



PTZOptics HTTP API

Developer Documentation

HTTP API

The API allows for easy integration with a wide range of applications and programming languages. It is designed to provide programmatic access to our cameras, ensuring a seamless and efficient user experience.

API Information

- **API Version:** 1.0
- **Date:** August 28, 2026

Key Features

- **Secure:** All endpoints use digest authentication.
- **Comprehensive Documentation:** Each endpoint includes examples and parameters.



AUDIO



COLOR



EXPOSURE



FOCUS



IMAGE



MODE



MOVEMENT



NETWORK



OSD



PORTS



QUERY



STREAM



SYSTEM



VIDEO

ADTS Options

POST

/cgi-bin/param.cgi?post_media_audio&adts_flag=:value

Function: Enable or Disable ADTS Options.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Enable ADTS options

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&adts_flag=1"
-H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&adts_flag=1", \
{method: 'POST'})
```

Request

▼ PATH PARAMETERS

value	AdtsFlagValue	REQUIRED
Possible values: [0, 1]		
ADTS flag values:		
0: Off		
1: On		

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Enable Audio Encoding

POST /cgi-bin/param.cgi?post_media_audio&audio_switch=:value

Function: Configure Audio Encoding settings.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Enable audio encoding

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&audio_switch=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&audio_switch=1", {\n  method: 'POST'})
```

Request

▼ PATH PARAMETERS

value AudioSwitchValue

REQUIRED

Possible values: [0, 1, 2]

Audio switch values:

0: Off

1: On

2: Dante AV-H (Only applies to Link 4K)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Bitrate

POST /cgi-bin/param.cgi?post_media_audio&streamrate=:value

Function: Set the audio bitrate.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set audio bitrate to 96 kbps

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&streamrate=96" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&streamrate=96", {\n  method: 'POST'\})
```

Request

▼ PATH PARAMETERS

value BitrateValue

REQUIRED

Possible values: [96, 128]

Bitrate values:

96: 96 kbps

128: 128 kbps

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Input Volume

POST /cgi-bin/param.cgi?post_media_audio&volume_value=:volume

Function: Set the input volume level.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set input volume to 30dB

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&volume_value=30" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&volume_value=30", {\n  method: 'POST'})
```

Request

✓ PATH PARAMETERS

volume integer

REQUIRED

Possible values: `>= 0` and `<= 59`

Volume values:

0-59 (Compatible with Move 4K, Link 4K)

0-30 (Compatible with Move SE, Studio Pro)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Line Out Volume

POST /cgi-bin/param.cgi?post_media_audio&lineout_volume=:volume

Function: Set the line out volume level.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set line out volume to 30dB

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&lineout_volume=30" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&lineout_volume=30",\n{\method: 'POST'\})
```

Request

✓ PATH PARAMETERS

volume integer

REQUIRED

Possible values: `>= 0` and `<= 59`

Line out volume values:

0-59 (Compatible with Move 4K, Link 4K)

0-30 (Compatible with Move SE, Studio Pro)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Sample Rate

POST /cgi-bin/param.cgi?post_media_audio&samplerate=:value

Function: Set the audio sample rate.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE (32 kbps only)
- Studio Pro (32 kbps only)

Example: Set sample rate to 44.1 kbps

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&samplerate=44.1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&samplerate=44.1", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

value SampleRateValue

REQUIRED

Possible values: [32, 44.1, 48]

Sample rate values:

32: 32 kbps (Only applies to Move SE, Studio Pro)

44.1: 44.1 kbps

48: 48 kbps

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Enable USB Audio

POST /cgi-bin/param.cgi?post_media_audio&usbaudio_switch=:value

Function: Enable or disable USB audio.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Enable USB audio

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&usbaudio_switch=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_audio&usbaudio_switch=1",\n  {\n    method: 'POST'\n  })
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

USB Audio values:

0: Off

1: On

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Blue Gain

GET /cgi-bin/ptzctrl.cgi?post_image_value&bgain&:range

Function: Adjust the Blue Gain by entering a range (0-255).

Note: Available when Color Mode is selected (Manual).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter range 200 to adjust the Blue Gain.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&bgain&200"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&bgain&200")
```

Request

▼ PATH PARAMETERS

range integer

REQUIRED

Possible values: `>= 0` and `<= 255`

Enter a range to change the Blue Gain (0-255).

Note: Available when Color Mode is selected (Manual).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Blue Gain Tuning

GET

/cgi-bin/ptzctrl.cgi?post_image_value&bgaintuning&:range

Function: Adjust the Blue Gain tuning by entering a range (0-20). Note: Available when Color Mode is selected (Auto, OnePush, VAR).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter range 11 to adjust the Blue Gain Tuning to 1.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&bgaintuning&11"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&bgaintuning&11")
```

Request

✓ PATH PARAMETERS

range integer

REQUIRED

Possible values: `>= 0` and `<= 20`

Enter a range to change the Blue Gain Tuning.

0: -10

1: -9

2: -8
3: -7
4: -6
5: -5
6: -4
7: -3
8: -2
9: -1
10: 0
11: 1
12: 2
13: 3
14: 4
15: 5
16: 6
17: 7
18: 8
19: 9
20: 10

Note: Available when Color Mode is selected (Auto, OnePush, VAR).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Color Temperature

GET /cgi-bin/ptzctrl.cgi?post_image_value&colortemp&:temp_value

Function: Switch between the available Color Temperatures.

Note: Available when Color Mode is selected (VAR).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter the value 31 to select 5600K Color Temperature.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&colortemp&31"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&colortemp&31")
```

Request

▼ PATH PARAMETERS

temp_value ColorTemperature REQUIRED

Possible values: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55]

Select a color temperature value (0-55):

Value	Temperature
0	2500K
1	2600K
2	2700K
3	2800K
4	2900K
5	3000K
6	3100K
7	3200K
8	3300K
9	3400K
10	3500K
11	3600K
12	3700K
13	3800K
14	3900K
15	4000K
16	4100K
17	4200K
18	4300K

Value	Temperature
19	4400K
20	4500K
21	4600K
22	4700K
23	4800K
24	4900K
25	5000K
26	5100K
27	5200K
28	5300K
29	5400K
30	5500K
31	5600K
32	5700K
33	5800K
34	5900K
35	6000K
36	6100K
37	6200K

Value	Temperature
38	6300K
39	6400K
40	6500K
41	6600K
42	6700K
43	6800K
44	6900K
45	7000K
46	7100K
47	7200K
48	7300K
49	7400K
50	7500K
51	7600K
52	7700K
53	7800K
54	7900K
55	8000K

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

One Push Trigger

GET /cgi-bin/ptzctrl.cgi?post_image_value&onepush&0

Function: OnePush Trigger to calculate White Balance.

Note: Available when Color Mode is selected (OnePush).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Send command to calculate the White Balance.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&onepush&0"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&onepush&0")
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Red Gain

GET /cgi-bin/ptzctrl.cgi?post_image_value&rgain&:range

Function: Adjust the Red Gain by entering a range (0-255).

Note: Available when Color Mode is selected (Manual).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter range 200 to adjust the Red Gain.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&rgain&200"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&rgain&200")
```

Request

▼ PATH PARAMETERS

range integer

REQUIRED

Possible values: `>= 0` and `<= 255`

Enter a range to change the Red Gain (0-255).

Note: Available when Color Mode is selected (Manual).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Red Gain Tuning

GET

/cgi-bin/ptzctrl.cgi?post_image_value&rgaintuning&:range

Function: Adjust the Red Gain tuning by entering a range (0-20).

Note: Available when Color Mode is selected (Auto, OnePush, VAR).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter range 11 to adjust the Red Gain Tuning to 1.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&rgaintuning&11"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&rgaintuning&11")
```

Request

▼ PATH PARAMETERS

range integer

REQUIRED

Possible values: `>= 0` and `<= 20`

Enter a range to change the Red Gain Tuning.

0: -10

1: -9
2: -8
3: -7
4: -6
5: -5
6: -4
7: -3
8: -2
9: -1
10: 0
11: 1
12: 2
13: 3
14: 4
15: 5
16: 6
17: 7
18: 8
19: 9
20: 10

Note: Available when Color Mode is selected (Auto, OnePush, VAR).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

White Balance Mode

GET /cgi-bin/ptzctrl.cgi?post_image_value&wbmode&:value

Function: Switch between the available White Balance options.

- 0: Auto
- 1: Indoor
- 2: Outdoor
- 3: OnePush
- 5: Manual
- 32: VAR

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 5 to switch to Manual White Balance.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&wbmode&5"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&wbmode&5")
```

Request

✓ PATH PARAMETERS

value string

REQUIRED

Possible values: Value must match regular expression `^(0|1|2|3|5|32)$`

Enter a value to change the White Balance Mode.

0: Auto

1: Indoor

2: Outdoor

3: OnePush

5: Manual

32: VAR

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Backlight

GET

/cgi-bin/ptzctrl.cgi?post_image_value&backlight&:value

Function: Turn on/ off Backlight

- 1: Off
- 2: On
- 3: Enhanced

Note: Available when Exposure Mode is selected (Auto, SAE, AAE).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 2 to turn on Backlight.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&backlight&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&backlight&2")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 2` and `<= 3`

Enter a value to turn Backlight on/off.

On: 2

Off: 3

Note: Available when Exposure Mode is selected (Auto).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: `[Success]`

Exp Comp

GET

/cgi-bin/ptzctrl.cgi?post_image_value&expcomp_level&:range

Function: Switch between the available ExpComp ranges (0-14).

Note: Available when Exposure Mode is set to (Auto)

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter range 3 to select -4 ExpComp.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&expcomp_level&3"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&expcomp_level&3")
```

Request

▼ PATH PARAMETERS

range integer

REQUIRED

Possible values: `>= 0` and `<= 14`

Enter a value to change the Exposure Mode.

0: -7

1: -6

2: -5

3: -4

4: -3

5: -2

6: -1

7: 0

8: 1

9: 2

10: 3

11: 4

12: 5

13: 6

14: 7

Note: Available when Exposure Mode is set to (Auto)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Exposure Compensation Mode

GET

/cgi-bin/ptzctrl.cgi?post_image_value&expcomp_mode&:value

Function: Turn on/off Exposure Compensation Mode.

Note: Available when Exposure Mode is set to (Auto)

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 2 to turn on Exposure Compensation Mode.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&expcomp_mode&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&expcomp_mode&2")
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 2` and `<= 3`

Enter a value to change the Exposure Mode.

2: On

3: Off

Note: Available when Exposure Mode is set to (Auto)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Exposure Mode

GET /cgi-bin/ptzctrl.cgi?post_image_value&aemode&:value

Function: Switch between the available Exposure Modes.

