishment equipment date time parameter
Permission: Superintendent
Grammar: /set_datetime.cgi?
tz=&ntp_enable=&ntp_svr=[&now=&user=&pwd=&next_url=]
Parameter:

now	From 1970-1-1 0:0:0 to the specified number of senconds elapsed time,such as additional to the parameters of the equipment is based on the time when the timing
tz	Set time zone:GMT and standard deviation of the number of seconds
ntp_enable	0：prohibition of timing when ntp；1：permission
ntp_svr	ntp server，length <= 64

set_users.cgi

Description: Establishment equipment user parameter
Permission: manager
Grammar:

/set_users.cgi?user1=&pwd1=&pri1=&user2=&pwd2=&pri2=&user3=&pwd3=&pri3=
&user4=&pwd4=&pri4=&user5=&pwd5=&pri5=&user6=&pwd6=&pri6=&user7=&p
wd7=&pri7=&user8=&pwd8=&pri8=[&user=&pwd=&next_url=]

Parameter:

user1	User 1 name，length <= 12
pwd1	User 1 name，length <= 12
pri1	User 1 permission，0：visitor；1：operator；2：manager
...	
user8	User 8 name
pwd8	User 8 password
pri8	User 8 permission

set_devices.cgi

Description:set the parameters of multiple devices
Permissions:manager

Grammer:

/set_devices.cgi?dev2_alias=&dev2_host=&dev2_port=&dev2_user=&dev2_pwd=&
dev3_alias=&dev3_host=&dev3_port=&dev3_user=&dev3_pwd=&dev4_alias=&dev4_host
=&dev4_port=&dev4_user=&dev4_pwd=[&user=&pwd=&next_url=]

Parameter:

dev2_alias	Device 2 alias, length <= 20
dev2_host	Device 2\ address，length <= 64
dev2_port	Device 2 port
dev2_user	Device 2 visit user，length <= 12
dev2_pwd	Device 2 visit password，length <= 12
...	
dev4_alias	Device 4 alias
dev4_host	Device 4\ address
dev4_port	Device 4 port
dev4_user	Device 4 visit user
dev4_pwd	Device 4 visit password

set_network.cgi

Description: Establishes equipment basic network parameter

Permission: manager

Grammar:/set_network.cgi?ip=&mask=&gateway=&dns=&port=[&user=&pwd=&next_url=]

Parameter:

ip	ip address,if ip is set to null,the dynamic ip and neglected to obtain the following mask,gateway,dns parameter
mask	Subnet mask
gateway	gateway
dns	dns server
port	port

set_wifi.cgi

Description: set the wifi device parameters

Permissions:manager

Grammer:

/set_wifi.cgi?enable=&ssid=&encrypt=&defkey=&key1=&key2=&key3=&key4=

&authtype=&keyformat=&key1_bits=&key2_bits=&key3_bits=&key4_bits=&channel=&mode=&wpa_psk=[&user=&pwd=&next_url=]

Parameter:

enable	0:forbids wifi function；1：permission
ssid	To join the wifi network ssid，length <= 40
channel	retain =5
mode	retain =0
encrypt	0：encryption prohibition；1：wep encrypt；2：wpa tkip；3：wpa aes；4：wpa2 aes；5：wpa2 tkip+aes
authtype	wep Verification way ，0：open；1：share
keyformat	wep key format，0：16 hexadecima; number；1：ascii character
defkey	Wep key choice in：0-3
key1	Wep key 1，length <= 30
key2	wep key 2
key3	wep key 3
key4	wep key 4
key1_bits	wep key 1 length，0：64 bits；1：128 bits
key2_bits	wep key 2 length，0：64 bits；1：128 bits
key3_bits	wep key 3 length，0：64 bits；1：128 bits
key4_bits	wep key length，0：64 bits；1：128 bits
wpa_psk	wpa psk key，length <= 64

set_pppoe.cgi

Description:set the device pppoe options
Permissions:manager
Grammer:/set_pppoe.cgi?enable=&user=&pwd=&mail_ip=[&cam_user=&cam_pwd=&next_url=
Parameter:

enable	0：prohibition pppoe；1：permission
user	pppoe digit dialing user，length <= 64
pwd	pppoe digit dialing password，length <= 64

set_upnp.cgi

Description: set the device upnp options
Permissions: manager

Grammer: /set_upnp.cgi?enable=[&user=&pwd=&next_url=]
Parameter:

enable	0：disable upnp mapping function；1：permission

set_ddns.cgi

Description: set the device ddns options
Permissions: manager
Grammer:

/set_ddns.cgi?service=&user=&pwd=&host=&proxy_svr=&proxy_port=[&restart_dyndns=&cam_user=&cam_pwd=&next_url=]

Parameter:

service	0：prohibition ddns service
	1：oray
	2：DynDns.org(dyndns)
	3：DynDns.org(statdns)
	4：DynDns.org(custom)
	5：retain
	6：retain
	7：retain
	8：3322(dyndns)
	9：3322(statdns)
	10：retain
	11：retain
	12：retain
user	ddns user，length <= 64
pwd	ddns password，length <= 64
host	ddns domain name，length <= 64
proxy_svr	proxy server address (only used dyndns service in mainland China),length <=64
proxy_port	Proxy server port
restart_dyndns	1：restart dyndns；0：no

set_ftp.cgi

Description: set the device ftp options
Permissions: manager
Grammer:

set_ftp.cgi?svr=&port=&user=&pwd=&mode=&dir=&upload_interval=[&
filename=&numberoffiles=&cam_user=&cam_pwd=&next_url=]

Parameter:

svr	ftp server address, length <= 64
port	ftp server port
user	ftp server login user, length <= 64
pwd	ftp server login password, length <= 64
dir	ftp server storage directory, length <= 64
mode	0：port mode；1：pasv mode
upload_interval	instantly upload pictures of the interval (in seconds),0：prohibition，0-65535
filename	upload the saved file name
numberoffiles	upload the saved file number

set_mail.cgi

Description: set the device mail options
Permissions: manager
Grammer:

/set_mail.cgi?svr=&user=&pwd=&sender=&receiver1=&receiver2=&receiver3
=&receiver4=[&cam_user=&cam_pwd=&next_url=]

Parameter:

svr	Mail server address ，length <= 64
port	Mail service port
user	Mail server user login, length <= 64
pwd	mail server password, length <= 64
sender	mail sender, length <= 64
receiver1	mail recipient 1, length <= 64
receiver2	mail recipient 2, length <= 64
receiver3	mail recipient 3, length <= 64
receiver4	mail recipient 4, length <= 64

set_alarm.cgi

Description: set the device alarm options
Permissions: manager
Grammer:

/set_alarm.cgi?motion_armed=&motion_sensitivity=&input_armed=&iolinkage
=&mail=&upload_interval=&schedule_enable=&schedule_sun_0=&schedule_s

un_1=&schedule_sun_2=&schedule_mon_0=&schedule_mon_1=&schedule_mon_2=&schedule_tue_0=&schedule_tue_1=&schedule_tue_2=&schedule_wed_0=&schedule_wed_1=&schedule_wed_2=&schedule_thu_0=&schedule_thu_1=&schedule_thu_2=&schedule_fri_0=&schedule_fri_1=&schedule_fri_2=&schedule_sat_0=&schedule_sat_1=&schedule_sat_2=[&ioin_level=&ioout_level=&http=&http_url=&user=&pwd=&next_url=]

Parameter:

motion_armed	0: Mobile detection disarm; 1: deployment
motion_sensitivity	0-9：high-low
input_armed	0：input test disarm；1：deployment
ioin_level	io enter the alarm trigger level, 0: low, 1: High
iolinkage	0: alarm linkage against io; 1: permission
ioout_level	io linkage output level, 0: low, 1: High
mail	0: Alarm mail notification when the ban; 1: permission
upload_interval	Upload alarm interval (in seconds), 0: 0-65535 against
http	0: alarm ban the use of http access to notice; 1: permission
http_url	Alarm visit　http url
schedule_enable	Whether to adopt the deployment plan
schedule_sun_0	Sunday deployment plan by 24 hours a day, hour by 15 minutes divided into 96 deployment periods.
schedule_sun_1	
schedule_sun_2	bit0-95: 0: The time is not deployed; 1: The deployment time
schedule_mon_0	
schedule_mon_1	
schedule_mon_2	
schedule_tue_0	
schedule_tue_1	
schedule_tue_2	
schedule_wed_0	
schedule_wed_1	
schedule_wed_2	
schedule_thu_0	
schedule_thu_1	
schedule_thu_2	
schedule_fri_0	
schedule_fri_1	
schedule_fri_2	
schedule_sat_0	
schedule_sat_1	
schedule_sat_2	

comm_write.cgi

Description: The camera's serial port to send data, only for certain models of effective
Permissions: operator
Grammer: / comm_write.cgi? Port = & baud = & bytes = & data = [& user = & pwd = & next_url =]
Parameters:

        port: serial port ,0-3

        baud: baud rate serial port

            9: B1200

            11: B2400

            12: B4800

            13: B9600

            14: B19200

            15: B38400;

