**API documentation**

This is the API documentation for a video face-shift interface. Upload the cloud addresses of an audio file and a video file, as well as a secret key, to receive the API interface for the synthesized video.

**POST service request**

**URL address**

http://api.twinsync.xyz:51916/faceswap\_video

**Request method**

POST

**Request parameters**

| **Parameter name** | **Type** | **Required or not** | **Description** |
| --- | --- | --- | --- |
| image\_url | string | Yes | Cloud address of the photo file |
| video\_url | string | Yes | Cloud address of the video file |
| key | string | Yes | String used to verify customer information |

**Response example**

{

"task\_id": "20230423\_11\_23\_05\_10279",

"result\_code": 100,

"msg": " SUCCESS! The video is currently in the queue waiting to be processed."

}

**Error code**

| **Error code** | **Description** |
| --- | --- |
| 200 | Request parameter error or incomplete |
| 201 | Invalid or missing secret key |
| 202 | Invalid or missing cloud address for audio or video file |
| 203 | Internal server error (for example: video conversion failure, storage failure) |

**GET to retrieve status**

**URL address**

http://api.twinsync.xyz:51916/faceswap\_video?taskID=\*\*\*

**Request method**

GET

**Response example**

{

"result\_url": "http:// api.twinsync.xyz:41748/example/20230423\_11\_23\_05\_10279.mp4",

"result\_code": 100,

"msg": "taskID:20230423\_11\_23\_05\_10279 has been completed, and the output video url is: http:// api.twinsync.xyz:41748/example/20230423\_11\_23\_05\_10279.mp4"

}

**Status code**

| **Status code** | **Description** |
| --- | --- |
| 101 | The task is in a waiting state |
| 102 | The task is in a running state |
| 103 | The task is in a successful state |
| 104 | The task is in a failed state |
| 200 | The taskID field is missing or the field is not in the service queue |