# 1.Preview URL

## Rtmp (Only supports h264 encoding format stream)

**Main stream:**

rtmp://(ip address)/bcs/channel(channel id)\_main.bcs?channel=(channel id)&stream=0&user=(user name)&password=(user password)

**Ext stream:**

rtmp://(ip address)/bcs/channel(channel id)\_ext.bcs?channel=(channel id)&stream=0&user=(user name)&password=(user password)

**Sub stream:**

rtmp://(ip address) /bcs/channel(channel id)\_sub.bcs?channel=(channel id)&stream=1&user=(user name) &password=(user password)

***Note: The “channel id” starts from 0***

***example:***

*1.Preview ipc device video*

*rtmp://192.168.123.145/bcs/channel0\_main.bcs?channel=0&stream=0&user=admin&password=xxxx*

*2.Preview the video of the third channel of nvr*

*rtmp://192.168.0.206/bcs/channel2\_main.bcs?channel=2&stream=0&user=admin&password=000000*

## flv (Only supports h264 encoding format stream)

**Main stream:**

http://(ip address)/flv?port=1935&app=bcs&stream=channel(channel id)\_main.bcs&user=(user name)&password=(user password)

**Ext stream:**

http://(ip address)/flv?port=1935&app=bcs&stream=channel(channel id)\_ext.bcs&user=(user name)&password=(user password)

**Sub stream:**

http://(ip address)/flv?port=1935&app=bcs&stream=channel(channel id)\_sub.bcs&user=(user name)&password=(user password)

***Note: The “channel id” starts from 0***

*example:*

*1.Preview ipc device video*

*http://192.168.123.145/flv?port=1935&app=bcs&stream=channel0\_main.bcs&user=admin&password=xxxx*

*2.Preview the video of the third channel of nvr*

*http://192.168.0.206/flv?port=1935&app=bcs&stream=channel2\_main.bcs&user=admin&password=xxxx*

## rtsp

**main stream**(H265 encoding type)**:**

rtsp://(user name):(password)@(ip address):554//h265Preview\_(channel number)\_main

or

rtsp://(user name):(password)@(ip address):554/

**main stream** (H264 encoding type) :

rtsp://(user name):(password)@(ip address):554//h264Preview\_(channel number)\_main

or

rtsp://(user name):(password)@(ip address):554/

**sub stream** (sub stream only support h264) **:**

rtsp:// (user name) : (password) @ (ip address) :554//h264Preview\_(channel number)\_sub

***Note: The “channel number” starts from 01***

***example:***

*1.Preview ipc device video*

*rtsp://admin:xxxx@192.168.123.145:554//h264Preview\_01\_main*

*2.Preview the video of the third channel of nvr*

*rtsp://admin:xxxx@192.168.0.206:554//h264Preview\_03\_main*

# 3.Playback URL

## Ipc playback url:

rtmp://(ip address)/vod/(file name)?&channel=0&stream=0&user=(user

name)&password=(user password)

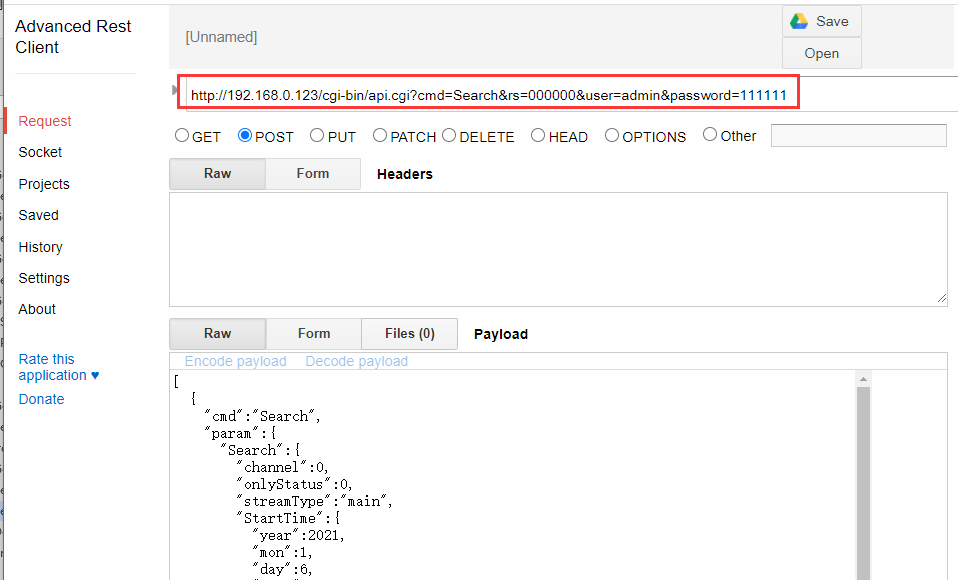
For searching the playback file name:

