

camera.switchWifi

The app sends this command to the camera to provide it with credentials to access an infrastructure Wi-Fi with access to the Internet. The command includes a pre-shared secret key *K* that the app will later use to authenticate itself with the camera after both devices have switched to the infrastructure Wi-Fi. *This command was added in API level 2.1 and is relevant to Direct Upload*

(<https://developers.google.com/streetview/open-spherical-camera/guides/direct-upload?hl=zh-cn>).

Parameters

- **preSharedKey**: A randomly generated 256-bit key used for authenticating the camera with the app after both are connected to the infrastructure Wi-Fi. For example, `RAND_bytes()` from OpenSSL can be used to generate this.
- **wifiSsid**: Wi-Fi SSID.
- **wifiPwd**: Wi-Fi password, if any.

Results



- This command returns no result.

Errors



- **missingParameter**: Some parameter, for example, **preSharedKey** is missing.
- **invalidParameterName**: One or more input parameter names are unrecognized.
- **invalidParameterValue**: Input parameter names are recognized but one or more passed value are invalid. For example, the **wifiPwd** is passed in as an integer instead of a string.

Command I/O

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Command Input	<pre>{ "parameters": { "preSharedKey": "random key", "wifiSsid": "home Wi-Fi", "wifiPwd": "wifi password" } }</pre>	 
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Command Output	none	 
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Command Output (Error)	<pre>{ "error": { "code": "missingParameter", "message": "Parameter preSharedKey is missing." } }</pre>	 
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