

# VPort D351 CGI Commands User's Manual

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[www.moxa.com/product](http://www.moxa.com/product)



Moxa Inc.

Tel: +886-2-8919-1711

Fax: +886-2-8919-1722

Web: [www.moxa.com](http://www.moxa.com)

**Moxa Technical Support**

Worldwide: [support@moxa.com](mailto:support@moxa.com)

The Americas [support@usa.moxa.com](mailto:support@usa.moxa.com)

# VPort D351 CGI Commands User's Manual

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## Overview

This document describes the CGI commands that are used for the Moxa VPort D351 video decoder. Commands are included for set/get configuration parameters and decode video source operation.

## General CGI URL Syntax and Parameters

The CGIs are organized in function-related directories under the `moxa-cgi` directory, and are followed by one of two actions: *serParam.cgi* or *getParam.cgi*. The file extension of the CGI is required. Parameters are written in lower-case and composed by section and item parts. When the CGI request includes parameters, the parameters must be written exactly as shown in this document.

### Syntax:

```
http://<server>/moxa-cgi/<action>.cgi? [<section>_<item>=<value> [&<section>_<item>=<value>...]]
```

### Example:

```
http://videoserver.moxanet.net/moxa-cgi/setParam.cgi?source01_address=192.168.127.111&source01_cameraidx=1
```

### Method:

GET/POST

### Response:

HTTP/1.0 200 OK\r\n

Server: <server name>\r\n

Pragma: no-cache\r\n

Cache-control: no-cache\r\n

Content-Type: text/plain\r\n

\r\n

<parameter pair>

1. <server name> is system\_hostname value.

[ <server name> ]

The default is VPort D351 Video Decoder.

2. <parameter pair> is

<section>\_<item>=<value>\n

[ <parameter pair> ]

When the action of the CGI command is `setParam`, <parameter pair> will not be returned. If the CGI command of `getParam` includes an invalid parameter name, the server will not return the value of the invalid parameter. When the CGI command of `setParam` includes an invalid parameter name, the server will not return the value of the invalid parameter.

**Example:**

```
HTTP/1.0 200 OK\r\n
Server: VPort D351 Video Decoder\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
source01_address =192.168.127.111\r\n
source01_cameraidx =1\r\n
```

**Set/Get Configuration Parameter**

These parameters are used for different VPort D351 function sections. The parameters include system information, security, network, video, audio, and alarm. Every section has one or many items. The detailed information about sections and items are shown in the following table.

- Section names are typed in bold-face at the top of each table (e.g., system).
- Parameters are case-sensitive. For example:
  - G: getParam available
  - S: setParam available
- Character set

<b>Character Set Name</b>	<b>Available Character</b>
BasicString	abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789
ExtensiveString	BasicString!^*()_{ }[]:./?-
UsernameString	BasicString_.
MailAddressString	BasicString@.-_
HostAddressString	BasicString_.-
FolderString	BasicString:\_-
URLString	BasicString_./:
CGIString	BasicString_-%+&=
CustCamString	abcdefABCDEF0123456789,

**system**

<b>Item</b>	<b>Action</b>	<b>Value</b>	<b>Description</b>
hostname	G/S	Max 40 char (ExtensiveString)	Server name
timezone	G/S	-12 to 12	Time zone setting, for NTP usage
date	G/S	yyyy/mm/dd	date in server
time	G/S	hh:mm:ss	time in server
timemethod	G/S	1: Keep current date and time 2: Sync with computer time 3: Manual 4: Automatic (NTP)	Server time adjustment method

ntpserver	G/S	Char or IP, max length 40 (HostAddressString)	NTP server IP or URL
updateinterval	G/S	3600: One hour 86400: One day 604800: One week 259200: One month	Sync interval with NTP Server
firmwareversion	G	xx.yy.zz	Firmware version
firmwarebuildtime	G	yymmddhh	Firmware build time
serialnumber	G	xxxxx	Product serial number
macaddress	G	aa:bb:cc:dd:ee:ff	Mac address
modelName	G	VPort D351	Model name

**Example:**

**Change Server Time:**

[http://videosever.moxanet.net/moxa-cgi/setParam.cgi?system\\_timemethod=3&date=yyyy/mm/dd&time=hh:mm:ss](http://videosever.moxanet.net/moxa-cgi/setParam.cgi?system_timemethod=3&date=yyyy/mm/dd&time=hh:mm:ss)