1. Open the Google Advanced REST client, input

*http:// (ip address) /cgi-bin/api.cgi?cmd=Search&rs= (any combination of*

*numbers and letters) &user= (user name) &password= (user password) in*

Request;



2. Choose Post as method and type the below codes in Raw payload: (Change the

“year”,”mon”,”day” to the date you want.)

[

{

"cmd":"Search",

"param":{

"Search":{

"channel":0,

"onlyStatus":0,

"streamType":"main",

"StartTime":{

"year":2021,

"mon":1,

"day":6,

"hour":1,

"min":1,

"sec":1

},

"EndTime":{

"year":2021,

"mon":1,

"day":6,

"hour":23,

"min":59,

"sec":59

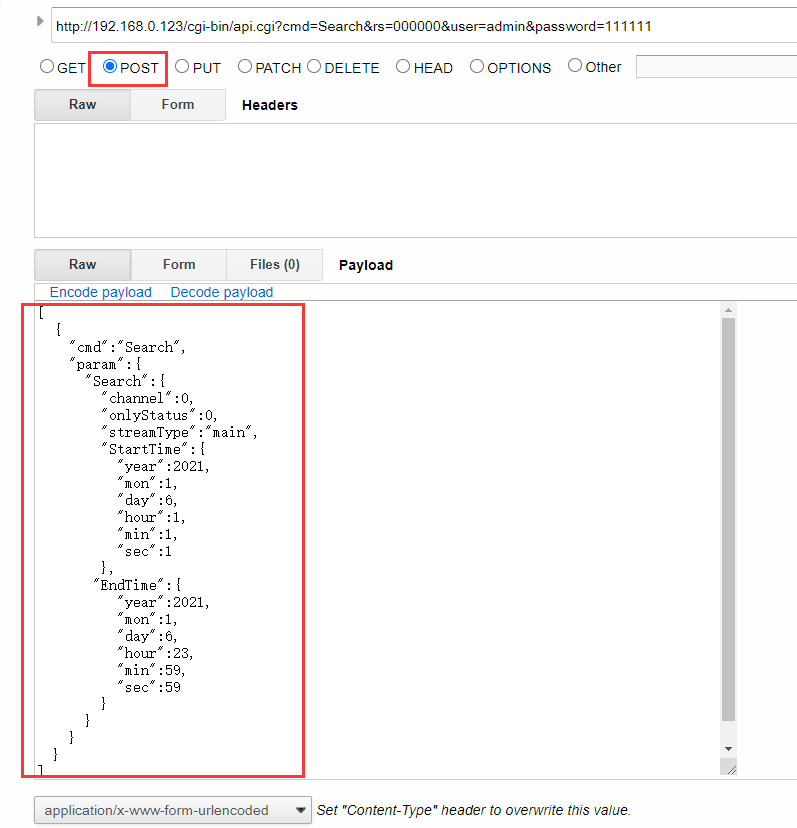
}

}

}

}

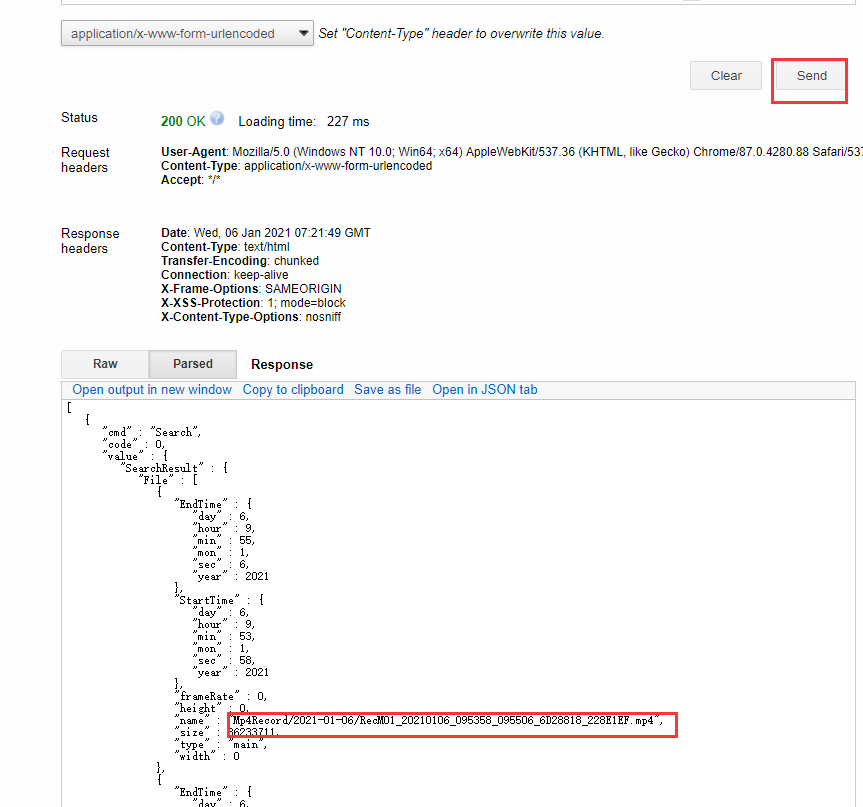
]



3. Click SEND and the name of the playback files will show in below. Copy and Paste the

