Back to Gallery

Schema

fal-ai/**kling-video/v1.6/pro/image-to-video**

Image to Video v1.6 (pro)

Generate video clips from your images using Kling 1.6 (pro)

Inference Partner API $ Commercial use

Playground **API** More

Table of contents

Python

1. Calling the API

- Install the client
- Setup your API Key
- Submit a request

2. Authentication

- API Key

3. Queue

- Submit a request
- Fetch request status
- Get the result

4. Files

- Data URI (base64)
- Hosted files (URL)
- Uploading files

5. Schema

- Input
- Output
- Other

About

Kling 1.6 (pro) Image to Video API.

1. Calling the API

Install the client

The client provides a convenient way to interact with the model API.

```
pip install fal-client
```

Setup your API Key

Set `FAL_KEY` as an environment variable in your runtime.

```
export FAL_KEY="YOUR_API_KEY"
```

Submit a request

The client API handles the API submit protocol. It will handle the request status updates and return the result when the request is completed.

Python | Python (async)

```
import fal_client

def on_queue_update(update):
    if isinstance(update, fal_client.InProgress):
        for log in update.logs:
           print(log["message"])

result = fal_client.subscribe(
    "fal-ai/kling-video/v1.6/pro/image-to-video",
    arguments={
        "prompt": "A stylish woman walks down a Tokyo street filled
with warm glowing neon and animated city signage. She wears a black
leather jacket, a long red dress, and black boots, and carries a
```

```
black purse.",
        "image_url":
"https://fal.media/files/panda/TuXlMwArpQcdYNCLAEM8K.webp"
    },
    with_logs=True,
    on_queue_update=on_queue_update,
)
print(result)
```

2. Authentication

The API uses an API Key for authentication. It is recommended you set the `FAL_K environment variable in your runtime when possible.

API Key

> **Protect your API Key**
>
> When running code on the client-side (e.g. in a browser, mobile app or GUI applications), make sure to not expose your `FAL_KEY`. Instead, **use a server-side proxy** to make requests to the API. For more information, check out our server-side integration guide.

3. Queue

> **Long-running requests**
>
> For long-running requests, such as *training* jobs or models with slower inference times, it is recommended to check the Queue status and rely on Webhooks instead of blocking while waiting for the result.

Submit a request

The client API provides a convenient way to submit requests to the model.

Python | Python (async)

```python
import fal_client

handler = fal_client.submit(
    "fal-ai/kling-video/v1.6/pro/image-to-video",
    arguments={
        "prompt": "A stylish woman walks down a Tokyo street filled
with warm glowing neon and animated city signage. She wears a black
leather jacket, a long red dress, and black boots, and carries a
black purse.",
        "image_url":
"https://fal.media/files/panda/TuXlMwArpQcdYNCLAEM8K.webp"
    },
    webhook_url="https://optional.webhook.url/for/results",
)

request_id = handler.request_id
```

Fetch request status

You can fetch the status of a request to check if it is completed or still in progress.

Python | Python (async)

```python
status = fal_client.status("fal-ai/kling-video/v1.6/pro/image-to-
video", request_id, with_logs=True)
```

Get the result

Once the request is completed, you can fetch the result. See the Output Schema for the expected result format.

Python | Python (async)

```python
result = fal_client.result("fal-ai/kling-video/v1.6/pro/image-to-
video", request_id)
```

4. Files

Some attributes in the API accept file URLs as input. Whenever that's the case you can pass your own URL or a Base64 data URI.

Data URI (base64)

You can pass a Base64 data URI as a file input. The API will handle the file decoding for you. Keep in mind that for large files, this alternative although convenient can impact the request performance.

Hosted files (URL)

You can also pass your own URLs as long as they are publicly accessible. Be aware that some hosts might block cross-site requests, rate-limit, or consider the request as a bot.

Uploading files

We provide a convenient file storage that allows you to upload files and use them in your requests. You can upload files using the client API and use the returned URL in your requests.

Python | Python (async)

```
url = fal_client.upload_file("path/to/file")
```

Read more about file handling in our file upload guide.

