



Q-BOOTH

PHOTOBOOTH SYSTEM



CAPTURE • CREATE • SHARE • AUTOMATE



MANUAL GUIDE



LumaQube
TECHNOLOGY

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1. About This Guide

This guide explains all modules and features of Q-Booth version 5 (V5). QBooth is a professional photo booth software for Windows that combines photo capture, AI processing, collage layouts, motion video, printing, and result sharing to guests in a single application.

1.1 Who This Guide Is For

- **Booth Operator** — read **Chapter 3 (Getting Started)**, **Chapter 5 (Event)**, and **Chapter 9 (Gallery)**.
- **Event Designer/Coordinator** — focus on **Chapter 5 (Event Editor)** and **Chapters 6–8 (Studio)**.
- **Technician/Administrator** — focus on **Chapter 10 (Settings)**, **Chapter 11 (Licensing)**, and **Chapter 12 (Reference)**.

1.2 Major Changes from V3 to V5

Aspect	QBooth V3	QBooth V5
Navigation structure	Flat menu	Sidebar with groups: Home, Event, Studio (8 studios), Gallery, Settings, About
Working concept	Centered on templates	Centered on Event — one event encompasses templates, categories, page design, sharing, surveys, and reports
Event display design	Limited	A full Page Designer for 8 runtime pages (Welcome, Category Picker, Template Picker, Camera, Input, Processing, Result)
Studio	AI Offline, AI Online, Photo, Collage, Motion, Lenticular, Flipbook, Automation	Added support for videobooth and glambot with GoPro cameras.

1.3 Organization Basis and Scope

This guide is structured from the QBooth application.

Features intentionally not covered. Some sections exist in the code but are not yet active for users in this version — including **Kiosk Mode / Voucher Management (per-event voucher code management)** and the **Printing section in Event Editor**. Both will be covered when released.

1.4 Writing Conventions

- **Bold marks the name of a button, menu, or option visible on screen.**
- Monospace text marks a file name, folder, or typed value.
- The › mark indicates a navigation sequence, for example: Settings › Hardware › Camera 1.

2. Q-Booth at a Glance

2.1 What QBooth Does

The QBooth workflow follows three layers:

1. **Studio** — where you design a single template: what happens to the guest's photo (AI face swap, collage, boomerang video, lenticular, flipbook, and so on). The result is saved as a template file.
2. **Event** — a container that gathers multiple templates, organizes categories, designs the entire kiosk screen display, manages how results reach the guest, and records statistics.
3. **Runtime (Launch Event)** — the event runs full-screen at the booth. Guests press the button, take a photo, choose a template, and receive the result.

2.2 Module Map

Module	Function
Home	Summary of license, cloud subscription, version history, and the tutorial center.
Event	Creates, edits, runs, archives, and analyzes events.
Studio > AI Offline	AI processing on your own computer: Face Swap, Imagine, Re-Imagine, Composite.
Studio > AI Online	AI processing via a cloud provider (fal.ai / wavespeed.ai), for images and video.
Studio > Photo	A regular photo with background replacement and face restoration.
Studio > Collage	Layered layout: multiple photos, text, images, and frames on a single canvas.
Studio > Motion	Video: boomerang, 360, sequence of clips with transitions and background music.
Studio > Lenticular	Lenticular print (image changes when viewed from different angles).
Studio > Flipbook	Flip book from video recording.
Studio > Automation	Batch processing: monitor a folder, automatically process every incoming file.

Gallery	A browser for all results and camera photos across folders.
Settings	Application settings: folders, display, camera, printer, microphone, QR, and advanced.
About	Version, updates, and license management.

2.3 System Requirements

Component	Description
Operating system	Windows 10 / 11 64-bit.
Processor & RAM	Minimum 4 cores / 8 GB. For AI Offline, 8 cores / 16 GB or more is recommended.
Dedicated GPU	Optional for Basic/Pro versions but required for AI Offline (minimum Nvidia RTX 8GB VRAM). GPU mode requires the GPU Pack, downloaded from Settings > Advanced.
Storage	The core application is about 2 GB; offline AI models add tens of GB more.
Camera	Webcam/USB (including virtual cameras), Canon DSLR via EDSDK, or GoPro.
Printer	Any photo printer that has a Windows driver.
Network	Required for AI Online, Web QR cloud, Email API, and cloud license activation.

3. Getting Started

3.1 Running the Application

Run QBooth.exe from the installation folder (default: C:\QBoothPro). The splash screen appears, then the application loads the local AI engine in the background. The window title shows the version number, for example QBooth - Version : 5.3.1.0.

AI Offline Server indicator. At the bottom of the sidebar is the AI Offline Server status. Wait until it shows Online before using AI Offline Studio. If it stays offline, check Settings > Advanced > Compute Engine.