- 0: Auto
- 3: Manual
- 10: SAE
- 11: AAE
- 13: Bright (Not currently supported on the Move 4K, or Link 4K)

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 3 to select Manual Exposure Mode.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&aemode&3"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&aemode&3")
```

Request

✓ PATH PARAMETERS

value string REQUIRED

Possible values: Value must match regular expression `^(0|3|10|11|13)$`

Enter a value to change the Exposure Mode.

0: Auto

3: Manual

10: SAE

11: AAE

13: Bright (Not currently supported on the Move 4K, or Link 4K)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object REQUIRED

Result string REQUIRED

Possible values: [Success]

Anti-Flicker Mode

GET

/cgi-bin/ptzctrl.cgi?post_image_value&antiflicker&:value

Function: Switch between the available Anti-Flicker Modes.

- 0: Off
- 1: 50Hz
- 2: 60Hz

Note: Available when Exposure Mode is selected (Auto, AAE).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 2 to select the 60Hz Anti-Flicker mode.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&antiflicker&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&antiflicker&2")
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 2`

Enter switch between the available Anti-Flicker Modes.

0: Off

1: 50Hz

2: 60Hz

Note: Available when Exposure Mode is selected (Auto, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: `[Success]`

Gain Limit

GET /cgi-bin/ptzctrl.cgi?post_image_value&gainLimit&:range

Function: Adjust Gain limit by entering value (0-15).

Note: Available when Exposure Mode is selected (Auto, SAE, AAE)

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 3 to adjust the Gain Limit.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&gainLimit&3"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&gainLimit&3")
```

Request

▼ PATH PARAMETERS

range integer

REQUIRED

Possible values: `>= 0` and `<= 15`

Enter a value to adjust the Gain Limit (0-15).

Note: Available when Exposure Mode is selected (Auto, SAE, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Gain

GET /cgi-bin/ptzctrl.cgi?post_image_value&gain&:range

Function: Enter a range (0-7) to adjust the Gain.

Note: Available when Exposure Mode is selected (Manual).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter range 5 to adjust the Gain.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&gain&5"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&gain&5")
```

Request

▼ PATH PARAMETERS

range integer REQUIRED

Possible values: `>= 0` and `<= 7`

Enter a value (0-7) to adjust the Gain.

Note: Available when Exposure Mode is selected (Manual).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Iris Control for Move 4K, and Link

GET /cgi-bin/ptzctrl.cgi?post_image_value&iris=:value | Move/Link 4K

Function: Enter a value (0-12) to adjust the Iris.

Note: Available when Exposure Mode is selected (Manual, AAE).

Camera Compatibility:

- Move 4K
- Link 4K

Example: Enter value 11 to select F2.0 Iris.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&iris&11"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&iris&11")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 8`

Enter a range (0-12) to adjust the Iris.

0: Close

1: F11.0

2: F9.6

3: F8.0

4: F6.8

4: F5.6

6: F4.8

7: F4.0

8: F3.4

9: F2.8

10: F2.4

11: F2.0

12: F1.8

Note: Available when Exposure Mode is selected (Manual, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Iris Control for Move SE, Studio Pro, Studio 4K

GET /cgi-bin/ptzctrl.cgi?post_image_value&iris&:value | Move SE, Studio Pro, Studio 4K:value

Function: Enter a value (0, 6-17) to adjust the Iris.

Note: Available when Exposure Mode is selected (Manual, AAE).

Camera Compatibility:

- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 16 to select F2.0 Iris.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&iris&16"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&iris&16")
```

Request

▼ PATH PARAMETERS

value string REQUIRED

Possible values: Value must match regular expression `^(0|[6-9]|1[0-7])$`

Enter a range (0, 6-17) to adjust the Iris.

0: Close

6: F11.0

7: F9.6

8: F8.0

9: F6.8

10: F5.6

11: F4.8

12: F4.0

13: F3.4

14: F2.8

15: F2.4

16: F2.0

17: F1.8

Note: Available when Exposure Mode is selected (Manual, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

SCHEMA

Response object REQUIRED

Result string REQUIRED

Possible values: [Success]

Meter Region

GET /cgi-bin/ptzctrl.cgi?post_image_value&meter&:value

Function: Switch between the available Meter Regions.

- 0: Average
- 1: Center
- 2: Smart
- 3: Top

Note: Available when Exposure Mode is selected (Auto, SAE, AAE).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 1 to select the Center Meter Region.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&meter&1"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&meter&1")
```

Request

✓ PATH PARAMETERS

value integer REQUIRED

Possible values: `>= 0` and `<= 3`

Enter a value to Switch between the available Meter Regions.

0: Average

1: Center

2: Smart

3: Top

Note: Available when Exposure Mode is selected (Auto, SAE, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

✓ SCHEMA

✓ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Dynamic Range Control

GET /cgi-bin/ptzctrl.cgi?post_image_value&drc&:range

Function: Enter a range (0-8) to adjust the Dynamic Range.

Note: Available when Exposure Mode is selected (Auto, Manual, SAE, AAE).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter range 5 to adjust the Dynamic Range.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&drc&5"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&drc&5")
```

Request

▼ PATH PARAMETERS

range integer REQUIRED

Possible values: `>= 0` and `<= 8`

Enter a range (0-8) to adjust the Dynamic Range.

Note: Available when Exposure Mode is selected (Auto, Manual, SAE, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Shutter Control for Move 4K, Link

GET

/cgi-bin/ptzctrl.cgi?post_image_value&shutter&:value | Move/Link 4K

Function: Enter a value (1-17) to adjust the Shutter.

Note: Available when Exposure Mode is selected (Manual, AAE).

Camera Compatibility:

- Move 4K
- Link 4K

Example: Enter value 2 to select 1/60 Shutter.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&shutter&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&shutter&2")
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 1` and `<= 17`

Enter a value (1-17) to adjust the Shutter.

1: 1/30

2: 1/60

3: 1/90

4: 1/100

5: 1/125

6: 1/180

7: 1/250

8: 1/350

9: 1/500

10: 1/725

11: 1/1000

12: 1/1500

13: 1/2000

14: 1/3000

15: 1/4000

16: 1/6000

17: 1/10000

Note: Available when Exposure Mode is selected (Manual, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Shutter Control for Move SE, Studio 4K

GET /cgi-bin/ptzctrl.cgi?post_image_value&shutter&:value | Move SE, Studio 4K:value

Function: Enter a value (1-17) to adjust the Shutter.

Note: Available when Exposure Mode is selected (Manual, AAE).

Camera Compatibility:

- Move SE
- Studio 4K

Example: Enter value 2 to select 1/50 Shutter.

curl: curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&shutter&2"

JavaScript: fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&shutter&2")

Request

▼ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 1` and `<= 17`

Enter a value (1-17) to adjust the Shutter.

1: 1/30

2: 1/50

3: 1/60

4: 1/100

5: 1/125

6: 1/200

7: 1/250

8: 1/350

9: 1/500

10: 1/725

11: 1/1000

12: 1/1500

13: 1/2000

14: 1/3000

15: 1/4000

16: 1/6000

17: 1/10000

Note: Available when Exposure Mode is selected (Manual, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Shutter Control for Studio Pro

GET

/cgi-bin/ptzctrl.cgi?post_image_value&shutter&:value | Studio Pro

Function: Enter a value (1-17) to adjust the Shutter.

Note: Available when Exposure Mode is selected (Manual, AAE).

Camera Compatibility:

- Studio Pro

Example: Enter value 2 to select 1/40 Shutter.

curl: curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&shutter&2"

JavaScript: fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&shutter&2")

Request

▼ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 1` and `<= 17`

Enter a value (1-17) to adjust the Shutter.

1: 1/30

2: 1/40

3: 1/50

4: 1/60

5: 1/70

6: 1/80

7: 1/90

8: 1/100

9: 1/110

10: 1/120

11: 1/130

12: 1/140

13: 1/150

14: 1/160

15: 1/170

16: 1/180

17: 1/190

Note: Available when Exposure Mode is selected (Manual, AAE).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

▼ SCHEMA

▼ Response object REQUIRED

Result string REQUIRED

Possible values: [Success]

Auto Focus Zone

GET

/cgi-bin/ptzctrl.cgi?post_image_value&focusregion&:region

Function: Switch between the Auto Focus Regions.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 3 to set Auto Focus Region to the Front.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&focusregion&3"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&focusregion&3")
```

Request

▼ PATH PARAMETERS

region FocusRegion

REQUIRED

Possible values: [0, 1, 2, 3]

Select focus region:

0: Top - Top of focus region

1: Center - Center of focus region

2: Bottom - Bottom of focus region

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Focus Limit

GET

/cgi-bin/param.cgi?post_zoomfocus&type=focusrange&enable=:enable_state&near=:near_value&far=:far_value

Function: Set values for limiting the focus range.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Setting a focus limit range:

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?post_zoomfocus&type=focusrange&enable=1&near=3&far=8"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?post_zoomfocus&type=focusrange&enable=1&near=3&far=8", {\n  method: 'POST'\n})
```

Important: The far_value cannot be less than the near_value, and the near_value cannot be greater than the far_value.

Request

▼ PATH PARAMETERS

enable_state	Enabled	REQUIRED
Possible values: [0, 1]		
Enable or disable focus limit		
near_value	MeterValue	REQUIRED

Possible values: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]

Near focus limit (in meters). Must be less than or equal to the far_value.

far_value MeterValue

REQUIRED

Possible values: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]

Far focus limit (in meters). Must be greater than or equal to the near_value.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Focus Lock

GET

/cgi-bin/param.cgi?ptzcmd&:action_mfocus

Function: Set Focus Lock to (lock), or (unlock).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter "lock" for the action to turn on Focus Lock.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?ptzcmd&lock_mfocus"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?ptzcmd&lock_mfocus")
```

Request

▼ PATH PARAMETERS

action LockUnlock	REQUIRED
Possible values: [lock, unlock]	
Focus lock action (lock or unlock)	

Responses

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Focus Mode

GET /cgi-bin/ptzctrl.cgi?post_image_value&focusmode&:mode

Function: Switch between the available Focus Modes.

- 1: Auto Focus
- 2: One Shot AF (Only available on all cameras)
- 3: Manual Focus (Only available on all cameras)

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 3 to switch to Manual Focus Mode.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&focusmode&3"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&focusmode&3")
```

Request

▼ PATH PARAMETERS

mode FocusMode

REQUIRED

Possible values: [2, 3]

Select focus mode:

2: Auto Focus - Camera automatically adjusts focus

3: Manual Focus - User control of focus

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object REQUIRED

Result string REQUIRED

 Possible values: [Success]

Auto Focus Sensitivity

GET /cgi-bin/ptzctrl.cgi?post_image_value&focussense&:sensitivity

Function: Change the sensitivity of Auto Focus.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 1 to set Auto Focus Sensitivity to high.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&focussense&1"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&focussense&1")
```

Request

✓ PATH PARAMETERS

sensitivity FocusSensitivity

REQUIRED

Possible values: [1, 2, 3]

Select focus sensitivity level:

1: High - Maximum sensitivity

2: Normal - Standard sensitivity

3: Low - Minimum sensitivity

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Time of Flight

GET /cgi-bin/ptzctrl.cgi?post_image_value&tof&:state

Function: Set Time of Flight functionality.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Enter value 2 to turn on ToF.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&tof&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&tof&2")
```

Request

▼ PATH PARAMETERS

state ToFState

REQUIRED

Possible values: [2, 3]

Enable or disable Time of Flight focusing:

2: On - Enable Time of Flight

3: Off - Disable Time of Flight

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Contrast

GET /cgi-bin/ptzctrl.cgi?post_image_value&contrast&:value

Function: Change the Contrast value 0-14.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 6 to change the Contrast.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&contrast&6"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&contrast&6")
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 14`

Enter a value to change the Contrast (0-14).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Hue

GET /cgi-bin/ptzctrl.cgi?post_image_value&hue&:value

Function: Change the Hue value 0-14.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 14 to change the Hue.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&hue&14"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&hue&14")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 14`

Enter a value to change the image. 0(Darker) - 14(Brighter).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Luminance

GET

/cgi-bin/ptzctrl.cgi?post_image_value&luminance&:value

Function: Change the Luminance value 0(Darker) - 14(Brighter).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 7 to change the Luminance.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&luminance&7"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&luminance&7")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 14`

Enter a value to change the image. 0(Darker) - 14(Brighter).