file name in **"rtmp:// (ip address) /vod/ (file name) ?&channel=0&stream=0&user= (user**

**name) &password= (user password)** " and play the recordings in JWplayer.



**Note: If there is a "/" character in the returned name, it needs to be converted to "%20" and then filled in the playback url.**

Example:

*rtmp://192.168.0.123/vod/****Mp4Record%202021-01-06%20RecM01\_20210106\_095358\_095506\_6D28818\_228E1EF.mp4****?&channel=0&stream=0&user=admin&password=111111*

## nvr playback url:

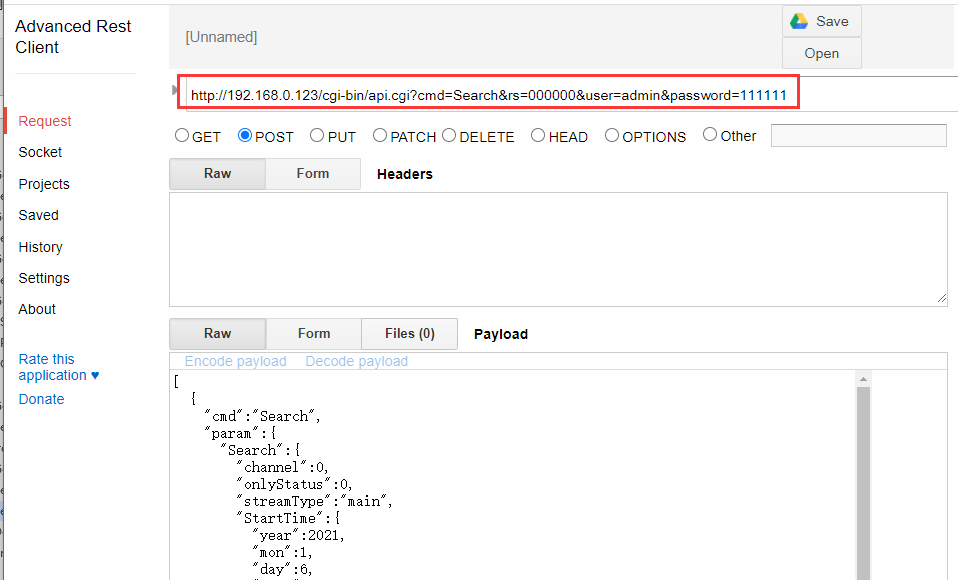
http:// *(ip address)*/flv?port=1935&app=bcs&stream=playback.bcs&channel=0&type=0&start=(PlaybackTime)&seek=0&user=*(user name)*&password=*(user password)*