3.2 Main Interface Tour

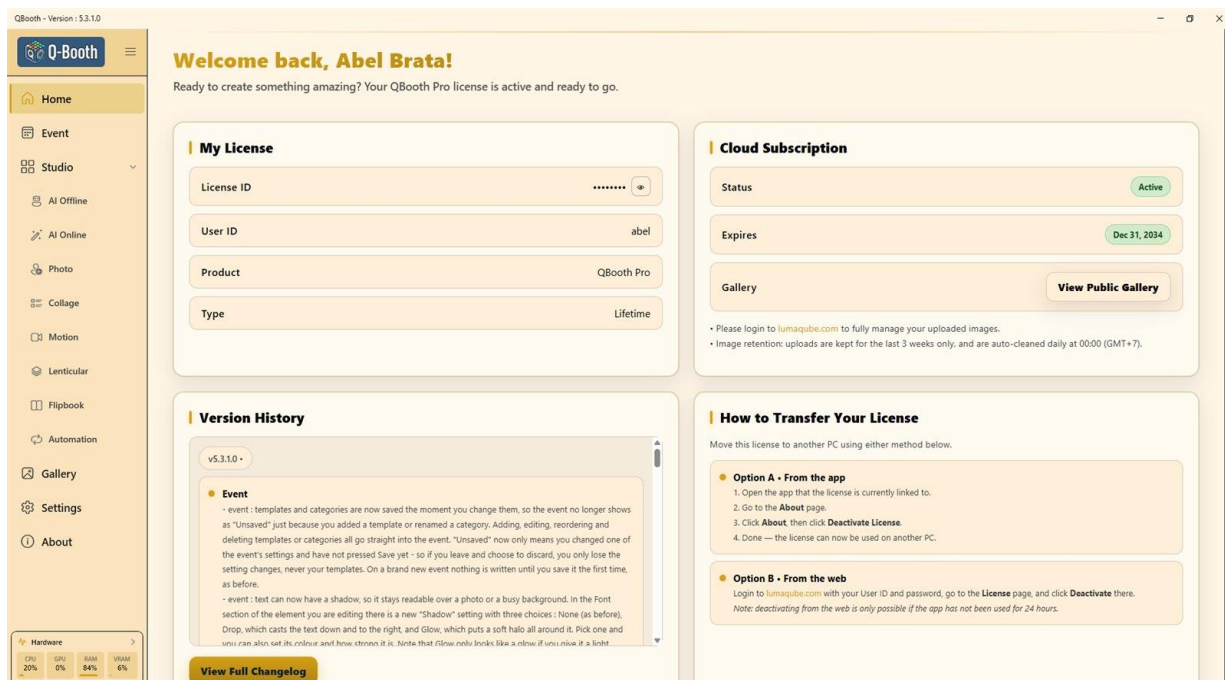


Figure 3.1 — Home page and main navigation sidebar.

The QBooth window is divided into:

1. **Left sidebar — main navigation.** The Studio group can be collapsed/expanded. Sidebar position (left/right) and navigation mode are set in Settings > General.
2. **Hardware box — live CPU, GPU, RAM, and VRAM monitor.** Click to expand hardware details.
3. **AI Offline Server status — readiness of the local AI engine.**
4. **Content area — the contents of the module currently open.**

3.3 Hamburger Menu Button

The three-line icon next to the logo collapses the sidebar to icons only, giving more room for the design canvas. When the sidebar is collapsed, pressing Studio opens the studio picker dialog.

4. Home

The Home page is the opening dashboard. It contains:

Panel	Content
My License	License ID (hidden, click the eye icon to reveal), User ID, Product, and Type (for example Lifetime).
Cloud Subscription	Cloud subscription status, expiration date, and the View Public Gallery button. Retention note: uploads are kept for the last three weeks and are automatically cleaned up daily.
Version History	List of releases along with changelogs.
How to Transfer Your License	Instructions for moving the license to another computer, either from within the application or via the portal.
Quickstart & Tutorials	Tutorial content loaded from the web within the application.

Moving a license: use About > Deactivate License on the old computer before activating it on the new computer.

5. Event Module

An Event is the main working unit of QBooth V5. A single event stores: identity and display ratio, template list, categories, the design of all kiosk pages, sharing and printing settings, frames (overlays), surveys, as well as all statistics and photo results.