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Saturation

GET

/cgi-bin/ptzctrl.cgi?post_image_value&saturation&:value

Function: Change the Saturation value 0-14 (60% - 200%, 10% change increment).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 7 to change the Saturation to 130%.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&saturation&7"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&saturation&7")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 14`

Enter a value to change the Saturation setting.

0 = 60%

1 = 70%

2 = 80%

- 3 = 90%
- 4 = 100%
- 5 = 110%
- 6 = 120%
- 7 = 130%
- 8 = 140%
- 9 = 150%
- 10 = 160%
- 11 = 170%
- 12 = 180%
- 13 = 190%
- 14 = 200%

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Sharpness Move 4K, Link

GET

/cgi-bin/ptzctrl.cgi?post_image_value&sharpness&:value | Move/Link 4K

Function: Change the Sharpness value 0-11.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Enter value 8 to change the Sharpness.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&sharpness&8"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&sharpness&8")
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 11`

Enter a value to change the Sharpness setting 0-11.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Sharpness Move SE, Studio Pro, Studio 4K

GET

/cgi-bin/ptzctrl.cgi?post_image_value&sharpness&:value | Move SE, Studio Pro, Studio 4K

Function: Change the Sharpness value 0-16.

Camera Compatibility:

- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 5 to change the Sharpness.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&sharpness&5"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&sharpness&5")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 0` and `<= 16`

Enter a value to change the Sharpness setting 0-16.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

2D Noise Reduction

GET /cgi-bin/ptzctrl.cgi?post_image_value&noise2d&:level

Function: Switch between the available 2D Noise Reduction options.

Camera Compatibility:

- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 6 to select Auto Noise Reduction.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&noise2d&6"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&noise2d&6")
```

Request

▼ PATH PARAMETERS

level NoiseReduction2D

REQUIRED

Possible values: [0, 1, 2, 3, 4, 5, 6]

Select 2D Noise Reduction level

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

3D Noise Reduction

GET /cgi-bin/ptzctrl.cgi?post_image_value&noise3d&:level

Function: Switch between the available 3D Noise Reduction options.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter noise_level 9 to select Auto Noise Reduction.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&noise3d&9"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&noise3d&9")
```

Request

▼ PATH PARAMETERS

level NoiseReduction3D

REQUIRED

Possible values: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]

Select 3D Noise Reduction level

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Auto Inversion Mode

GET /cgi-bin/ptzctrl.cgi?post_image_value&inversionmode&:inversion_state

Function: Turn on/off Auto Inversion Mode.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Enter inversion state 2 to turn on the Auto Inversion Mode.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&inversionmode&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&inversionmode&2")
```

Request

✓ PATH PARAMETERS

inversion_state InversionState

REQUIRED

Possible values: [2, 0]

Select Auto Inversion Mode state (on/off)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Auto Tracking On/Off

GET /cgi-bin/param.cgi?set_overlay&autotracking&:value

Function: Turns on/off Auto Tracking.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Turn on auto tracking.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?set_overlay&autotracking&on"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?set_overlay&autotracking&on")
```

Request

✓ PATH PARAMETERS

value autoTracking

REQUIRED

Possible values: [on, off]

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values:	[Success]	

B&W Mode

GET /cgi-bin/ptzctrl.cgi?post_image_value&bwmode&:mode

Function: Switch between Color, or Black/White Mode.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter bw_state 1 to select Black & White mode.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&bwmode&1"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&bwmode&1")
```

Request

✓ PATH PARAMETERS

mode BWMode

REQUIRED

Possible values: [0, 1]

Select between Color and Black & White modes

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Bounding Boxes

GET /cgi-bin/ptzctrl.cgi?post_image_value&trackbox&:value

Function: Switches between the available options for Bounding Boxes.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Switch Bounding Box mode to select target by entering value 4.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&trackbox&4"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?post_image_value&trackbox&4")
```

Request

▼ PATH PARAMETERS

value boundingBox

REQUIRED

Possible values: [2, 3, 4]

2 = Debug

3 = Off

4 = Select Target

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Display info

GET

/cgi-bin/ptzctrl.cgi?post_image_value&displayinfo&:value

Function: Turn On/Off Display Info.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Turn on Display Info by enter value 2.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&displayinfo&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&displayinfo&2")
```

Request

▼ PATH PARAMETERS

value onOff1

REQUIRED

Possible values: [2, 3]

2 = On

3 = Off

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Image Orientation

GET /cgi-bin/ptzctrl.cgi?post_image_value&imageorientation&:orientation

Function: Switch between the available Image Orientation Modes.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Enter value 2 to select the Mirror Image Orientation.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&imageorientation&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&imageorientation&2")
```

Request

✓ PATH PARAMETERS

orientation ImageOrientation

REQUIRED

Possible values: [0, 1, 2, 3]

Select Image Orientation mode:

0: Off - Normal image orientation

1: Flip - Flip image vertically

2: Mirror - Mirror image horizontally

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Motion Sync

GET

/cgi-bin/ptzctrl.cgi?post_image_value&motionsync&:value

Function: Turn On/Off Motion Sync.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Turn on Motion Sync by enter value 2.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&motionsync&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&motionsync&2")
```

Request

▼ PATH PARAMETERS

value onOff1

REQUIRED

Possible values: [2, 3]

2 = On

3 = Off

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Patrol Mode

GET /cgi-bin/ptzctrl.cgi?post_image_value&presetinspection&:value

Function: Turns On/Off Patrol Mode.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Turn on Patrol mode by entering value 2.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&presetinspection&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&presetinspection&2")
```

Request

▼ PATH PARAMETERS

value onOff1

REQUIRED

Possible values: [2, 3]

2 = On

3 = Off

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Preset Freeze

GET /cgi-bin/ptzctrl.cgi?post_image_value&presetfreeze&:value

Function: Turns On/Off Preset Freeze

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Turn on Preset Freeze by entering value 2.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&presetfreeze&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&presetfreeze&2")
```

Request

▼ PATH PARAMETERS

value onOff1

REQUIRED

Possible values: [2, 3]

2 = On

3 = Off

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Tally Mode

GET /cgi-bin/ptzctrl.cgi?post_image_value&tallymode&:value

Function: Turn On/Off Tally Mode.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Turn on Tally Mode by entering value 2.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&tallymode&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&tallymode&2")
```

Request

▼ PATH PARAMETERS

value onOff1

REQUIRED

Possible values: [2, 3]

2 = On

3 = Off

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Tracking Overlay

GET

/cgi-bin/ptzctrl.cgi?post_image_value&trackingoverlay&:value

Function: Turn On/Off Tracking Overlay.

Camera Compatibility:

- Move SE

Example: Turn on Tracking Overlay by entering value 1.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&trackingoverlay&1"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&trackingoverlay&1")
```

Request

▼ PATH PARAMETERS

value onOff2

REQUIRED

Possible values: [1, 0]

0 = Off

1 = On

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Tracking Start Location

GET

/cgi-bin/ptzctrl.cgi?post_image_value&trackpreset&:value

Function: Auto Tracking begins at "live", "home", or presets "0-254"

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Set the Auto Tracking location to start at preset 1

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&trackpreset&1"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&trackpreset&1")
```

Request

✓ PATH PARAMETERS

value string

REQUIRED

Possible values: Value must match regular expression `^(0|[1-9][0-9]?|1[0-9]{2}|2[0-4][0-9]|25[0-4]|live|home)$`

Enter "live", "home", or preset values 0-254 to set the Auto tracking start location.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Zoom Mode

GET

/cgi-bin/ptzctrl.cgi?post_image_value&digitalzoom&:value

Function: Switch between the available Zoom Mode selections.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Select Digital 4X zoom mode by entering value 2.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&digitalzoom&2"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_image_value&digitalzoom&2")
```

Request

▼ PATH PARAMETERS

value zoomMode

REQUIRED

Possible values: [0, 1, 2, 3, 4]

0 = Optical

1 = Digital 2X

2 = Digital 4X

3 = Digital 8X
4 = Digital 16X

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Focus In/Out/Stop

GET /cgi-bin/ptzctrl.cgi?focus

Function: Controls the focus direction with optional speed parameter

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4k

Example: Focus in with a focus speed of 5

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&focusin&5"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&focusin&5")
```

Example: Focus in with default speed (speed parameter omitted)

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&focusin"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&focusin")
```

Request

▼ QUERY PARAMETERS

ptzcmd	boolean	REQUIRED
Default value: true		
focus_action	focusDirection	REQUIRED
Possible values: [focusin, focusout, focusstop]		
speed	integer	
Possible values: >= 0 and <= 7		
Optional: The Speed of the focus (0-7). 0 is the slowest, 7 is the fastest. If not provided, a default speed will be used.		

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Home Preset

GET /cgi-bin/ptzctrl.cgi?home

Function: Moves the camera to the home position

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Return camera to home position

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&home"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&home")
```

Request

▼ QUERY PARAMETERS

ptzcmd boolean	REQUIRED
Default value: true	
home boolean	REQUIRED
Default value: true	

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Pan/ Tilt Reset

GET /cgi-bin/param.cgi?pan-tilt-reset

Function: Send command to reset the Pan/ Tilt on the camera.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: If camera is not returning back to factor home position send Pan/ Tilt reset command

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?pan_tiltdrive_reset"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?pan_tiltdrive_reset")
```

Request

✓ QUERY PARAMETERS

pan_tiltdrive_reset boolean

REQUIRED

Default value: `true`

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values:	[Success]	

Pan/Tilt Control

GET /cgi-bin/ptzctrl.cgi?pan tilt

Function: Send commands to control the Pan/Tilt direction with optional speed parameters

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE

Example: Send command to camera for tilt up/pan right with pan and tilt speeds of 15, 13

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&rightup&15&13"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&rightup&15&13")
```