1. Open the Google Advanced REST client, input

*http:// (ip address) /cgi-bin/api.cgi?cmd=Search&rs= (any combination of*

*numbers and letters) &user= (user name) &password= (user password) in*

Request;



2. Choose Post as method and type the below codes in Raw payload: (Change the

“year”,”mon”,”day” to the date you want.)

[

{

"cmd":"Search",

"param":{

"Search":{

"channel":0,

"onlyStatus":0,

"streamType":"main",

"StartTime":{

"year":2021,

"mon":1,

"day":6,

"hour":1,

"min":1,

"sec":1

},

"EndTime":{

"year":2021,

"mon":1,

"day":6,

"hour":23,

"min":59,

"sec":59

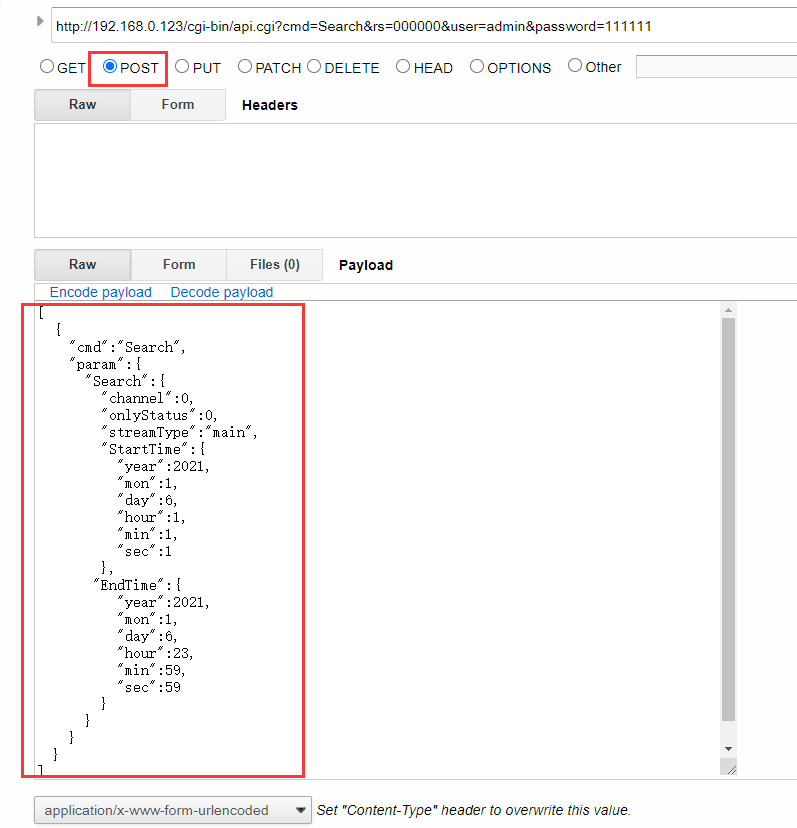
}

}

}

}

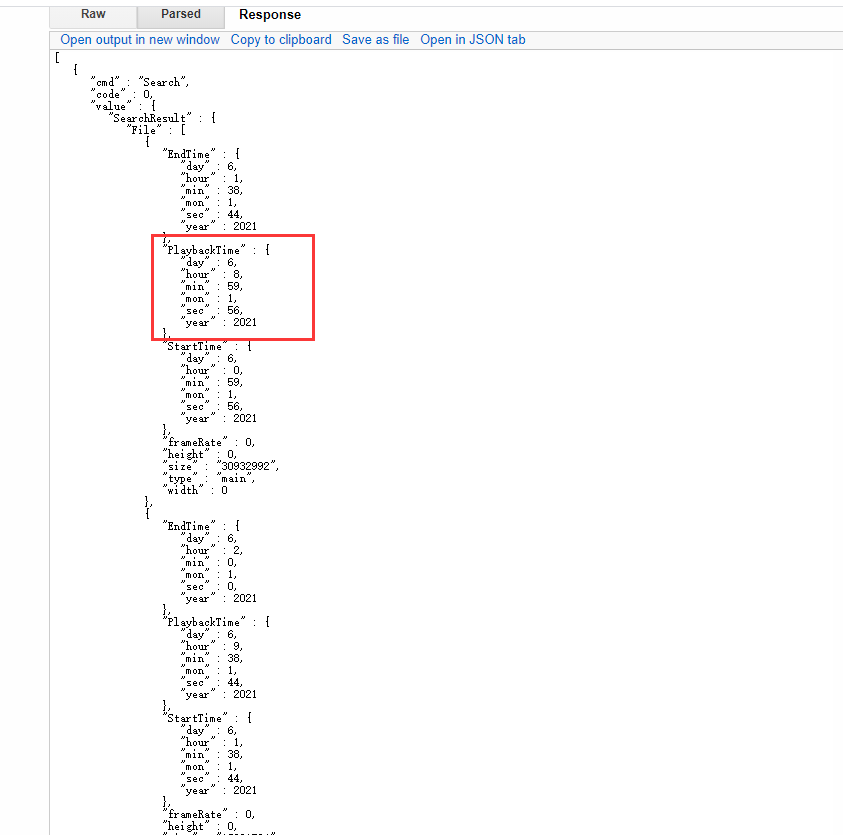
]



3. Click SEND and the name of the playback time will show in below. Copy and Paste the

Playback time in **"** http:// *(ip address)*/flv?port=1935&app=bcs&stream=playback.bcs&channel=0&type=0&start=(PlaybackTime)&seek=0&user=*(user name)*&password=*(user password)*

" and play the recordings in JWplayer.



Example:

http://192.168.0.206/flv?port=1935&app=bcs&stream=playback.bcs&channel=0&type=1&start=20210106085956&seek=827&user=*admin*&password=xxxx

# 2.Snap URL

http://(ip address)/cgi-bin/api.cgi?cmd=Snap&channel=(channel id)&rs=(any combination of numbers and letters)&user=(user name)&password=(user password)

