



dream-genie.ai

v1.8.0

AI Media Studio

Complete guide to AI image generation (DALL-E 3, SDXL, Imagen 4) and video generation (Google Veo 3.1) inside WordPress.

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1 Overview

The AI Media Studio is your creative hub for generating images and videos directly inside WordPress. It supports three image providers and Google's Veo 3.1 video model — all accessible from a single tabbed interface.

Capabilities:

- **Image Generation** — text-to-image with DALL-E 3, Stability AI SDXL, and Google Imagen 4
- **Video Generation** — text-to-video with Google Veo 3.1 (with native audio)
- **Art Styles** — 15+ style presets (photorealistic, anime, oil painting, pixel art, etc.)
- **Multiple Sizes** — square, landscape, portrait for images; 16:9, 9:16, 1:1 for video
- **Media Library** — all generated media is automatically saved to WordPress Media Library
- **History Gallery** — browse and re-use previously generated images

■ **NOTE:** Image generation is available on all plans. Video generation requires a Pro or Agency license.

2 Image Generation

Quick Start

1. Navigate to **dream-genie.ai** → **AI Media Studio**. The Images tab is selected by default.
2. Ensure at least one image API key is configured (OpenAI, Stability AI, or Gemini).
3. Type your prompt in the text area. Be descriptive: 'A serene mountain lake at sunset with snow-capped peaks reflected in still water, golden hour lighting, 8K photography.'
4. Select a **Provider** from the dropdown.
5. Choose a **Size** (square, landscape, or portrait).
6. Optionally select an **Art Style** preset.
7. Click **Generate**.
8. The image appears in the result panel. Click **Save to Media Library**, **Download**, or **Insert into Post**.

Prompt Writing Tips

- Be specific about subject, setting, lighting, and mood
- Include camera/photography terms: 'macro lens', 'shallow depth of field', 'golden hour'
- Mention art style if not using a preset: 'in the style of Studio Ghibli', 'hyperrealistic 3D render'
- Add quality descriptors: '8K', 'ultra-detailed', 'professional photography'
- Use negative prompts (where supported) to exclude unwanted elements

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Image Providers

Provider	Model	Best For	Cost
OpenAI	DALL-E 3	Creative, artistic, text in images	~\$0.04–0.08/image
Stability AI	SDXL 1.0	Photorealistic, character consistency	~\$0.03–0.06/image
Google Gemini	Imagen 4	Fast, high fidelity, multilingual prompts	Varies by plan

Provider Comparison

- **DALL-E 3** — best at understanding complex prompts and rendering text within images. Automatic prompt enhancement (rewrites your prompt for better results).
- **Stability AI SDXL** — best for photorealistic images, consistent characters, and precise style control. Supports negative prompts and advanced parameters.
- **Imagen 4 (Gemini)** — fast generation, good at following detailed instructions. Uses the same API key as other Gemini services.

■ **TIP:** You can use all three providers — switch between them on a per-generation basis. Different providers excel at different styles.

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Art Styles & Presets

Art style presets modify your prompt to achieve specific visual effects. They prepend style instructions to your prompt before sending to the API.

Style	Description
None	No style modification — your prompt is used as-is
Photorealistic	Ultra-realistic photography with natural lighting
Digital Art	Clean digital illustration with vibrant colors
Oil Painting	Classical oil painting texture and brushstrokes
Watercolor	Soft, translucent watercolor painting style
Anime / Manga	Japanese animation style with characteristic features
Pixel Art	Retro pixel art reminiscent of classic video games
3D Render	Photorealistic 3D rendering with depth and materials
Pencil Sketch	Hand-drawn pencil sketch with shading
Pop Art	Bold colors and graphic style inspired by Andy Warhol
Cyberpunk	Neon-lit futuristic cityscapes and characters
Fantasy	Epic fantasy art with magical elements
Minimalist	Clean, simple, geometric compositions
Comic Book	Bold lines, halftone dots, action style
Cinematic	Movie-still quality with dramatic lighting and composition