5. Schema

Input

`prompt` string * required

`image_url` string * required

`duration` DurationEnum

The duration of the generated video in seconds Default value: `"5"`

Possible enum values: `5, 10`

`aspect_ratio` AspectRatioEnum

The aspect ratio of the generated video frame Default value: `"16:9"`

Possible enum values: `16:9, 9:16, 1:1`

```
{
  "prompt": "A stylish woman walks down a Tokyo street filled with
warm glowing neon and animated city signage. She wears a black
leather jacket, a long red dress, and black boots, and carries a
black purse.",
  "image_url":
"https://fal.media/files/panda/TuXlMwArpQcdYNCLAEM8K.webp",
  "duration": "5",
  "aspect_ratio": "16:9"
}
```

Output

`video` File * required

The generated video

```
{
  "video": {
    "url":
"https://v2.fal.media/files/36087878b0c1435bb75c19b64b7db178_output.m
p4"
  }
}
```

Other types

TextToVideoRequest

`prompt` string * required

`duration` DurationEnum

The duration of the generated video in seconds Default value: `"5"`

Possible enum values: `5, 10`

`aspect_ratio` AspectRatioEnum

The aspect ratio of the generated video frame Default value: `"16:9"`

Possible enum values: `16:9, 9:16, 1:1`

V1ImageToVideoRequest

`prompt` string * required

The prompt for the video

`image_url` string * required

URL of the image to be used for the video

`duration` DurationEnum

The duration of the generated video in seconds Default value: `"5"`

Possible enum values: `5, 10`

`aspect_ratio` AspectRatioEnum

The aspect ratio of the generated video frame Default value: `"16:9"`

Possible enum values: `16:9, 9:16, 1:1`

`tail_image_url` string

URL of the image to be used for the end of the video Default value: `"false"`

`static_mask_url` string

URL of the image for Static Brush Application Area (Mask image created by users using the motion brush)

`dynamic_masks` list<DynamicMask>

List of dynamic masks

Trajectory

`x` integer * required

X coordinate of the motion trajectory

`y` integer * required

Y coordinate of the motion trajectory

DynamicMask

`mask_url` string * required

URL of the image for Dynamic Brush Application Area (Mask image created by users using the motion brush)

trajectories list<Trajectory>

List of trajectories

CameraControl

movement_type MovementTypeEnum * required

The type of camera movement

Possible enum values: `horizontal, vertical, pan, tilt, roll, zoom`

movement_value integer * required

The value of the camera movement

V1TextToVideoRequest

prompt string * required

duration DurationEnum

The duration of the generated video in seconds Default value: `"5"`

Possible enum values: `5, 10`

aspect_ratio AspectRatioEnum

The aspect ratio of the generated video frame Default value: `"16:9"`

Possible enum values: `16:9, 9:16, 1:1`

camera_control CameraControlEnum

Camera control parameters

Possible enum values: `down_back, forward_up, right_turn_forward, left_turn_forward`

advanced_camera_control CameraControl

Advanced Camera control parameters

File

url string * required

The URL where the file can be downloaded from.

content_type string

The mime type of the file.

`file_name` `string`

The name of the file. It will be auto-generated if not provided.

`file_size` `integer`

The size of the file in bytes.

`file_data` `string`

File data

Related Models

fal-ai/**kling-video/v1.5/pro/image-to-video**

`image-to-video`

Generate video clips from your images using Kling 1.5 (pro)

fal-ai/**fast-svd-lcm**

`image-to-video`

Generate short video clips from your images using SVD v1.1 at Lightning Speed

`turbo`

fal-ai/**minimax/video-01-live/image-to-video**

`image-to-video`

Generate video clips from your images using MiniMax Video model

`motion` `transformation`

Learn More

Status
Documentation
Pricing
Enterprise
Grants
About Us
Careers
Blog

Models

AuraFlow
Flux.1 [schnell]
Flux.1 [dev]
Flux Realism LoRA
Flux LoRA
Explore More

Get in touch

Playgrounds

Training

Workflows

Demos

Socials

Discord

GitHub

Twitter

Linkedin

features and labels, 2024. All Rights Reserved.