Example: Send command to camera for tilt up/pan right with default speeds (speed parameters omitted)

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&rightup"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&rightup")
```

Request

▼ QUERY PARAMETERS

ptzcmd boolean	REQUIRED
Default value: <code>true</code>	
pan_tilt_action panTiltCommand	REQUIRED
Possible values: <code>[up, down, left, right, leftup, rightup, leftdown, rightdown, ptzstop]</code>	
pan_speed integer	
Possible values: <code>>= 1</code> and <code><= 24</code>	
Optional: The speed of panning (1-24). 1 is the slowest, 24 is the fastest. If not provided, a default speed will be used.	
tilt_speed integer	
Possible values: <code>>= 1</code> and <code><= 20</code>	
Optional: The speed of tilting (1-20). 1 is the slowest, 20 is the fastest. If not provided, a default speed will be used.	

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response object	REQUIRED
Result string	REQUIRED
Possible values: <code>[Success]</code>	

Position Recall

GET /cgi-bin/ptzctrl.cgi?position

Function: Sends a command to recall the direct position of the camera.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Call Absolute Position with pan speed of 15, tilt speed 10, pan position 0200 (Right), tilt position 0200(Up).

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&abs&15&10&0200&0200"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&abs&15&10&0200&0200")
```

Request

✓ PATH PARAMETERS

pan speed integer REQUIRED

Possible values: `>= 1` and `<= 24`

The speed of panning (1-24. 1 is the slowest, 24 is the fastest)

tilt speed integer REQUIRED

Possible values: `>= 1` and `<= 20`

The speed of tilting (1-20. 1 is the slowest, 20 is the fastest)

pan position string REQUIRED

Possible values: Value must match regular expression `^(0[0-9][0-9A-Fa-f]{2}|090[0-9A-Fa-f]|F67[0-9A-Fa-f]|F6[8-9A-Fa-f][0-9A-Fa-f]|F[7-9A-Fa-f][0-9A-Fa-f]{2}|FF[0-9A-Ed-e][0-9A-E])$`

Pan Position values:

0000 or FFFF: Home Position

0001-0990: Pan Right (First to Last Step)

FFFE-F670: Pan Left (First to Last Step)

tilt position string

REQUIRED

Possible values: Value must match regular expression `^(0[0-5][0-9A-Fa-f]{2}|050[0-9A-Fa-f]|0510|FE5[1-9A-Fa-f]|FE[6-9A-Fa-f][0-9A-Fa-f]|FF[0-9A-Fa-f]{2})$`

Tilt Position values:

0000 or FFFF: Home Position

0001-0510: Tilt Up (First to Last Step)

FFFE-FE51: Tilt Down (First to Last Step)

▼ QUERY PARAMETERS

ptzcmd boolean

REQUIRED

Default value: `true`

mode positionMode

REQUIRED

Possible values: `[abs, rel]`

abs = absolute

rel = relative

pan speed object

REQUIRED

tilt speed object

REQUIRED

pan position object

REQUIRED

tilt position object

REQUIRED

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: `[Success]`

Preset Commands

GET /cgi-bin/ptzctrl.cgi?preset

Function: Sets or Calls camera position/ settings from preset assigned values 0-89, 100-254

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Move camera to a designated position and enter "posset" for preset value "1"

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&posset&1"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&posset&1")
```

Request

✓ PATH PARAMETERS

preset number integer REQUIRED
Possible values: `>= 0` and `<= 254`
Preset value range (0-89), and (100-254)

✓ QUERY PARAMETERS

ptzcmd boolean REQUIRED
Default value: `true`
action presetAction REQUIRED

Possible values: [posset, poscall]

posset = Position Set

poscall = Position Call

preset number object

REQUIRED

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Preset Commands with Speed

POST

/cgi-bin/ptzctrl.cgi?post_preset&poscallwithspeed=:preset&panspeed=:panspeed&tiltspeed=:tiltspeed

Function: Calls camera position from preset with specified pan, tilt, and zoom speeds

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Call preset 1 with specified speeds (pan=10, tilt=10, zoom=5)

curl:

```
curl -X POST "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_preset&poscallwithspeed=1&panspeed=10&tiltspeed=10&zoomspeed=5" -H "Content-
Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?
post_preset&poscallwithspeed=1&panspeed=10&tiltspeed=10&zoomspeed=5", {\method:
'POST'})
```

Request

▼ PATH PARAMETERS

preset integer REQUIRED

Possible values: `>= 0` and `<= 254`

The preset number to recall (0-89, 100-254)

panspeed integer REQUIRED

Possible values: `>= 1` and `<= 24`

The pan speed (1-24)

tiltspeed integer

REQUIRED

Possible values: `>= 1` and `<= 20`

The tilt speed (1-20)

zoomspeed integer

REQUIRED

Possible values: `>= 1` and `<= 7`

The zoom speed (1-7)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: `[Success]`

Snap Focus

GET /cgi-bin/param.cgi?snapfocus

Function: Controls the Snap Focus command

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4k

Example: If image clarity is blurry perform the Snap Focus command

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?set_focus&one_shot_focus"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?set_focus&one_shot_focus")
```

Request

✓ QUERY PARAMETERS

set_focus boolean	REQUIRED
Default value: true	
one_shot_focus boolean	REQUIRED
Default value: true	

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Zoom Recall

GET /cgi-bin/ptzctrl.cgi?zoomrecall

Function: Sends a command to Recall the Direct Zoom Position with Zoom Speed

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Call Zoom Position with Zoom speed of 5, and Zoom position of 3000

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&zoomto&5&3000"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&zoomto&5&3000")
```

Request

✓ PATH PARAMETERS

zoom speed integer REQUIRED

Possible values: `>= 1` and `<= 7`

The Speed of the zoom (1-7). 1 is the slowest, 7 is the fastest

zoom position string REQUIRED

Possible values: Value must match regular expression `^(0[0-9A-Fa-f]{3}|[1-3][0-9A-Fa-f]{3}|4000)$`

Zoom Position values:

0000: Full Wide

4000: Full Tele Range: 0000-4000 in hexadecimal

✓ QUERY PARAMETERS

ptzcmd	boolean	REQUIRED
Default value: true		
zoomto	boolean	REQUIRED
Default value: true		
zoom speed	object	REQUIRED
zoom position	object	REQUIRED

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

SCHEMA

Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Zoom In/Out/Stop

GET /cgi-bin/ptzctrl.cgi?zoom

Function: Controls the Zoom direction with optional speed parameter

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4k

Example: Zoom in with a zoom speed of 5

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&zoomin&5"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&zoomin&5")
```

Example: Zoom in with default speed (speed parameter omitted)

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&zoomin"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&zoomin")
```

Request

▼ QUERY PARAMETERS

ptzcmd	boolean	REQUIRED
Default value: true		
zoom_action	zoomDirection	REQUIRED
Possible values: [zoomin, zoomout, zoomstop]		
speed	integer	
Possible values: >= 0 and <= 7		
Optional: The speed of zooming (0-7). 0 is the slowest, 7 is the fastest. If not provided, a default speed will be used.		

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

NDI Local Device Channel

GET /cgi-bin/param.cgi?post_ndi_info&channelName=:value

Function: Gets the NDI local device channel name.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Get NDI channel name

curl:

```
curl -X GET "http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&channelName=PTZOptics"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&channelName=PTZOptics")
```

Request

▼ PATH PARAMETERS

value string REQUIRED
NDI Local Device Channel: Channel name for the NDI device

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

channelName string REQUIRED

NDI Discovery Server

GET /cgi-bin/param.cgi?post_ndi_info&discovery_en=:value

Function: Gets NDI Discovery Server setting.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Values:

- 0: Disable NDI Discovery Server
- 1: Enable NDI Discovery Server

Example: Get NDI Discovery Server setting

curl:

```
curl -X GET "http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&discovery_en=1"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&discovery_en=1")
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

NDI Discovery Server:

0: Disable NDI Discovery Server

1: Enable NDI Discovery Server

Responses

200	400	404
-----	-----	-----

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

▼ SCHEMA

discovery	integer	REQUIRED
-----------	---------	----------

NDI Receive Group

GET

/cgi-bin/param.cgi?post_ndi_info&group=:value

Function: Gets the NDI receive group.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Get NDI group

curl:

```
curl -X GET "http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&group=PTZGroup"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&group=PTZGroup")
```

Request

▼ PATH PARAMETERS

value

string

REQUIRED

NDI Receive Group: Group name for NDI discovery

Responses

200	400	404
-----	-----	-----

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

group string REQUIRED

NDI Multicast Server

GET /cgi-bin/param.cgi?post_ndi_info&multicast_en=:value

Function: Gets NDI Multicast setting.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Values:

- 0: Disable NDI Multicast
- 1: Enable NDI Multicast

Example: Get NDI Multicast setting

curl:

```
curl -X GET "http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&multicast_en=1"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_ndi_info&multicast_en=1")
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

NDI Multicast Server:

0: Disable NDI Multicast

1: Enable NDI Multicast

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

multicast integer **REQUIRED**

Device ID

POST /cgi-bin/param.cgi?post_devinfo_conf&devname=:value

Function: Sets the device name of the camera.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set device name

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_devinfo_conf&devname=Conference_Room_Camera" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_devinfo_conf&devname=Conference_Room_Camera", {\method: 'POST'})
```

Response:

```
\{
  "Response": \{
    "Result": "Success"
  }
}
```

Request

✓ PATH PARAMETERS

value	string	REQUIRED
Device ID: Custom name for the camera		

Responses

200400404

The request has succeeded.