**Set NTP**

[http://videosever.moxanet.net/moxa-cgi/setParam.cgi?system\\_timemethod=4&ntpserver=bitsy.mit.edu&timezone=8&updateinterval=3600](http://videosever.moxanet.net/moxa-cgi/setParam.cgi?system_timemethod=4&ntpserver=bitsy.mit.edu&timezone=8&updateinterval=3600)

**systemio**

Item	Action	Value	Description
do01	G/S	0: Close 1: Open	DO1 Status
do02	G/S	0: Close 1: Open	DO2 Status

**security**

Item	Action	Value	Description
username01	G	admin	Administrator account
userpass01	G/S	Max 14 char (BasicString)	Administrator password

**network**

Item	Action	Value	Description
networktype	G/S	1: Get IP address automatically 2: Use fixed IP address	Method used to get the IP address
ipaddress	G/S	xxx.yyy.zzz.www	IP address
subnet	G/S	xxx.yyy.zzz.www	Subnet mask
router	G/S	xxx.yyy.zzz.www	Router IP address
dns01	G/S	xxx.yyy.zzz.www	First DNS IP address

dns02	G/S	xxx.yyy.zzz.www	Second DNS IP address
-------	-----	-----------------	-----------------------

### smtp

Item	Action	Value	Description
serverip01, serverip02	G/S	Max 40 char (HostAddressString)	First and second SMTP IP or URL
username01, username02	G/S	Max 16 char (UsernameString)	Username of first and second SMTP server
password01, password02	G/S	Max 16 char (BasicString)	Password of first and second SMTP server
returnemail01, returnemail02	G/S	Max 80 char (MailAddressString)	Sender's email address of first and second SMTP server
mailto01, mailto02	G/S	Max 80 char (MailAddressString)	First and second recipient's email address

### upnp

Item	Action	Value	Description
enable	G/S	0: disable UPnP 1: enable UPnP	Enable/disable UPnP function

### ipfilter

Item	Action	Value	Description
allowip01 to allowip10	G/S	xxx.yyy.zzz.www	IP address of Accessible IP List 01 to 10
allowmask01 to allowmask10	G/S	xxx.yyy.zzz.www	Subnet mask of Accessible IP List 01 to 10
enable	G/S	1: enable "Accessible IP list" function 0: disable "Accessible IP list" function	Enable or disable "Accessible IP list" function

### snmp

Item	Action	Value	Description
versions	G/S	1: V1, V2c, V3 2: V1, V2c 3: V3 only	SNMP version
rocomm	G/S	Max 40 char (ExtensiveString)	V1,V2c Read Community
rwcomm	G/S	Max 40 char (ExtensiveString)	V1,V2c Write/Read Community
adminauthtype	G/S	1: No-Auth 2: MD5	Administator authentication type



		3: SHA	
adminpvcy	G/S	Max 40 char (ExtensiveString)	Administator Data Encryption Key
enableadvpy	G/S	1: enable administrator encryption key 0: disable administrator encryption key	Enable/Disable administrator encryption key
trapserver01, trapserver02	G/S	Max 40 char (HostAddressString)	First and second TRAP server IP or URL
trapcomm01, trapcomm02	G/S	Max 40 char (ExtensiveString)	First and second TRAP community

### decode

Item	Action	Value	Description
autoscan	G/S	0: disable auto scan video source 1: enable auto scan video source	Enable/disable auto scan video source function
diswitch	G/S	0: disable di switch video source 1: enable di switch video source	Enable/disable di switch video source function
scaninterval	G/S	10 to 999	Decode each video source during scan interval time in auto scan mode
alarmtriggerinterval	G/S	3 to 999	Decode alarm trigger video source at least during alarm trigger interval

### source01~source64

Item	Action	Value	Description
description	G/S	Max 40 char (BasicString)	Description of the video source
address	G/S	Max 60 char (HostAddressString)	Address of the video encoder
cameraidx	G/S	10 to 99	Camera idx of the video source in a video encoder
httpport	G/S	0 to 65535	Http port of the video source
password	G/S	Max 14 char (BasicString)	Password of the video source
codectype	G/S	0: Auto detect 1: MPEG4 2: MJPEG	Decode video codec type for the video source
protocol	G/S	0: Multicast 1: UDP 2: TCP	Protocol of the video source stream

		3:HTTP	
media	G/S	0: Video & Audio 1: Video Only 2: Audio Only	Decode video/audio for the video source
osd	G/S	0: Disable 1: Enable	Show osd about the video source on screen or not
alarmtrigger	G/S	0: Disable 1: Enable	Change to the video source which send alarm or not
transparentcom	G/S	0: Disable 1: Enable	Enable/disable the transparent com to the video source
audiopost	G/S	0: Disable 1: Enable	Enable/disable the audio post to the video source

