

Skistream GoPro Control & Video Display API

API Endpoint

POST <https://myskitool.com/skistream>

Submit Actions

These are triggered by specific 'submit' field values in the form:

setGoProGP=setGoPro

Sets skier parameters for a GoPro device.

Required Fields:

- cameraSelect - Camera ID (e.g., SHORT01!H10)
- athleteNameGP - Skier name
- athleteSpeedGP - Speed value (36mph, 34mph, etc.)
- athleteRopeGP - Rope length (15off, 22off, etc.)
- sanctionGP - Sanction or event name (optional)
- athleteID - Athlete ID (optional)
- requestMP4 - Request a specific MP4 file (optional)

sendCommand=sendCommand

Sends a command to the GoPro app or the GoPro itself.

Required Fields:

- cameraSelect - Target camera
- commandGP - Command value (HTTP URL or keyword; see command list below)

refreshGP=refreshGP

Refreshes the video table based on filters.

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Required Fields:

- cameraSelect - Target camera
- dTypeTargetGP - File type (e.g., .LRV, .MP4)
- RecentFilter - Limit to recent clips
- filt1-filt4 - Text filters
- filtcheck1-filtcheck4 - Corresponding checkboxes (0 = with, 1 = without)

Select Fields

cameraSelect - Identifies the camera (e.g., CSR01!!H10)

athleteNameGP - Identifies the skier

commandGP - Command to send to GoPro or App (see below)

athleteSpeedGP - Speed values like 36mph, 34mph, etc.

athleteRopeGP - Rope lengths like 15off, 22off, etc.

dTypeTargetGP - File type to filter (.LRV, .MP4, .JPG)

fileAgeGP - File age (1hrs, 8hrs, etc.)

fileSizeGP - Minimum file size (>8Meg, etc.)

CommandGP Values

GoPro HTTP Commands:

- <http://10.5.5.9/gp/gpControl/setting/121/6> - UpTo 15Off (N), NarrowLens
- <http://10.5.5.9/gp/gpControl/setting/121/4> - UpTo 35Off (L), LinearLens
- <http://10.5.5.9/gp/gpControl/setting/121/0> - UpTo 38Off (W), WideLens
- <http://10.5.5.9/gp/gpControl/setting/121/3> - 39Off+ (SV), SuperView
- http://10.5.5.9:8080/gopro/camera/digital_zoom?percent=10 (1.1x) ... up to 100 (2.0x)
- <http://10.5.5.9/gp/gpControl/command/shutter?p=1> - ShutterOn
- <http://10.5.5.9/gp/gpControl/command/shutter?p=0> - ShutterOff
- http://10.5.5.9/gp/gpControl/command/set_mode?p=1000 - SetToVideo
- http://10.5.5.9/gp/gpControl/command/set_mode?p=1001 - SetToPhoto

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- ...and many others

App Keyword Commands:

- AutoRecoverOn, AutoRecoverOff
- phoneGpsOn, phoneGpsOff
- trickModeOn, trickModeOff
- trickPracticeOn, trickPracticeOff
- postMobileOn, postMobileOff

Filter Fields

Used to refine the video list.

- filt1-filt4 - Keyword search strings
- filtcheck1-filt4 - 0 = With, 1 = Without
- RecentFilter - Limit table to recent video clips

Developer Notes

- Form targets 'ResponseFrameMin' iframe
- Commands are relayed to the GoPro App or local GoPro
- UI supports skier management, video filtering, and camera control