5 Image Sizes

OpenAI (DALL-E 3)

Size	Dimensions	Use Case
Square	1024 x 1024	Social media posts, profile images, thumbnails
Landscape	1792 x 1024	Blog headers, banners, YouTube thumbnails
Portrait	1024 x 1792	Pinterest pins, Instagram Stories, mobile wallpapers

Stability AI (SDXL)

Size	Dimensions	Aspect Ratio
Square	1024 x 1024	1:1
Wide	1152 x 896	~4:3
Ultra-wide	1344 x 768	~16:9
Tall	896 x 1152	~3:4
Portrait	768 x 1344	~9:16

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Advanced Options

Option	Available In	Description
Negative Prompt	Stability AI	What to exclude: 'blurry, low quality, text, watermark'
Guidance Scale (CFG)	Stability AI	How closely to follow the prompt (1–30, default 7)
Steps	Stability AI	Denosing steps (20–50, more = higher quality but slower)
Seed	Stability AI	Fixed seed for reproducible results
Quality	DALL-E 3	Standard or HD (HD costs more but higher detail)
Style	DALL-E 3	Natural or Vivid (vivid = more dramatic, saturated)
Prompt Enhancement	DALL-E 3	On by default — OpenAI rewrites your prompt for better results

■ **TIP:** For consistent results (e.g., same character across images), use Stability AI with a fixed seed. DALL-E 3 does not support seeds.

7 History & Gallery

Every generated image is saved to your history. The gallery view shows thumbnails with the prompt, provider, and date for each generation.

- Click any image to view full-size with all generation parameters
- Re-use a prompt: click **Use This Prompt** to load it back into the generator
- Regenerate: click **Regenerate** to create a new variation with the same settings
- Download: save the full-resolution image to your computer
- Delete: remove from history (the Media Library copy remains)
- Filter by provider, date range, or search by prompt text

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Video Generation

Video generation uses Google Veo 3.1 to create videos from text prompts — with native audio (dialogue, sound effects, music) generated automatically.

Requirements

- **Pro or Agency license** — video generation is a premium feature
- **Google Gemini API key** configured in Settings
- Internet connection (videos are generated on Google's servers)

Quick Start

1. Click the **Video** tab in AI Media Studio.
2. Type your video prompt: 'A drone flying over a tropical beach at sunset, waves crashing, cinematic 4K.'
3. Select a **Model**: Veo 3.1 (with audio), Veo 3.1 Fast, or Veo 2.
4. Choose **Aspect Ratio**: 16:9 (landscape), 9:16 (portrait/mobile), or 1:1 (square).
5. Set **Duration**: 5–15 seconds.
6. Click **Generate Video**.
7. Wait for processing (typically 60–120 seconds). A progress bar shows the status.
8. The video appears in the result panel. It auto-plays with controls. Click Download or view in Media Library.

■ **NOTE:** Videos are generated on Google's servers and then downloaded to your WordPress Media Library. The generation process runs asynchronously — you can navigate away and come back.

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Video Models

Model	Quality	Speed	Audio	Best For
Veo 3.1	Highest	~90–120s	Native audio (dialogue, SFX, music)	Cinematic content, ads, presentations
Veo 3.1 Fast	Good	~30–60s	Native audio	Quick iterations, drafts, social media
Veo 2	Standard	~60–90s	No audio	Simple animations, backgrounds, B-roll

Video Prompt Tips

- Describe the **scene** in detail: setting, lighting, time of day, weather
- Specify **camera movement**: 'dolly forward', 'crane shot', 'slow pan left'
- Include **audio descriptions** (Veo 3.1): 'birds chirping', 'upbeat electronic music', 'narrator says...'
- Mention **style**: 'cinematic', '4K documentary', 'hand-drawn animation', 'time-lapse'
- Keep prompts under 1,024 characters — concise prompts tend to produce better results
- For **dialogue**: 'A man in a suit turns to camera and says: "Welcome to our store."'