### osd

Item	Action	Value	Description
showvideoblock	G/S	0: no video loss block on screen 1: video loss block on screen	Show video loss block on screen or not
showalarmblock	G/S	0: no alarm trigger block on screen 1: alarm trigger block on screen	Show alarm trigger block on screen or not
showdescription	G/S	0: no source description on screen 1: source description on screen	Show source description on screen or not
showaddress	G/S	0: no source address on screen 1: source address on screen	Show source address on screen or not
xposition	G/S	1 to 45	X position of source address/description on the screen
yposition	G/S	4 to 30	Y position of source address/description on the screen

### video

Item	Action	Value	Description
modulation	G/S	1: NTSC 2: PAL	Video output modulation format

### audio

Item	Action	Value	Description
input	G/S	0: disable input audio 1: enable input audio	Enable/disable audio input function

output	G/S	0: disable output audio 1: enable output audio	Enable/disable audio output function
--------	-----	---	--------------------------------------

### realcom

Item	Action	Value	Description
uartmode	G/S	0: RS232 1: RS485/RS422	Uart mode
baudrate	G/S	110, 300, 600, 1200, 2400, 3600, 4800, 7200, 9600, 19200, 38400, 57600	Baud rate (bps)
databit	G/S	5 to 8	Data bit
stopbit	G/S	1, 1.5, 2	Stop bit
paritybit	G/S	0: None 1: Odd 2: Even	Parity bit

### alarmbasic

Item	Action	Value	Description
delaysec	G/S	10 to 999	Alarm tine interval
overridelay01, overridelay02	G/S	0: disable override Relay1 or Relay2 warning setting 1: enable override Relay1 or Relay2 warning setting	Enable/disable override Relay1 or Relay2 warning setting

### alarm

Item	Action	Value	Description
enablepowerfail	G/S	0: disable power fail alarm 1: enable power fail alarm	Enable/disable power failure alarm
triggerpower01, triggerpower02	G/S	0: disable power failure trigger relay alarm 1: enable power failure trigger relay alarm	Enable/Disable power (01, 02) failure to trigger relay alarm
poweraction01, poweraction02	G/S	1: Relay1 2: Relay2	power (01, 02) failure triggers relay1 or relay2 alarm
powerfailsendemail0 1, powerfailsendemail0 2	G/S	0: disable power failure from triggering alarm by sending mail 1: enable power failure to trigger alarm by sending mail	Enable/Disable power (01, 02) failure to trigger sending warning mail
enablenetworkfail	G/S	0: disable network from disconnecting alarm 1: enable network to disconnect alarm	Enable/disable network to disconnect alarm
triggernetworkfail01	G/S	0: disable network disconnect from	Enable/Disable network

		triggering relay alarm 1: enable network disconnect to trigger relay alarm	disconnect to trigger relay alarm
networkfailaction01	G/S	1: Relay1 2: Relay2	Network disconnect triggers relay1 or relay2 alarm

### disch

Item	Action	Value	Description
all	G/S	1: Event Alarms are active all the time 0: Event Alarms are active based on weekly schedule	Time period of sequential snapshot action
sunenable, monenable, tueenable, wenenable, thuenable, frienable, satenable	G/S	0: disable 1: enable	Enable/Disable sequential snapshot action from Sunday to Saturday
sunbegin, monbegin, tuebegin, wenbegin, thubegin, fribegin, satbegin,	G/S	hh:mm	Begin time of sequential snapshot action from Sunday to Saturday
sunend, monend, tueend, wenend, thuend, friend, satend,	G/S	hh:mm	Time duration of sequential snapshot action from Sunday to Saturday

### dialarm

Item	Action	Value	Description
enable	G/S	0: disable DI alarm 1: enable DI alarm	Enable/disable DI alarm
triggercond01, triggercond02	G/S	0: High 1: Low 2: Rising 3: Falling	DI (01, 02) trigger condition
triggerdo1_01, triggerdo1_02	G/S	0: disable DO1 alarm 1: enable DO1 alarm	Enable/disable DI (01, 02) trigger DO1 alarm
triggerdo2_01, triggerdo2_02	G/S	0: disable DO2 alarm 1: enable DO2 alarm	Enable/disable DI (01, 02) trigger DO alarm
sendviaemail01, sendviaemail02	G/S	0: disable sending snapshot image by email 1: enable sending snapshot image by email	Enable/disable DI (01, 02) trigger to send snapshot images by email

## Get System Information CGI URL

System information CGI is used to get the system information of VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by "systeminfo.cgi".