            4097: B57600

               4098: B115200

      bytes: number of bytes of data sent <256

      data: data to be sent, application url encoding

set_forbidden.cgi

Description: Set the camera to prohibit view audio and video information
Permissions: manager
Grammar :

      /set_forbidden.cgi?schedule_enable=&schedule_sun_0=&schedule_sun_1=&schedule_sun_2=&schedule_mon_0=&schedule_mon_1=&schedule_mon_2=&schedule_tue_0=&schedule_tue_1=&schedule_tue_2=&schedule_wed_0=&schedule_wed_1=&schedule_wed_2=&schedule_thu_0=&schedule_thu_1=&schedule_thu_2=&schedule_fri_0=&schedule_fri_1=&schedule_fri_2=&schedule_sat_0=&schedule_sat_1=&schedule_sat_2=[&user=&pwd=&next_url=]

Parameter:

schedule_enable	Whether to adopt plans to ban the view audio and video
schedule_sun_0	Sunday program, by 24 hours a day, 15 minutes per hour divided
schedule_sun_1	by 96 hours.
schedule_sun_2	bit0-95: 0: The time is not prohibited; 1: the time prohibited
schedule_mon_0	
schedule_mon_1	
schedule_mon_2	
schedule_tue_0	

schedule_tue_1	
schedule_tue_2	
schedule_wed_0	
schedule_wed_1	
schedule_wed_2	
schedule_thu_0	
schedule_thu_1	
schedule_thu_2	
schedule_fri_0	
schedule_fri_1	
schedule_fri_2	
schedule_sat_0	
schedule_sat_1	
schedule_sat_2	

get_forbidden.cgi

Description: Get the camera view audio and video information is prohibited
Permissions: manager
Grammer: / get_forbidden.cgi [? User = & pwd =]
Return: see set_forbidden.cgi

set_misc.cgi

Description: Set the parameters of the camera Miscellaneous
Permissions:manager
Grammer:

/set_misc.cgi?[led_mode=&ptz_center_onstart=&ptz_auto_patrol_interval=&ptz_auto_patrol_type=&ptz_patrol_h_rounds=&ptz_patrol_v_rounds=&user=&pwd=&next_url=]

Parameter:

led_mode: 0: Mode 1; 1: Mode 2; 2: Turn off lights
ptz_center_onstart: = 1, start the center after
ptz_auto_patrol_interval: automatic inspection interval, = 0: No automatic inspection
ptz_auto_patrol_type: 0: None; 1: horizontal; 2: Vertical; 3: Horizontal + Vertical
ptz_patrol_h_rounds: levels inspection laps, 0: infinity
ptz_patrol_v_rounds: vertical patrol laps, 0: infinity
ptz_patrol_rate: PTZ speed manual ,0-100, 0: the fastest
ptz_patrol_up_rate: up automatic cruising speed :0-100, 0: the slowest

ptz_patrol_down_rate: down automatic cruising speed :0-100, 0: the slowest

ptz_patrol_left_rate: left automatic cruising speed :0-100, 0: the slowest

ptz_patrol_right_rate: right automatic cruising speed :0-100, 0: the slowest

get_misc.cgi

Description: gain miscellaneous parameters for the camera

Permissions: manager

Grammer: / get_misc.cgi [? User = & pwd =]

Return: see get_misc.cgi

set_decoder.cgi

Description: Set the camera parameters of the decoder

Permissions: manager

Grammer: / set_decoder.cgi? Baud = [& user = & pwd = & next_url =]

Parameter:

baud：

9：B1200

11：B2400

12：B4800

13：B9600

14：B19200

15：B38400;

4097：B57600

4098：B115200

wifi_scan.cgi

Description: Search wireless network camera command

Permissions: manager

Grammer: / wifi_scan.cgi [? User = & pwd = & next_url =]

