

Disclaimer

Legal disclaimer

This guide and its contents (the "Guide") are provided by NXGEN. All rights to the Guide and to the intellectual property embodied in it — including, without limitation, trademarks, trade names, logos and similar marks appearing in or on it — are protected by law. All right, title and interest in the Guide and in any related intellectual property rights belong to and remain with NXGEN and its licensors.

The Guide is provided free of charge, "as is" and for informational purposes only, without warranty of any kind. It is neither intended nor suitable to establish any legal relationship between the reader and NXGEN or its affiliates, including, without limitation, any obligation of NXGEN or its affiliates toward the reader.

The obligations of NXGEN and its affiliates in respect of NXGEN products or services purchased by a customer are governed exclusively by the terms of the agreement under which those products or services were purchased.

For clarification

The reader bears the entire risk as to the use, results and performance of the Guide. To the fullest extent permitted by applicable law, NXGEN disclaims and excludes all warranties, whether statutory, express or implied — including, without limitation, implied warranties of merchantability, fitness for a particular purpose, title and non-infringement of third-party rights — as well as any liability or warranty arising from suggestions, specifications or samples related to the Guide.

Camera Controls

Updated 4 September 2026

Operations on camera controls resources. 6 endpoints, each relative to

`https://api.nxgen.cloud/api/v1` and authenticated as described under [Authentication](#).

GET /cameraControls/clipInfo

get clipinfo for timeline

Parameters

NameInTypeRequiredDescriptionidquerystringyescamera identifierstartDatequerystringyesepoch time-
endDatequerystringyesepoch time

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found

GET /cameraControls/getSnapshot

To get snapshot detail for sensor

Parameters

NameInTypeRequiredDescriptionsensorUniqueldquerystringyessensor unique iddeviceUniqueldquery-
stringyesdevice unique iddateTimequerystringnodate time

Responses

StatusDescriptionBody200Success401Unauthorized403Forbidden404Not Found

GET /cameraControls/getStream

To get streaming detail of sensor

Parameters

NameInTypeRequiredDescriptionsensorIdquerystringyes sensor idchannelIdquerystringno channel id-

startTimequerystringno start time of streamingendTimequerystringno end time of streaming

Responses

StatusDescriptionBody200Success401Unauthorized403Forbidden404Not Found

PUT /cameraControls/isolate

to isolate camera

Request body

Isolate

```
[
  {
    "id": "sensor uniqueId",
    "isIsolate": "boolean",
    "startTime": "Epoch time in milliseconds",
    "duration": "Time in minutes"
  }
]
```

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found

GET

/cameraControls/playAudio?deviceId={deviceId}&language={language}&

To play audio file

Parameters

NameInTypeRequiredDescriptiondeviceIdquerystringyeslanguagequerystringyesaudioFilequerystring-yes

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found

GET /cameraControls/presetPTZ

do PTZ / Preset

Parameters

NameInTypeRequiredDescriptionidquerystringyesactionquery"R"|"R_STOP"|"L"|"L_STOP"|"U"|"U_STOP"|"D"|"D_STOP"|"Z+"|"Z+_STOP"|"1"|"2"|"3"|"4"|"5"|"6"|"7"|"8"|"9"|"10"yesSelect any value from 1 to 10 for preset, all others for PTZcommandTypequery"ptz"|"preset"yeswebSocketPortquerystringnorequired for heitel device typemomentSpeedquerystringnoPTZ speed

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found