### Syntax:

http://<server>/moxa-cgi/systeminfo.cgi

### Example:

http://videoserver.moxanet.net/moxa-cgi/systeminfo.cgi

### Method:

GET/POST

### Response:

```
HTTP/1.0 200 OK\r\n
Server: <server name>\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
<parameter pair>
<parameter pair> is
<item>=<value>\r\n
[ <parameter pair> ]
```

Item	Value	Description
Model	VPort D351	Model name
HostName	Max 40 chars	Server name
Serialnumber	1 to 99999	Serial number
VideoOutputNumber	1	Video output number
UartNumber	1	Uart number
DINumber	2	DI number
DONumber	2	DO number
FirmwareVersion	xx.yy	Firmware version
MagicCode	00008801	Magic code
MACAddress	aa:bb:cc:dd:ee:ff	MAC address

**Example:**

```
HTTP/1.0 200 OK\r\n
Server: VPort D351 Video Decoder\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
Model=VPort D351\r\n
HostName=VPort D351 Video Decoder\r\n
Serialnumber=00001\r\n
VideoOutputNumber=1\r\n
UartNumber=1\r\n
DINumber=2\r\n
DONumber=2\r\n
FirmwareVersion=1.0\r\n
MagicCode=00008801\r\n
MACAddress=00:90:e8:00:00:01\r\n
```

**Get LED Status CGI URL**

This CGI is used to get LED status from VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by “getledstatus.cgi”.

**Syntax:**

```
http://<server>/moxa-cgi/getledstatus.cgi
```

**Example:**

```
http://videodecoder.moxanet.net/moxa-cgi/getledstatus.cgi
```

**Method:**

```
GET/POST
```

**Response:**

```
HTTP/1.1 200 OK\r\n
Server: <server name>\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
```

```

\r\n
<parameter pair>
<parameter pair> is
<item>=<value>\r\n
[ <parameter pair> ]

```

Item	Value	Description
Power1	3:light;power 1 connect 0:dark;power 1 disconnect	Power 1 connect status
Power2	3:light;power 1 connect 0:dark;power 1 disconnect	Power 2 connect status
Fault	2:light;Fault happen 0:dark;No fault happen	Fault status
System	1:light;System is working	System status

### Example:

```

HTTP/1.0 200 OK\r\n
Server: VPort D351 Video Decoder\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
Power1=3\r\n
Power2=0\r\n
Fault=0\r\n
System=1\r\n

```

## Get Decode Status CGI URL

This CGI is used to get decode status from VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by “getdecodestatus.cgi”.

### Syntax:

```
http://<server>/moxa-cgi/getdecodestatus.cgi
```

### Example:

```
http://videodecoder.moxanet.net/moxa-cgi/getdecodestatus.cgi
```

### Method:

```
GET/POST
```

**Response:**

```

HTTP/1.1 200 OK\r\n
Server: <server name>\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
<parameter pair>
<parameter pair> is
<item>=<value>\r\n
[ <parameter pair> ]

```

Item	Value	Description
Source	01~64	Now decoding video source idx
Videotype	1:MPEG4 2:MJPEG	Now decoding video type
Transparentcom	0:No active 1:Active	Transparent ptz status
Audiopost	0:No active 1:Active	Audio post status
Framerate	0~30	Frames per second

**Example:**

```

HTTP/1.0 200 OK\r\n
Server: VPort D351 Video Decoder\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
Source=01\r\n
Videotype=1\r\n
Transparentcom=1\r\n
Audiopost=1\r\n
Framerate=30\r\n

```



## Reboot CGI URL

This is used to reboot VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by "reboot.cgi".

### Syntax:

http://<server>/moxa-cgi/reboot.cgi

### Example:

http://videosever.moxanet.net/moxa-cgi/reboot.cgi

### Method:

GET/POST

### Response:

```
HTTP/1.0 200 OK\r\n
Server: <server name>\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
<result>
<result> is
<value>\r\n
[ <result> ]
```

Value	Description
System is upgrding firmware. After upgrding firmware, system will reboot.	System is upgrading firmware, and will reboot after upgrading.
System will be restart in minutes	Reboot now.