10 Video Settings

Setting	Options	Default
Model	Veo 3.1, Veo 3.1 Fast, Veo 2	Veo 3.1
Aspect Ratio	16:9 (landscape), 9:16 (portrait), 1:1 (square)	16:9
Duration	5–15 seconds	8 seconds
Negative Prompt	Text describing what to exclude	Empty

API Endpoint Details

Video generation uses the Google Gemini API (generativelanguage.googleapis.com). Authentication is via the `x-goog-api-key` header. The process is asynchronous:

1. POST to `/v1beta/models/{model}:predictLongRunning` to start generation
2. Receive an operation name (e.g., `operations/generate-video-abc123`)
3. Poll `GET /v1beta/{operation_name}` every 10 seconds until `done:true`
4. Extract the video URI from the response and download with API key header
5. Save to WordPress Media Library with correct MIME type detection

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Playback & Download

When a video finishes generating:

- It auto-plays in the result panel with standard HTML5 video controls
- Playback uses your WordPress media URL — no Google authentication needed
- Click **Download** to save the file directly to your computer
- Click **View in Media Library** to open it in WordPress's media manager
- The video is saved with correct format detection (MP4, WebM, or MOV)

Video Formats

Format	When Used	Browser Support
MP4 (H.264)	Most common output	All browsers
WebM (VP9)	Some Veo outputs	Chrome, Firefox, Edge
MOV (QuickTime)	Rare	Safari, Chrome (partial)

12 Media Library

All generated images and videos are automatically saved to the WordPress Media Library with:

- Descriptive filename: `dreamgenie-image-1711234567.png` or `dreamgenie-video-1711234567.mp4`
- Title: 'AI Generated Image' or 'AI Generated Video'
- Correct MIME type and dimensions
- Ready to use in posts, pages, products, and featured images

13 Using Media in Content

- **Featured Image** — use a generated image as the featured image for any post or page
- **Content Blocks** — insert into Gutenberg image/video blocks
- **WooCommerce Products** — use as product images or gallery images
- **Elementor** — select from Media Library in any Elementor image widget
- **AI Flows** — the AI Image Generation action can auto-attach images to posts
- **Social Media** — download and use in social media posts

14 API Costs

You pay your AI provider directly — dream-genie.ai adds no markup.

Service	Model	Approx. Cost
OpenAI	DALL-E 3 Standard	\$0.04 / image (1024x1024)
OpenAI	DALL-E 3 HD	\$0.08 / image (1024x1024)
Stability AI	SDXL 1.0	\$0.03–0.06 / image
Google	Imagen 4	Free tier available, then per-image pricing
Google	Veo 3.1	~\$0.35 / 8-sec video (varies by resolution)
Google	Veo 3.1 Fast	~\$0.20 / 8-sec video
Google	Veo 2	~\$0.15 / 8-sec video

■ **TIP:** Token usage and API costs are tracked per-generation in the dashboard analytics. Set up budget alerts in your provider's dashboard to avoid surprises.

15 Troubleshooting

Symptom	Cause	Fix
'API Key Required' on Images tab	No image provider key configured	Add OpenAI, Stability, or Gemini key in Settings
'Pro License Required' on Video tab	Free or Starter plan	Upgrade to Pro or Agency
'Gemini API Key Required' on Video	No Gemini key configured	Add Gemini API key in Settings
Image generation is slow	HD quality or large size selected	Use standard quality or smaller size
Video generation stuck at 0%	API request failed silently	Check browser console for errors; verify Gemini key
Video won't play inline	Wrong MIME type served	Re-generate; the plugin now detects format correctly
'Rate limit' error	Too many requests per minute	Wait 60 seconds; or switch to a different provider
Content Safety rejection	Prompt violates provider's content policy	Modify prompt to remove restricted content
Images are low quality	Wrong provider for the style	Try a different provider; add quality descriptors to prompt