

## SKISERVLET API DESCRIPTION (SkiStream\_API\_General.docx or .pdf)

- GoPro App
  - GET: CheckServer
  - POST: CheckIfPosted
  - POST: PostFile
- GoProQuickAccess.html Page (see SkiStream\_API\_Documentation\_Styled.docx or .pdf)
  - POST: refreshGP=refreshGP
  - POST: setGoproGP=setGoPro
  - POST: sendCommand=sendCommand
- EwscData.html Page
  - POST: ewscDataForm=<Various Options>
- Desktop App
  - Uses a combination of the above

‘CheckServer’ GET sample

[\(https://myskitool.com/skistream?NodeJS=NodeJS&phone=0&WiFi=CSR00002&RemainSD=33569024&Battery=ChargingFull&CameraMode=Video&Recording=NotRecording&RemainVideo=63&VideoResolution=4000&VideoLens=Wide&VideoStab=ONE&PhotoLens=&GpTime2=2025-03-30\(10:14:25\)&Lake=Shortline&BoatPos=SouthDropSlow&Camera=CSR02!!!H10&PhoneGps=trueB-33T-27.0M:MptCS&Version=3-27-25-\(w/Offline-NullFix\)&SetName=\[Custom\]\[\]\[\]\(82\)\(NotRecording\)](https://myskitool.com/skistream?NodeJS=NodeJS&phone=0&WiFi=CSR00002&RemainSD=33569024&Battery=ChargingFull&CameraMode=Video&Recording=NotRecording&RemainVideo=63&VideoResolution=4000&VideoLens=Wide&VideoStab=ONE&PhotoLens=&GpTime2=2025-03-30(10:14:25)&Lake=Shortline&BoatPos=SouthDropSlow&Camera=CSR02!!!H10&PhoneGps=trueB-33T-27.0M:MptCS&Version=3-27-25-(w/Offline-NullFix)&SetName=[Custom][][](82)(NotRecording))

Starter link: <https://myskitool.com/skistream?NodeJS=NodeJS> if you click on this, you get a response, but as no parameters were set (ie the response is blank as no camera is specified)

If you set a camera [myskitool.com/skistream?NodeJS=NodeJS&Camera=CSR02!!!H10](https://myskitool.com/skistream?NodeJS=NodeJS&Camera=CSR02!!!H10)

The response will include information for that camera (in this case, the Skier name and a Command had been set, which get included in the response on the next request but then cleared.)

GoProName:[AdamThorne] GoProSpeed:[36mph] GoProRope:[LL] EwscdName:[] EwscdSpeed:[] EwscdRope:[] EwscdEvent:[] GoProRequestMP4:[] GoProSanction:[] GoProFileTypeTarget:[.LRV] GoProFileAge:[1hrs] GoProFileSize:[>8Meg] GoProCommand:[http://10.5.5.9/gp/gpControl/setting/121/6]

### **THAT IS THE LIST OF PARAMETERS THAT THE SERVER KEEPS FOR EVERY CAMERA:**

The EwscdXXXX:[] values are set by either the DesktopApp or the EwscdData.html page, which ‘relay’ the WSC scoring values for the ‘active’ or ‘just skied’ skier, so that the GoProApp can include in the .TXT file

The GoProXXXX:[] values are set by the GoProQuickAccessApp (and now planned for the ExPoGo App)

## POSSIBLE PARAMETERS SENT TO SERVER WHEN GOPRO APP DOES A 'CHECKSERVER' GET

- &phone=0
- &WiFi=CSR00002
- &RemainSD=33569024
- &Battery=ChargingFull
- &CameraMode=Video
- &Recording=NotRecording
- &RemainVideo=63
- &VideoResolution=4000
- &VideoLens=Wide
- &VideoStab=ONE
- &PhotoLens=
- &GpTime2=2025-03-30(10:14:25)
- &Lake=Shortline
- &BoatPos=SouthDropSlow
- &Camera=CSR02!!!H10
- &PhoneGps=trueB-33T-27.0M:MptCS
- &Version=3-27-25-(w/Offline-NullFix)
- &SetName=[Custom][](82)(NotRecording)

## EWSCDATA.HTML INTERACTION WITH /SKISERVLET

Two methods of communicating, HTTP (to send information) and SocketIO(WSC) (to receive information)

**HTTP:** All done through the “postCommand(type, param1, param2, timeJS)” function. Depending on the WSC message, it sends the described data. It receives a response, but does not do anything with it.

**SOCKETIO(WSC):** It received data through the “socket.on('myskitool\_server\_data', function (messageRaw){...})”