### Example:

```
HTTP/1.0 200 OK\r\n
Server: VPort D351 Video Decoder\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
System will be restart in minutes\r\n
```

## Add Video Source CGI URL

This is used to add video source to decode by VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by "addsource.cgi".

### Syntax:

http://<server>/moxa-cgi/addsource.cgi?idx=<value>&address=<value>&<item>=<value>..

idx : 1~64

address : video source 's ip or domain name.( 1 ~ 60 chars)

<item>

- If the item didn't given, the default value will be assigned.

Item	Value	Description
description	Max 40 char (BasicString) Default : null	Description of the video source
cameraidx	10 to 99 Default : 1	Camera idx of the video source in a video encoder
httpport	0 to 65535 Default : 80	Http port of the video source
password	Max 14 char (BasicString) Default : null	Password of the video source
codectype	0: Auto detect 1: MPEG4 2: MJPEG Default : 0	Decode video codec type for the video source
protocol	0: Multicast 1: UDP 2: TCP 3:HTTP Default : 1	Protocol of the video source stream
media	0: Video & Audio 1: Video Only 2: Audio Only Deafult : 0	Decode video/audio for the video source
osd	0: Disable 1: Enable Default : 1	Show osd about the video source on screen or not
alarmtrigger	0: Disable 1: Enable Default : 1	Change to the video source which send alarm or not

transparentcom	0: Disable 1: Enable Default : 0	Enable/disable the transparent com to the video source
audiopost	0: Disable 1: Enable Default : 0	Enable/disable the audio post to the video source

**Example:**

http://videoserver.moxanet.net/moxa-cgi/addsource.cgi?idx=1&address=192.168.127.111&description=factoryCamera1.

**Method:**

GET/POST

**Response:**

HTTP/1.0 200 OK\r\n  
 Server: <server name>\r\n  
 Pragma: no-cache\r\n  
 Cache-control: no-cache\r\n  
 Content-Type: text/plain\r\n  
 \r\n  
 <result>  
 <result> is  
 <value>\r\n  
 [ <result> ]

Value	Description
Fail	Add video source fail.
Success	Add video source success.

**Example:**

HTTP/1.0 200 OK\r\n  
 Server: VPort D351 Video Decoder\r\n  
 Pragma: no-cache\r\n  
 Cache-control: no-cache\r\n  
 Content-Type: text/plain\r\n  
 \r\n  
 Success\r\n

## Get Video Source Information CGI URL

This CGI is used to get the settings of the specific video source of VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by "getvideosourceinfo.cgi".

### Syntax:

http://<server>/moxa-cgi/getvideosourceinfo.cgi?idx=<value>

idx: 1~64

### Example:

http://videoserver.moxanet.net/moxa-cgi/getvideosourceinfo.cgi?idx=1

### Method:

GET/POST

### Response:

HTTP/1.0 200 OK\r\n

Server: <server name>\r\n

Pragma: no-cache\r\n

Cache-control: no-cache\r\n

Content-Type: text/plain\r\n

\r\n

<parameter pair>

<parameter pair> is

<item>=<value>\r\n

[ <parameter pair> ]

Item	Value	Description
Address	IP or Domain name	The video source's address
Description	Max 40 chars	The video source's description
Cameraidx	1~99	The video source's cameraidx
Httpport	0~65535	The video source's httpport
Password	Max 14 chars	The video source's password
Codectype	0:Auto 1:MPEG4 2:MJPEG	The video source's video type
Protocol	0:Multicast	The video source play protocol

	1:UDP 2:TCP 3HTTP	
Media	0:Video&Audio 1:Only video 2:Only audio	The video source play mode
Osd	0:Disable 1:Enable	The video source disable/enable osd function
Alarmtrigger	0:Disable 1:Enable	The video source disable/enable alarm trigger function
Audiopost	0:Disable 1:Enable	The video source disable/enable audio post function
Transparentcom	0:Disable 1:Enable	The video source disable/enable transparent ptz function

**Example:**

```

HTTP/1.0 200 OK\r\n
Server: VPort D351 Video Decoder\r\n
Pragma: no-cache\r\n
Cache-control: no-cache\r\n
Content-Type: text/plain\r\n
\r\n
Address=192.168.127.111\r\n
Description=factoryCamera1\r\n
Cameraidx=1\r\n
Httpport=80\r\n
Password=\r\n
Codectype=0\r\n
Protocol=2\r\n
Media=0\r\n
Osd=1\r\n
Alarmtrigger=1\r\n
Audiopost=1\r\n
Transparentcom=1\r\n

```

## Delete Video Source Information CGI URL

This CGI is used to delete the specific video source of VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by "deletesource.cgi".