APPLICATION/JSON

SchemaExample (auto)

SCHEMA

Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

DNS Address

POST /cgi-bin/param.cgi?post_network_info_conf&fdns=:value

Function: Sets the DNS server address of the camera.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set DNS address

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&fdns=8.8.8.8" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&fdns=8.8.8.8",\n{\method: 'POST'})
```

Request

▼ PATH PARAMETERS

value string
DNS Address: DNS server address in format xxx.xxx.xxx.xxx

REQUIRED

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

fdns string **REQUIRED**

Gateway

POST /cgi-bin/param.cgi?post_network_info_conf&gateway=:value

Function: Sets the gateway address of the camera.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set gateway

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&gateway=192.168.1.1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&gateway=192.168.1.1", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

value string
Gateway: Gateway address in format xxx.xxx.xxx.xxx

REQUIRED

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

| **gateway** string ————— REQUIRED

IP address

POST /cgi-bin/param.cgi?post_network_info_conf&ipaddr=:value

Function: Sets the IP address of the camera.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set IP address

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&ipaddr=192.168.1.100" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&ipaddr=192.168.1.100", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

value string
IP address: IPv4 address in format xxx.xxx.xxx.xxx

REQUIRED

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

ipaddr string **REQUIRED**

IP Configuration type

POST /cgi-bin/param.cgi?post_network_info_conf&dhcp=:value

Function: Sets the IP configuration method (DHCP or Static IP).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Values:

- 0: Static IP Address
- 1: DHCP IP Address

Example: Enable DHCP

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&dhcp=1"
-H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&dhcp=1", \
{method: 'POST'})
```

Request

▼ PATH PARAMETERS

value integer

REQUIRED

IP Configuration type:

0: Static IP Address

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

dhcp integer

REQUIRED

Subnet Mask

POST /cgi-bin/param.cgi?post_network_info_conf&netmask=:value

Function: Sets the subnet mask of the camera.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set subnet mask

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&netmask=255.255.255.0" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_info_conf&netmask=255.255.255.0", {\n  method: 'POST'\n})
```

Request

✓ PATH PARAMETERS

value string	REQUIRED
Subnet Mask: Subnet mask in format xxx.xxx.xxx.xxx	

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

netmask string **REQUIRED**

OSD Panel Navigation

GET /cgi-bin/ptzctrl.cgi?ptzcmd&osd=:action

Function: Navigates the OSD panel with up, down, left, right.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Navigate OSD panel with direction commands

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&osd=up"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/ptzctrl.cgi?ptzcmd&osd=up")
```

Request

✓ PATH PARAMETERS

action osdAction

REQUIRED

Possible values: [up, down, left, right]

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

OSD Panel Commands

GET /cgi-bin/param.cgi?navigate_mode=:mode

Function: Commands to open, close, confirm, or go back with the OSD panel.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Send command "PTZ" to camera to open the OSD panel.

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?navigate_mode&PTZ"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?navigate_mode&PTZ")
```

Request

✓ PATH PARAMETERS

mode osdMode

REQUIRED

Possible values: [OSD, PTZ, CONFIRM, OSD_BACK]

OSD = Opens/ Close OSD panel

PTZ = Opens/ Close OSD Panel

CONFIRM = Confirms Entry or navigates to the next OSD panel window.

OSD_BACK = Navigates to the previous OSD panel window.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

HTTP Port

POST /cgi-bin/param.cgi?post_network_other_conf&httpport=:value

Function: Change the HTTP Port number to a designated value. Default: 80, allowed range: 1025-65535.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Change the HTTP Port to 1025

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?
post_network_other_conf&httpport=1025"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?
post_network_other_conf&httpport=1025")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 1025` and `<= 65535`

Enter a value to change the HTTP Port. Default: 80, allowed range: 1025-65535.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

TCP Port

POST

/cgi-bin/param.cgi?post_network_other_conf&ptzport=:value

Function: Change the TCP Port number to a designated value. Default: 5678, 1025-65535.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Change the TCP Port to 1025

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?
post_network_other_conf&ptzport=1025"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?
post_network_other_conf&ptzport=1025")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 1025` and `<= 65535`

Enter a value to change the TCP Port. Default: 5678, 1025-65535.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

UDP Port

POST /cgi-bin/param.cgi?post_network_other_conf&udpport=:value

Function: Change the UDP Port number to a designated value. Default: 1259, 1025-65535.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro
- Studio 4K

Example: Change the UDP Port to 5678

curl:

```
curl "http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?
post_network_other_conf&udpport=5678"
```

JavaScript:

```
fetch("http://CAMERA-IP-ADDRESS/cgi-bin/param.cgi?
post_network_other_conf&udpport=5678")
```

Request

✓ PATH PARAMETERS

value integer

REQUIRED

Possible values: `>= 1025` and `<= 65535`

Enter a value to change the UDP Port. Default: 1259, 1025-65535.

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

View Login Credentials

GET /cgi-bin/param.cgi?get_system_conf

Function: Gets the system configuration settings.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl: curl "http://CAMERA-IP/cgi-bin/param.cgi?get_system_conf"

JavaScript: fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_system_conf")

Response:

```
\{
  "status": 200,
  "data": \{
    "username": "admin",
    "userpasswd": "e00cf25ad42683b3df678c61f42c6bda",
    "guestlock": "1",
    "guestname": "guest",
    "guestpasswd": "084e0343a0486ff05530df6c705c8bb4",
    "workmode": "RTSP",
    "httpauth": "0",
    "tallymode": "redclosegreenclose"
  }
}
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

status	number	REQUIRED
Possible values: [200]		
▼ data	object	REQUIRED
username	string	REQUIRED
userpasswd	string	REQUIRED
guestlock	string	REQUIRED
guestname	string	REQUIRED
guestpasswd	string	REQUIRED
workmode	string	REQUIRED
httpauth	string	REQUIRED
tallymode	string	REQUIRED

View Advanced Image Settings

GET /cgi-bin/param.cgi?get_advance_image_conf

Function: Gets the advanced image configuration settings.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl: curl "http://CAMERA-IP/cgi-bin/param.cgi?get_advance_image_conf"

JavaScript: fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_advance_image_conf")

Response:

```
focus_mode="1"
focus_zone="1"
focus_sens="2"
focuslimit="0"
furthestpos="11"
nearestpos="0"
focus_mode="1"
exposure_mode="11"
expcomp_mode="2"
expcomp_level="4"
backlight="3"
antiflicker="2"
bright="7"
gain_limit="5"
manual_gain="2"
meter="0"
drc="3"
shutter="5"
iris="12"
wb_mode="0"
rgain_tuning="8"
bgain_tuning="13"
```

```
rgain="56"
bgain="43"
saturation="3"
hue="8"
temperature="40"
style="0"
luminance="8"
sharpness="9"
contrast="9"
blackwhite_mode="0"
imageOrientation="0"
nr3d="9"
nr2d="0"
default_language="English"
focus_mode_status="unlock"
presetautoscan="3"
presetfreeze="3"
tallymode="1"
presetinspection="3"
trackbox="4"
autotrack="0"
zoommode="0"
digitalzoom="0"
motionsync="2"
inversionMode="2"
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

status	number	REQUIRED
Possible values: [200]		
▼ data	object	REQUIRED

focus_mode	string	REQUIRED
focus_zone	string	REQUIRED
focus_sens	string	REQUIRED
focuslimit	string	REQUIRED
furthestpos	string	REQUIRED
nearestpos	string	REQUIRED
exposure_mode	string	REQUIRED
expcomp_mode	string	REQUIRED
expcomp_level	string	REQUIRED
backlight	string	REQUIRED
antiflicker	string	REQUIRED
bright	string	REQUIRED
gain_limit	string	REQUIRED
manual_gain	string	REQUIRED
meter	string	REQUIRED
drc	string	REQUIRED
shutter	string	REQUIRED
iris	string	REQUIRED
wb_mode	string	REQUIRED
rgain_tuning	string	REQUIRED
bgain_tuning	string	REQUIRED
rgain	string	REQUIRED
bgain	string	REQUIRED
saturation	string	REQUIRED
hue	string	REQUIRED
temperature	string	REQUIRED
style	string	REQUIRED
luminance	string	REQUIRED

sharpness	string	REQUIRED
contrast	string	REQUIRED
blackwhite_mode	string	REQUIRED
image0orientation	string	REQUIRED
nr3d	string	REQUIRED
nr2d	string	REQUIRED
default_language	string	REQUIRED
focus_mode_status	string	REQUIRED
presetautoscan	string	REQUIRED
presetfreeze	string	REQUIRED
tallymode	string	REQUIRED
presetinspection	string	REQUIRED
trackbox	string	REQUIRED
autotrack	string	REQUIRED
zoommode	string	REQUIRED
digitalzoom	string	REQUIRED
motionsync	string	REQUIRED
inversionMode	string	REQUIRED

View Audio Settings

GET /cgi-bin/param.cgi?get_media_audio

Function: Gets the audio configuration settings.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?get_media_audio"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_media_audio")
```

Response:

```
audio_switch="1"
aeformat="AAC"
adts_flag="0"
samplerate="48"
streamrate="128"
audioinput="linein"
vol_left_in="15"
vol_right_in="15"
volume_value="6"
lineout_volume="20"
lineout_switch="0"
usbaudio_switch="1"
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

SchemaExample (auto)

SCHEMA

status	number	REQUIRED
Possible values: [200]		
data	object	REQUIRED
audio_switch	string	REQUIRED
aeformat	string	REQUIRED
adts_flag	string	REQUIRED
samplerate	string	REQUIRED
streamrate	string	REQUIRED
audioinput	string	REQUIRED
vol_left_in	string	REQUIRED
vol_right_in	string	REQUIRED
volume_value	string	REQUIRED
lineout_volume	string	REQUIRED
lineout_switch	string	REQUIRED
usbaudio_switch	string	REQUIRED

View Camera Device Information

GET /cgi-bin/param.cgi?get_device_conf

Function: Gets the device configuration information.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl: curl "http://CAMERA-IP/cgi-bin/param.cgi?get_device_conf"

JavaScript: fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_device_conf")

Response:

```
\{
  "status": 200,
  "data": \{
    "devname": "ptzopticsmove4k",
    "devtype": "VX60AS",
    "mirrors": "https://firmware.ptzoptics.com/",
    "versioninfo": "SOC v0.0.85 - ARM 6.2.42SHIS",
    "serial_num": "q1i09250211",
    "device_model": "F51.HI"
  }
}
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

status	number	REQUIRED
Possible values: [200]		
▼ data	object	REQUIRED
devname	string	REQUIRED
devtype	string	REQUIRED
mirrors	string	REQUIRED
versioninfo	string	REQUIRED
serial_num	string	REQUIRED
device_model	string	REQUIRED

View Image Adjustments

GET /cgi-bin/param.cgi?get_image_conf

Function: Gets the image configuration settings.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?get_image_conf"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_image_conf")
```

Response:

```
style="0"  
luminance="8"  
sharpness="9"  
contrast="9"  
blackwhite_mode="0"  
imageOrientation="0"  
presetautoscan="3"  
presetfreeze="3"  
tallymode="1"  
presetinspection="3"  
trackbox="4"  
autotrack="0"  
zoommode="0"  
digitalzoom="0"  
motionsync="2"
```

```
inversionMode="2"
trackswitch="0"
trackmode="tracking"
boundingbox="4"
trackcomposition="median"
tracksens="median"
trackzoom="2"
trackdelay="0"
trackdelaytime="25"
trackstart="39"
trackstop="-1"
losstimeout="35"
losspreset="22"
bright="8"
saturation="3"
contrast="9"
sharpness="9"
hue="8"
ldc="0"
flip="0"
mirror="0"
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

✓ SCHEMA

status number REQUIRED

Possible values: [200]