Parameters: None

get_wifi_scan_result.cgi

Description: Get wireless network camera search results
Permissions: manager
Grammer: / get_wifi_scan_result.cgi [? User = & pwd =]
Return:

```
var ap_bssid=new Array();
var ap_ssid=new Array();
var ap_mode=new Array();
var ap_security=new Array();
ap_bssid[0]='0015ebbe2153';
ap_ssid[0]='ZXDSL531BII-BE2153';
ap_mode[0]=0;
ap_security[0]=0;
ap_bssid[1]='00223f176d70';
ap_ssid[1]='nony';
ap_mode[1]=0;
ap_security[1]=2;
ap_bssid[2]='001d0f3fef40';
ap_ssid[2]='Calvin&Cici';
ap_mode[2]=0;
ap_security[2]=1;
ap_bssid[3]='0022b0f5ce72';
ap_ssid[3]='CX';
ap_mode[3]=0;
ap_security[3]=1;
ap_bssid[4]='001c1042b6b7';
ap_ssid[4]='ipcamera';
ap_mode[4]=0;
ap_security[4]=2;
var ap_number=5;
```

among

ap_number: the number of search to the ap
ap_bssid: Search to the ap bssid
ap_ssid: Search to the ap ssid
ap_mode: Search to the ap mode, 0: infra; 1: adhoc (not supported)
ap_security: Search to the ap safe mode

0：NONE；

1：WEP；

2：WPAPSK(TKIP)；

3：WPAPSK(AES)；

4：WPA2PSK(AES)；

5：WPA2PSK(TKIP)；

6：SAFE MODE IS NOT SUPPORTED

get_log.cgi

Description: Get the camera logs

Permissions: manager

Grammer: / get_log.cgi [? User = & pwd =]

Return: log information, such as:

```
var log_text='Mon, 2009-08-03 19:53:04   ipcamera
   192.168.0.16      access\nMon, 2009-08-03 20:13:03
   admin         192.168.0.16      access\n';
One log_text variable store log information between each log
   message with '\ n' separated
```

test_mail.cgi

Description: Mail Function Test
Permissions: manager
Grammer: / test_mail.cgi [? User = & pwd =]
Return:
result: Test Results
   0: Success
  -1: Unable to connect to the server
  -2: Network error
  -3: Server Error
  -4: Wrong users
  -5: Incorrect password
  -6: Sender rejected
  -7: Recipient rejected
  -8: The body is denied
  -9: Authentication not accepted

test_ftp.cgi

Description: ftp function test

Permissions: manager

Grammer: / test_ftp.cgi [? User = & pwd =]

Return:

result: Test Results

    0: Success

  -1: Unable to connect to the server

  -2: Network error

  -3: Server Error

  -4: Wrong users

  -5: Incorrect password

  -6: Wrong directory

  -7: Pasv mode error

  -8: Port mode error

  -9: Stor command error

backup_params.cgi

Description: Backup the current parameter settings

Permissions: manager

Grammer: / backup_params.cgi [? User = & pwd =]

Return: params.bin file

restore_params.cgi

Description: The parameter is set to restore previous backup

Permissions: manager

Grammer: / restore_params.cgi [? User = & pwd = & next_url =]

Note: The cgi must use post method, the parameters of the previous backup set file
package sent to the ip camera.

set_mac.cgi

Description: Sets the camera's mac address

Permissions: manager

Grammer: / set_mac.cgi? Mac = [& user = & pwd = & next_url =]

Parameters:

mac: mac address: for example mac = 0012a0746f01

set_factory_ddns.cgi

Description: Set the device ddns option, while the set to factory default values

Permissions: manager

Grammer:

/set_ddns.cgi?[service=&user=&pwd=&host=&proxy_svr=&proxy_port=&cam_user=&cam_pwd=&next_url=]

Parameter:

service	0：Prohibition ddns service
	1：oray
	2：DynDns.org(dyndns)
	3：DynDns.org(statdns)
	4：DynDns.org(custom)
	5：retain
	6：retain
	7：retain
	8：3322(dyndns)
	9：3322(statdns)
	10：retain
	11：retain
	12：retain
user	ddns user，length <= 64
pwd	ddns password，length <= 64
host	ddns domain name，length <= 64
proxy_svr	Proxy server address (only used dyndns service in mainland China),length <=64
proxy_port	Proxy server port