### Syntax:

http://<server>/moxa-cgi/deletesource.cgi?<idx>&...

<idx> is source01~source64

### Example:

http://videoserver.moxanet.net/moxa-cgi/deletesource.cgi?source01&source03

### Method:

GET/POST

### Response:

HTTP/1.0 200 OK\r\n

Server: <server name>\r\n

Pragma: no-cache\r\n

Cache-control: no-cache\r\n

Content-Type: text/plain\r\n

\r\n

<result>

<result> is

<value>\r\n

[ <result> ]

Value	Description
Fail	Delete video source fail.
Success	Delete video source success.

### Example:

HTTP/1.0 200 OK\r\n

Server: VPort D351 Video Decoder\r\n

Pragma: no-cache\r\n

Cache-control: no-cache\r\n

Content-Type: text/plain\r\n

\r\n

Success\r\n

## Modify Video Source Information CGI URL

This CGI is used to modify the specific video source of VPort D351. This CGI is organized in function-related directories under the moxa-cgi directory and followed by "modifysource.cgi".

### Syntax:

`http://<server>/moxa-cgi/modifysource.cgi? idx=<value>&address=<value>  
&<item>=<value>..`

*idx*: 1~64

*address*: video source 's ip or domain name.( 1~ 60 chars)

*<item>*

Item	Value	Description
description	Max 40 char (BasicString)	Description of the video source
cameraidx	10 to 99	Camera idx of the video source in a video encoder
httpport	0 to 65535	Http port of the video source
password	Max 14 char (BasicString)	Password of the video source
codectype	0: Auto detect 1: MPEG4 2: MJPEG	Decode video codec type for the video source
protocol	0: Multicast 1: UDP 2: TCP 3:HTTP	Protocol of the video source stream
media	0: Video & Audio 1: Video Only 2: Audio Only	Decode video/audio for the video source
osd	0: Disable 1: Enable	Show osd about the video source on screen or not
alarmtrigger	0: Disable 1: Enable	Change to the video source which send alarm or not
transparentcom	0: Disable 1: Enable	Enable/disable the transparent com to the video source
audiopost	0: Disable 1: Enable	Enable/disable the audio post to the video source

**Example:**

http://videosever.moxanet.net/moxa-cgi/modifysource.cgi?idx=1&address=192.168.127.112&description=factoryCamera2

**Method:**

GET/POST

**Response:**

HTTP/1.0 200 OK\r\n  
 Server: <server name>\r\n  
 Pragma: no-cache\r\n  
 Cache-control: no-cache\r\n  
 Content-Type: text/plain\r\n  
 \r\n  
 <result>  
 <result> is  
 <value>\r\n  
 [ <result> ]

Value	Description
Fail	Modify video source fail.
Success	Modify video source success.

**Example:**

HTTP/1.0 200 OK\r\n  
 Server: VPort D351 Video Decoder\r\n  
 Pragma: no-cache\r\n  
 Cache-control: no-cache\r\n  
 Content-Type: text/plain\r\n  
 \r\n  
 Success\r\n

**Switch Decoding Video Source CGI URL**

This CGI is used to switch VPort D351 to decode the specific video source. This CGI is organized in function-related directories under the moxa-cgi directory and followed by “switchsource.cgi”.

**Syntax:**

http://<server>/moxa-cgi/switchsource.cgi?action=<value>&changetoid=<value>  
 action : 1~3



Value	Description
1	Switch to up video source in the video source list
2	Switch to down video source in the video source list
3	Switch to the specific video source

*changetoid* : 1~64 (optional)

### Example:

http://videoserver.moxanet.net/moxa-cgi/switchsource.cgi?action=1

http://videoserver.moxanet.net/moxa-cgi/switchsource.cgi?action=3&changetoid=5

### Method:

GET/POST

### Response:

HTTP/1.0 200 OK\r\n

Server: <server name>\r\n

Pragma: no-cache\r\n

Cache-control: no-cache\r\n

Content-Type: text/plain\r\n

\r\n

<result>

<result> is

<value>\r\n

[ <result> ]

Value	Description
Fail	Switch video source fail.
Success	Switch video source success.

### Example:

HTTP/1.0 200 OK\r\n

Server: VPort D351 Video Decoder\r\n

Pragma: no-cache\r\n

Cache-control: no-cache\r\n

Content-Type: text/plain\r\n

\r\n

Success\r\n