▼ **data** object REQUIRED

style string REQUIRED

luminance string REQUIRED

sharpness	string	REQUIRED
contrast	string	REQUIRED
blackwhite_mode	string	REQUIRED
imageOrientation	string	REQUIRED
presetautoscan	string	REQUIRED
presetfreeze	string	REQUIRED
tallymode	string	REQUIRED
presetinspection	string	REQUIRED
trackbox	string	REQUIRED
autotrack	string	REQUIRED
zoommode	string	REQUIRED
digitalzoom	string	REQUIRED
motionsync	string	REQUIRED
inversionMode	string	REQUIRED
trackswitch	string	REQUIRED
trackmode	string	REQUIRED
boundingbox	string	REQUIRED
trackcomposition	string	REQUIRED
tracksens	string	REQUIRED
trackzoom	string	REQUIRED
trackdelay	string	REQUIRED
trackdelaytime	string	REQUIRED
trackstart	string	REQUIRED
trackstop	string	REQUIRED
losstimeout	string	REQUIRED
losspreset	string	REQUIRED
bright	string	REQUIRED
saturation	string	REQUIRED

hue	string	REQUIRED
ldc	string	REQUIRED
flip	string	REQUIRED
mirror	string	REQUIRED

Query IR Channel

GET

/cgi-bin/param.cgi?query_ir_info

Function: Gets the IR channel setting.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl: curl "http://CAMERA-IP/cgi-bin/param.cgi?query_ir_info"

JavaScript: fetch("http://CAMERA-IP/cgi-bin/param.cgi?query_ir_info")

Response:

IR_Channel="1"

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

IR_Channel

string

REQUIRED

View Current Set Language

GET /cgi-bin/param.cgi?get_language_conf

Function: Gets the language configuration.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl: curl "http://CAMERA-IP/cgi-bin/param.cgi?get_language_conf"

JavaScript: fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_language_conf")

Response:

```
\{
  "status": 200,
  "data": \{
    "default_language": "English",
    "focus_mode_status": "unlock",
    "isndi": "1",
    "isdante": "0",
    "streaming": "1",
    "standby": "1",
    "is_root_user": "0",
    "focusmode": "afocus"
  }
}
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

status	number	REQUIRED
Possible values: [200]		
▼ data	object	REQUIRED
default_language	string	REQUIRED
focus_mode_status	string	REQUIRED
isndi	string	REQUIRED
isdante	string	REQUIRED
streaming	string	REQUIRED
standby	string	REQUIRED
is_root_user	string	REQUIRED
focusmode	string	REQUIRED

Verify Login Status

GET /cgi-bin/param.cgi?get_login_info

Function: Gets the login information and status.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?get_login_info"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_login_info")
```

Response:

```
\{
  "status": 200,
  "data": \{
    "is_login": "0"
  }
}
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

—	status number	_____	REQUIRED
	Possible values: [200]		
—	▼ data object	_____	REQUIRED
	—		
	— is_login string	_____	REQUIRED

View NDI Information

GET /cgi-bin/param.cgi?get_ndi_info

Function: Gets the NDI configuration settings.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl: curl "http://CAMERA-IP/cgi-bin/param.cgi?get_ndi_info"

JavaScript: fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_ndi_info")

Response:

```
\{
  "status": 200,
  "data": \{
    "channelName": "Chan1",
    "group": "Public",
    "discovery_en": "0",
    "discovery_server": "192.168.1.2",
    "multicast_en": "0",
    "multicast_ip": "239.255.0.10",
    "multicast_mask": "255.255.0.0",
    "multicast_ttl": "1",
    "fullndi_en": "0",
    "ndi": "PT5.1.1"
  }
}
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

status	number	REQUIRED
Possible values: [200]		
▼ data	object	REQUIRED
channelName	string	REQUIRED
group	string	REQUIRED
discovery_en	string	REQUIRED
discovery_server	string	REQUIRED
multicast_en	string	REQUIRED
multicast_ip	string	REQUIRED
multicast_mask	string	REQUIRED
multicast_ttl	string	REQUIRED
fullndi_en	string	REQUIRED
ndi	string	REQUIRED

View Serial Number

GET /cgi-bin/param.cgi?get_serial_number

Function: Gets the camera serial number.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl: curl "http://CAMERA-IP/cgi-bin/param.cgi?get_serial_number"

JavaScript: fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_serial_number")

Response:

```
\{
  "status": 200,
  "data": "q1i09250211"
\}
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

status	number	REQUIRED
Possible values: [200]		
data	string	REQUIRED

View Tally State

GET /cgi-bin/param.cgi?get_tally_status

Function: Gets the current tally status.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?get_tally_status"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_tally_status")
```

Response:

```
\{
  "status": 200,
  "data": \{
    "tally": "Off",
    "standby": "0",
    "privacy": "0",
    "objs": [
      \{
        "ID": "1",
        "X": 113,
        "Y": 9,
        "Width": 372,
        "Height": 350
      }
    ]
  }
}
```



```
"shoulddraw": "0",
"target": "0"
\}
\}
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

SCHEMA

status	number	REQUIRED
Possible values: [200]		
data	object	REQUIRED
tally	string	REQUIRED
standby	string	REQUIRED
privacy	string	REQUIRED
objs	object[]	REQUIRED
Array [		
ID	string	REQUIRED
X	string	REQUIRED
Y	string	REQUIRED
Width	string	REQUIRED
Height	string	REQUIRED
]		
shoulddraw	string	REQUIRED

target string

REQUIRED

View Video Output Settings

GET /cgi-bin/param.cgi?get_media_video

Function: Gets the video configuration settings.

Camera Compatibility:

- Move 4K
- Link 4K

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?get_media_video"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?get_media_video")
```

Response:

```
hdm_i_sdi="1"
vinorm="60"
ndi_mode="265P60"
advanced="off"
protocol_1="H265"
profile="mainprofile"
size_1="PIC_HD1080"
bps_1="500000"
qfactor_1="20"
fps_1="60"
gop_1="20"
rcmode_1="CBR"
imagegrade_1="1"
slice_en_1="0"
slice_mode_1="1"
```

```
slice_size1="68"
protocol_2="H264"
size_2="PIC_640_360"
bps_2="2048"
qfactor_2="20"
fps_2="30"
gop_2="60"
rcmode_2="CBR"
imagegrade_2="1"
slice_en_2="0"
slice_mode_2="1"
slice_size2="15"
usbprotocol="H265"
usbwidth="1920"
usbheight="1080"
usbframerate="60"
vi_framerate="60"
dial_support_4K_en="1"
dial_support_framerate="60"
dial_format="0"
uhd4k="1"
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

SCHEMA

status	number	REQUIRED
Possible values: [200]		
data	object	REQUIRED
hdmi_sdi	string	REQUIRED
vinorm	string	REQUIRED

ndi_mode	string	REQUIRED
advanced	string	REQUIRED
protocol_1	string	REQUIRED
profile	string	REQUIRED
size_1	string	REQUIRED
bps_1	string	REQUIRED
qfactor_1	string	REQUIRED
fps_1	string	REQUIRED
gop_1	string	REQUIRED
rcmode_1	string	REQUIRED
imagegrade_1	string	REQUIRED
slice_en_1	string	REQUIRED
slice_mode_1	string	REQUIRED
slice_size1	string	REQUIRED
protocol_2	string	REQUIRED
size_2	string	REQUIRED
bps_2	string	REQUIRED
qfactor_2	string	REQUIRED
fps_2	string	REQUIRED
gop_2	string	REQUIRED
rcmode_2	string	REQUIRED
imagegrade_2	string	REQUIRED
slice_en_2	string	REQUIRED
slice_mode_2	string	REQUIRED
slice_size2	string	REQUIRED
usbprotocol	string	REQUIRED
usbwidth	string	REQUIRED
usbheight	string	REQUIRED

usbframerate	string	REQUIRED
vi_framerate	string	REQUIRED
dial_support_4K_en	string	REQUIRED
dial_support_framerate	string	REQUIRED
dial_format	string	REQUIRED
uhd4k	string	REQUIRED

RTP Multicast Address

POST /cgi-bin/param.cgi?post_network_other_conf&multi_rtp_addr=:value

Function: Sets the RTP multicast IP address.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set multicast address

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&multi_rtp_addr=239.0.0.1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&multi_rtp_addr=239.0.0.1", {\method: 'POST'})
```

Request

✓ PATH PARAMETERS

value string	REQUIRED
Multicast IP Address: Valid multicast address in IPv4 format (e.g., 239.0.0.1)	

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

address string **REQUIRED**

RTP Multicast Enable

POST

/cgi-bin/param.cgi?post_network_other_conf&multicast_en=:enable_state

Function: Enables or disables RTP multicast streaming.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Values:

- 0: Disable multicast streaming
- 1: Enable multicast streaming

Example: Enable multicast streaming

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&multicast_en=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&multicast_en=1", {\method: 'POST'})
```

Request

▼ PATH PARAMETERS

enable_state integer

REQUIRED

Multicast Enable:

0: Disabled (Off)

1: Enabled (On)

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

enable integer

REQUIRED

RTP Multicast Port

POST

/cgi-bin/param.cgi?post_network_other_conf&multi_rtp_port=:port

Function: Sets the RTP multicast port.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set multicast port

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&multi_rtp_port=5004" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&multi_rtp_port=5004", {\method: 'POST'})
```

Request

▼ PATH PARAMETERS

port integer

Multicast Port: Range: 1025-65535

REQUIRED

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

port integer REQUIRED

RTP Multicast TTL

POST /cgi-bin/param.cgi?post_network_other_conf&multi_ttl=:value

Function: Sets the RTP multicast Time-To-Live (TTL) value.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set multicast TTL

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&multi_ttl=5" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&multi_ttl=5",\n  {\n    method: 'POST'\n  })
```

Request

✓ PATH PARAMETERS

value integer	REQUIRED
Multicast Time-To-Live (TTL): Range: 1-255 Controls how many network hops the multicast packets can traverse	

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

ttl integer REQUIRED

ONVIF Authentication

POST

/cgi-bin/param.cgi?post_network_other_conf&onvif_auth_en=:auth_state

Function: Enables or disables ONVIF authentication.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Values:

- 0: Off
- 1: On

Example: Enable ONVIF authentication

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&onvif_auth_en=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&onvif_auth_en=1", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

auth_state integer	REQUIRED
ONVIF Authentication:	
0: Disabled (Off)	

1: Enabled (On)

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Enable ONVIF

POST /cgi-bin/param.cgi?post_network_other_conf&onvif_en=:enable_state

Function: Enables or disables ONVIF.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Values:

- 0: Off
- 1: On

Example: Enable ONVIF

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&onvif_en=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&onvif_en=1",\n  {\n    method: 'POST'\n  })
```

Request

▼ PATH PARAMETERS

enable_state integer

REQUIRED

ONVIF Enable:

0: Disabled (Off)

1: Enabled (On)

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

RTMP Enable

POST /cgi-bin/param.cgi?post_network_other_conf&rtmp:stream_num_en=:enable_state

Function: Enables or disables RTMP streaming for the specified stream.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Values:

- 0: Disable RTMP streaming
- 1: Enable RTMP streaming

Example: Enable RTMP streaming for stream 1

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtmp1_en=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtmp1_en=1",\n  {\n    method: 'POST'\n  })
```

Request

▼ PATH PARAMETERS

stream_num integer

REQUIRED

Possible values: `>= 1` and `<= 2`

Stream number:

1: Stream 1

2: Stream 2

enable_state integer

RTMP Stream Enable:

0: Disabled (Off)

1: Enabled (On)

REQUIRED

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

enable integer

REQUIRED

RTMP Stream Key

POST

/cgi-bin/param.cgi?post_network_other_conf&rtmp:stream_num_key=:value

Function: Sets the RTMP stream key for the specified stream.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set RTMP stream key for stream 1

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtmp1_key=my-stream-key" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtmp1_key=my-stream-key", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

stream_num integer	REQUIRED
Possible values: >= 1 and <= 2	
Stream number:	
1: Stream 1	
2: Stream 2	
value string	REQUIRED
RTMP Stream Key: The authentication key for the RTMP stream.	

Example: my-stream-key

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

key string

REQUIRED

RTMP URL

POST /cgi-bin/param.cgi?post_network_other_conf&rtmp:stream_num_mrl=:value

Function: Sets the RTMP URL for the specified stream.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set RTMP URL for stream 1

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&rtmp1_mrl=rtmp://streaming-server.com/live" -H "Content-
Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&rtmp1_mrl=rtmp://streaming-server.com/live", {\method:
'POST'})
```

Request

▼ PATH PARAMETERS

stream_num integer

REQUIRED

Possible values: and

Stream number:

1: Stream 1

2: Stream 2

value string

REQUIRED

RTMP Stream URL (MRL): The URL where the RTMP stream will be published.
Example: rtmp://streaming-server.com/live/stream-key

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

url string

REQUIRED

RTSP Authentication

POST

/cgi-bin/param.cgi?post_network_other_conf&rtsp_auth_en=:auth_state

Function: Updates the RTSP authentication setting.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Authentication values:

- 0: Off
- 1: On

Example: Enable RTSP authentication

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtsp_auth_en=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtsp_auth_en=1", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

auth_state integer RTSP Authentication: 0: Disabled (Off)	REQUIRED
---	----------

1: Enabled (On)

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values:	[Success]	

RTSP Port

POST

/cgi-bin/param.cgi?post_network_other_conf&rtsp_port=:value

Function: Updates the RTSP port setting.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Default: 554 Port Range: 1025-65535

Example: Set RTSP port to 8554

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtsp_port=8554" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&rtsp_port=8554", {\method: 'POST'})
```

Request

▼ PATH PARAMETERS

value

integer

REQUIRED

RTSP Port: Default: 554 Range: 1025-65535

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

SRT Bandwidth Overhead

POST

/cgi-bin/param.cgi?post_network_other_conf&srt_bw_precent=:value

Function: Updates the SRT bandwidth overhead percentage.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Bandwidth Overhead values:

- Range: 5-100 (5%-100%)

Example: Set SRT bandwidth overhead to 25%

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_bw_precent=25" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_bw_precent=25", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

value integer

SRT Bandwidth Overhead: Range: 5-100 (5%-100%)

REQUIRED

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Enable SRT

POST /cgi-bin/param.cgi?post_network_other_conf&srt_en=:enable_state

Function: Updates the SRT enable status.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Values:

- 0: Off
- 1: On

Example: Enable SRT streaming

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_en=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_en=1", {\n  method: 'POST'})
```

Request

▼ PATH PARAMETERS

enable_state integer

REQUIRED

SRT Enable:

0: Disabled (Off)

1: Enabled (On)

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

SRT Encryption

POST /cgi-bin/param.cgi?post_network_other_conf&srt_passsid=:encryption_type

Function: Updates the SRT encryption setting.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Encryption values:

- 0: Off
- 1: AES-128
- 2: AES-192
- 3: AES-256

Example: Set SRT encryption to AES-128

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_passsid=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_passsid=1", {\method: 'POST'})
```

Request

✓ PATH PARAMETERS

encryption_type integer

REQUIRED

SRT Encryption:

0: Off

1: AES-128

2: AES-192

3: AES-256

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

SRT Variable Latency

POST

/cgi-bin/param.cgi?post_network_other_conf&srt_latency=:value

Function: Updates the SRT latency setting.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Latency values:

- Range: 20-8000ms

Example: Set SRT latency to 120ms

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_latency=120" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_latency=120", {\method: 'POST'})
```

Request

▼ PATH PARAMETERS

value integer

SRT Variable Latency: Range: 20-8000ms

REQUIRED

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

SRT Mode

POST

/cgi-bin/param.cgi?post_network_other_conf&srt_mode=:mode_value

Function: Sets the SRT mode.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Mode values:

- caller: Caller mode
- listener: Listener mode

Example: Set SRT mode to caller

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_mode=caller" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_mode=caller", {\method: 'POST'})
```

Request

▼ PATH PARAMETERS

mode_value string

REQUIRED

SRT Mode:

caller: Caller mode

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values:	[Success]	

SRT Password

POST /cgi-bin/param.cgi?post_network_other_conf&srt_passtr=:value

Function: Sets the SRT password for encrypted streams.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set SRT password

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_passtr=secretpass" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_passtr=secretpass", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

value string	REQUIRED
SRT Password: Password for encrypted SRT streams	

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

password string REQUIRED

SRT Port

POST

/cgi-bin/param.cgi?post_network_other_conf&srt_port=:port

Function: Updates the SRT port setting.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Default: 6516 Port Range: 1025-65535

Example: Set SRT port to 5000

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_port=5000" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_port=5000", {\method: 'POST'})
```

Request

▼ PATH PARAMETERS

port

string

REQUIRED

SRT Port: Default: 6516 Range: 1025-65535

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

SRT Server

POST /cgi-bin/param.cgi?post_network_other_conf&srt_server=:value

Function: Sets the SRT server address.

Camera Compatibility:

- Move 4K (4K)
- Link 4K (LK)
- Move SE (SE)
- StudioPro (SP)

Example: Set the SRT server address

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_server=192.168.1.100" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_network_other_conf&srt_server=192.168.1.100", \{method: 'POST'\})
```

Request

✓ PATH PARAMETERS

value string	REQUIRED
SRT Server: Server address to connect to in caller mode	

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

SRT Stream ID

POST /cgi-bin/param.cgi?post_network_other_conf&srt_streamid_str=:value

Function: Sets the SRT stream ID.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set SRT stream ID

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_streamid_str=stream123" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_network_other_conf&srt_streamid_str=stream123", {\n  method: 'POST'\n})
```

Request

✓ PATH PARAMETERS

value string	REQUIRED
SRT Stream ID: Unique identifier for the SRT stream	

Responses

200

400

404

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Reboot camera

POST /cgi-bin/param.cgi?post_reboot

Function: Reboots the camera.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example:

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_reboot" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_reboot", {\method: 'POST'})
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Perform a complete factory reset of the camera

GET /cgi-bin/param.cgi?set_overlay&fullreset&trigger

Function: Resets all camera settings to factory defaults.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?set_overlay&fullreset&trigger"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?set_overlay&fullreset&trigger")
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Reset menu settings to default values

GET /cgi-bin/param.cgi?set_overlay&osdreset&trigger

Function: Resets the OSD menu settings to factory defaults.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?set_overlay&osdreset&trigger"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?set_overlay&osdreset&trigger")
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

Reset network settings to default values

GET /cgi-bin/param.cgi?set_overlay&networkreset&trigger

Function: Resets the network settings to factory defaults.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?set_overlay&networkreset&trigger"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?set_overlay&networkreset&trigger")
```

Request

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: [Success]

IR Remote Channel Selection

GET /cgi-bin/param.cgi?post_ir_info=&ir_id=:channel

Function: Sets the IR remote channel.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Values:

- 1: Set IR Remote Channel 1
- 2: Set IR Remote Channel 2
- 3: Set IR Remote Channel 3
- 4: Set IR Remote Channel 4

Example:

curl:

```
curl "http://CAMERA-IP/cgi-bin/param.cgi?post_ir_info=&ir_id=1"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_ir_info=&ir_id=1")
```

Request

▼ PATH PARAMETERS

channel integer
IR Remote Channel:

REQUIRED

- 1: Set IR Remote Channel 1
- 2: Set IR Remote Channel 2
- 3: Set IR Remote Channel 3
- 4: Set IR Remote Channel 4

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

SCHEMA

Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Set Advanced Video Settings

POST /cgi-bin/param.cgi?post_media_video&advanced&:mode

Function: Enables or disables advanced/hybrid video features.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Enable hybrid mode

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&advanced=hybrid" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&advanced=hybrid", {\n  method: 'POST'})
```

Request

▼ PATH PARAMETERS

mode AdvancedSetting

REQUIRED

Possible values: [off, hybrid]

Advanced settings values:

off: Disable advanced features

hybrid: Enable hybrid mode

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Set Encoding Profile

POST /cgi-bin/param.cgi?post_media_video&profile=:profile

Function: Sets the encoding profile (mainprofile, highprofile, or baseline).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set encoding profile to highprofile

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_media_video&profile=highprofile" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?
post_media_video&profile=highprofile", {\method: 'POST'})
```

Request

✓ PATH PARAMETERS

profile EncodingProfile

REQUIRED

Possible values: [mainprofile, highprofile, baseline]

Encoding profile values:

mainprofile: Standard profile

highprofile: High-quality profile

baseline: Basic profile for greater compatibility

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Set HDMI/SDI Output

POST /cgi-bin/param.cgi?post_media_video&hdmi_sdi&:output

Function: Sets output to either HDMI or SDI.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Set output to HDMI

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&hdmi_sdi=1" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&hdmi_sdi=1", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

output HDMI_SDIPost

REQUIRED

Possible values: [0, 1]

HDMI/SDI output values:

0: SDI

1: HDMI

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Set Refresh Rate

POST /cgi-bin/param.cgi?post_media_video&vinorm&:refresh_rate

Function: Sets camera refresh rate (50Hz, 60Hz, or dial).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set refresh rate to 60Hz

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&vinorm=60" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&vinorm=60", {\n  method: 'POST'})
```

Request

▼ PATH PARAMETERS

refresh_rate RefreshRate

REQUIRED

Possible values: [50, 60, dial]

Refresh rate values:

50: 50Hz

60: 60Hz

dial: Auto-detect based on lighting

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Set Stream Bitrate Control Mode

POST /cgi-bin/param.cgi?post_media_video&rcmode_:stream_num&:control_mode

Function: Sets the bitrate control mode for a stream (CBR or VBR).