If you need to specify the width and height of the snapshot, please include the width and height parameters in the url (cannot be greater than the width and height of the main stream)

http://(ip address)/cgi-bin/api.cgi?cmd=Snap&channel=(channel id)&width=(Picture width)&height=(Picture height)&rs=(any combination of

numbers and letters)&user=(user name)&password=(user password)

***Note: The “channel id” starts from 0***

***example:***

*1.* *Snap a picture of the ipc device*

[*http://192.168.123.145/cgi-bin/api.cgi?cmd=Snap&channel=0&width=640&height=360&rs=000000&user=admin&password=xxxx*](http://192.168.123.145/cgi-bin/api.cgi?cmd=Snap&channel=0&width=640&height=360&rs=000000&user=admin&password=xxxx)

*2.* *Snap a picture of the third channel of the nvr device*

*http://192.168.0.206/cgi-bin/api.cgi?cmd=Snap&channel=2&width=640&height=360&rs=0000010&user=admin&password=xxxx*

# 4. Get motion detection state URL

http://(ip adder)/api.cgi?cmd=GetMdState&channel=(channel id)&user=(user name)&password=(user pwd)

***Note: The “channel id” starts from 0***

**example**

http://192.168.0.206/api.cgi?cmd=GetMdState&channel=0&user=admin&password=xxxx