Camera Compatibility:

- Move 4K
- Link 4K

Example: Set Stream 1 to variable bitrate mode

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&rcmode_1=VBR"
-H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&rcmode_1=VBR", \
{method: 'POST'})
```

Example: Set Stream 2 to constant bitrate mode

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&rcmode_2=CBR"
-H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&rcmode_2=CBR", \
{method: 'POST'})
```

Request

▼ PATH PARAMETERS

stream_num integer	REQUIRED
Possible values: <code>>= 1</code> and <code><= 2</code>	
Stream number:	
1: Stream 1 (Primary stream)	
2: Stream 2 (Secondary stream)	
control_mode BitrateControl	REQUIRED
Possible values: <code>CBR: Constant Bitrate</code> , <code>VBR: Variable Bitrate</code>	
Bitrate control values:	
CBR: Constant Bitrate	
VBR: Variable Bitrate	

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response object	REQUIRED
Result string	REQUIRED
Possible values: <code>Success</code>	

Set Stream Bitrate

POST /cgi-bin/param.cgi?post_media_video&bps_:stream_num&:bitrate

Function: Sets the video bitrate for a stream (in kbps).

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set Stream 1 bitrate to 6000 kbps

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&bps_1=6000" -  
H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&bps_1=6000", \  
{method: 'POST'})
```

Example: Set Stream 2 bitrate to 2048 kbps

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&bps_2=2048" -  
H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&bps_2=2048", \
{method: 'POST'})
```

Request

▼ PATH PARAMETERS

stream_num integer

REQUIRED

Possible values: `>= 1` and `<= 2`

Stream number:

1: Stream 1 (Primary stream)

2: Stream 2 (Secondary stream)

bitrate integer<int32>

REQUIRED

Bitrate in kbps. Range: 32~102400

Recommended values:

4K: 8000-30000

1080p: 2000-8000

720p: 1000-4000

480p: 500-2000

360p: 250-1000

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: `Success`

Set Stream Encoding Protocol

POST /cgi-bin/param.cgi?post_media_video&protocol_:stream_num&:protocol

Function: Sets the encoding protocol for a stream.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE (H264 and H265 only)

Example: Set Stream 1 encoding to H.265

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_media_video&protocol_1=H265" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&protocol_1=H265", \
{method: 'POST'})
```

Example: Set Stream 2 encoding to H.264

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_media_video&protocol_2=H264" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&protocol_2=H264", \
{method: 'POST'})
```

Request

▼ PATH PARAMETERS

stream_num integer	REQUIRED
Possible values: <code>>= 1</code> and <code><= 2</code>	
Stream number:	
1: Stream 1 (Primary stream)	
2: Stream 2 (Secondary stream)	
protocol StreamEncodingProtocol	REQUIRED
Possible values: <code>H264</code> , <code>H265</code> , <code>MJPEG (Does not apply to SE)</code>	
Protocol values:	
H264	
H265	
MJPEG (Does not apply to SE)	

Responses

200

The request has succeeded.

APPLICATION/JSON

SchemaExample (auto)

▼ SCHEMA

▼ Response object	REQUIRED
Result string	REQUIRED
Possible values: <code>Success</code>	

Set Stream Frame Rate

POST /cgi-bin/param.cgi?post_media_video&fps_:stream_num&:framerate

Function: Sets the frame rate for a stream.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set Stream 1 frame rate to 30 fps

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&fps_1=30" -H
"Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&fps_1=30", {\method:
'POST'})
```

Example: Set Stream 2 frame rate to 15 fps

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&fps_2=15" -H
"Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&fps_2=15", {\method:
'POST'\})
```

Request

▼ PATH PARAMETERS

stream_num integer

REQUIRED

Possible values: `>= 1` and `<= 2`

Stream number:

1: Stream 1 (Primary stream)

2: Stream 2 (Secondary stream)

framerate integer<int32>

REQUIRED

Frame rate values in fps. Range: 1~60 Common values:

60: 60fps (highest quality)

30: 30fps (standard)

15: 15fps (lower bandwidth)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object

REQUIRED

Result string

REQUIRED

Possible values: `[Success]`

Set Stream I Keyframe Interval

POST /cgi-bin/param.cgi?post_media_video&gop_:stream_num&:keyframe_interval

Function: Sets the I-frame (keyframe) interval for a stream.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set Stream 1 keyframe interval to 60 frames

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&gop_1=60" -H
"Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&gop_1=60", {\method:
'POST'})
```

Example: Set Stream 2 keyframe interval to 30 frames

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&gop_2=30" -H
"Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&gop_2=30", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

stream_num integer REQUIRED

Possible values: `>= 1` and `<= 2`

Stream number:

1: Stream 1 (Primary stream)

2: Stream 2 (Secondary stream)

keyframe_interval integer<int32> REQUIRED

Keyframe interval range: 1~1200

Lower values = more keyframes, better seeking, higher bitrate

Higher values = fewer keyframes, more efficient compression

Recommended values: 30-60 (1-2 seconds at 30fps)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object REQUIRED

Result string REQUIRED

Possible values: `[Success]`

Set Stream QFactor

POST /cgi-bin/param.cgi?post_media_video&qfactor_:stream_num&qfactor

Function: Sets the MJPEG QFactor for a stream (1-99). Only applies if protocol is set to MJPEG.

Camera Compatibility:

- Move 4K
- Link 4K

Example: Set Stream 1 QFactor to 50

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&qfactor_1=50"  
-H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&qfactor_1=50", \  
{method: 'POST'})
```

Example: Set Stream 2 QFactor to 70

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&qfactor_2=70"  
-H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&qfactor_2=70", \  
{method: 'POST'})
```

Request

▼ PATH PARAMETERS

stream_num integer	REQUIRED
Possible values: >= 1 and <= 2	
Stream number:	
1: Stream 1 (Primary stream)	
2: Stream 2 (Secondary stream)	
qfactor integer<int32>	REQUIRED
QFactor value range: 1-99	
Lower values = higher quality	
Higher values = lower file size	
Recommended value: 50	

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema Example (auto)

▼ SCHEMA

▼ Response object	REQUIRED
Result string	REQUIRED
Possible values: Success	

Set Stream Resolution

POST /cgi-bin/param.cgi?post_media_video&size_:stream_num&:resolution

Function: Sets the resolution for a stream.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Available resolutions depend on which stream you're configuring:

- Stream 1: All resolutions available
- Stream 2: Limited to smaller resolutions

Example: Set Stream 1 resolution to 1080p

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
post_media_video&size_1=PIC_HD1080" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&size_1=PIC_HD1080",
\{method: 'POST'\})
```

Example: Set Stream 2 resolution to 720p

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?
```

```
post_media_video&size_2=PIC_HD720" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&size_2=PIC_HD720", {\n  method: 'POST'\})
```

Request

▼ PATH PARAMETERS

stream_num integer REQUIRED

Possible values: `>= 1` and `<= 2`

Stream number:

1: Stream 1 (Primary stream)

2: Stream 2 (Secondary stream)

resolution StreamResolution REQUIRED

Possible values: `PIC_UHD4K`, `PIC_HD1080`, `PIC_HD720`, `PIC_HD576`, `PIC_960_540`, `PIC_D1`, `PIC_720_408`, `PIC_VGA`, `PIC_640_360`, `PIC_480_320`, `PIC_QVGA`

Resolution values:

Stream 1 supported resolutions:

PIC_UHD4K - 3840x2160 (Move/Link 4K only)

PIC_HD1080 - 1920x1080

PIC_HD720 - 1280x720

PIC_HD576 - 1024x576

PIC_960_540 - 960x540 (Only applies to SE & SP)

PIC_D1 - 720x480

PIC_720_408 - 720x408

PIC_VGA - 640x480

PIC_640_360 - 640x360

Stream 2 supported resolutions:

PIC_HD720 - 1280x720

PIC_D1 - 720x480

PIC_720_408 - 720x408

PIC_VGA - 640x480

PIC_640_360 - 640x360

PIC_480_320 - 480x320

PIC_QVGA - 320x240

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ **Response** object REQUIRED

Result string REQUIRED

Possible values: [Success]

Set Video Format for StudioPro HDMI Output

POST

/cgi-bin/param.cgi?post_media_video&hdmivideoformat&:format

Function: Sets the StudioPro's HDMI output format.

Camera Compatibility:

- Studio Pro

Example: Set video format to 1080P60

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&hdmivideoformat=1080P60" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&hdmivideoformat=1080P60", {\n  method: 'POST'\n})
```

Request

▼ PATH PARAMETERS

format

StudioProFormats

REQUIRED

Possible values: [1080P30, 1080P50, 1080P60, 720P50, 720P60]

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values:	[Success]	

Set Video Outputs

POST /cgi-bin/param.cgi?post_media_video&video_ability&:outputs

Function: Select which outputs are active (HDMI, SDI, USB, IP).

Camera Compatibility:

- Move 4K
- Move SE
- Link 4K
- Studio Pro

Example: Set active outputs to USB and HDMI/SDI

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&video_ability=USB_HDMI-SDI" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&video_ability=USB_HDMI-SDI", {\n  method: 'POST'\n})
```

Request

✓ PATH PARAMETERS

outputs VideoOutputs

REQUIRED

Possible values: [all-30fps, USB_IP, USB_HDMI-SDI, HDMI-SDI_IP]

Video output values:

all-30fps: All outputs active at 30fps

USB_IP: Only USB and IP outputs active

USB_HDMI-SDI: Only USB and HDMI/SDI outputs active

HDMI-SDI_IP: Only HDMI/SDI and IP outputs active

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values: [Success]		

Set Video Template

POST

/cgi-bin/param.cgi?post_media_video&ndi_mode&:template

Function: Applies a preset video template.

Camera Compatibility:

- Move 4K
- Link 4K
- Move SE
- Studio Pro

Example: Set video template to ultra mode

curl:

```
curl -X POST "http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&ndi_mode=ultra" -H "Content-Length: 0"
```

JavaScript:

```
fetch("http://CAMERA-IP/cgi-bin/param.cgi?post_media_video&ndi_mode=ultra", {\n  method: 'POST'})
```

Request

▼ PATH PARAMETERS

template VideoTemplate

REQUIRED

Possible values: [off, ultra, high, medium, low, 264P50, 264P60, 265P50, 265P60, dante, dante4K]

Video template values:

off: Disable IP Video

ultra: Recommended template for Move 4K, Link 4K: 60fps IP Video

high: Recommended template for 1080:60fps IP Video

medium: Recommended template for 1080:30fps IP Video

low: Recommended template for 720:30fps IP Video

264P50: NDI|HX3 H264 1080P:50fps (Does not apply to Link 4K, Move SE)

264P60: NDI|HX3 H264 1080P:60fps (Does not apply to Link 4K, Move SE)

265P50: NDI|HX3 H264 1080P:50fps (Does not apply to Link 4K, Move SE)

265P60: NDI|HX3 H264 1080P:60fps (Does not apply to Link 4K, Move SE)

dante: DanteAV-H HD 1920x1080p@60fps (Only applies to Link 4K)

dante4K: DanteAV-H 4K 3840x2160@60fps (Only applies to Link 4K)

Responses

200

The request has succeeded.

APPLICATION/JSON

Schema

Example (auto)

▼ SCHEMA

▼ Response	object	REQUIRED
Result	string	REQUIRED
Possible values:	[Success]	