5.1 Event List

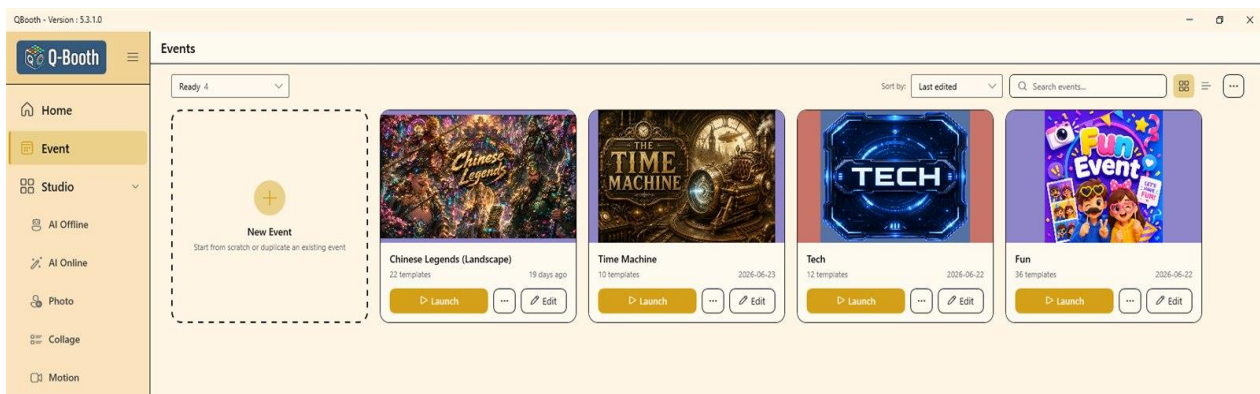


Figure 5.1 — Event list in card view.

Elements on this page:

Control	Function
Filter status (top left)	Filters events by status, such as Ready, Archived, or Trash. The number beside it shows the event count.
Sort by	Sorts the list, for example by Last edited.
Search events...	Searches by event name.
Card / list view	Two icons in the top right switch the layout between cards or rows.
New Event	Creates a new event from scratch or duplicates an existing event.
Launch	Runs the event full screen at the booth.
Edit	Opens the Event Editor.
... (ellipsis)	Additional actions on an event: duplicate, export, archive, delete.

Each card displays the event cover, name, number of templates, and the last modified date.

5.1.1 Creating a New Event

1. Click the New Event card.
2. Enter the event name. QBooth automatically generates the Event ID from that name.
3. Choose the display ratio that matches the booth monitor.
4. The event opens in the Event Editor and is ready to be populated with templates.

The Event ID cannot be changed after the event is created. This ID is used as the folder name for storing results and the event database.

5.2 Event Editor — Structure

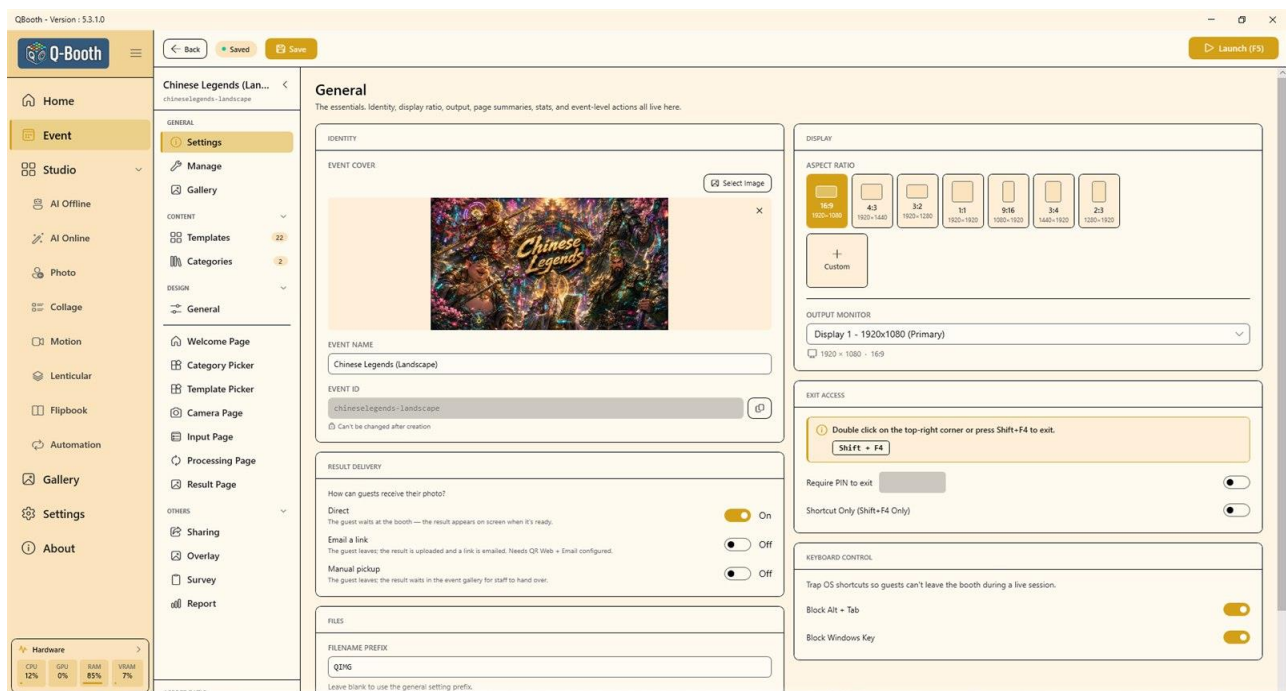


Figure 5.2 — Event Editor, General page.

The Event Editor has three parts: the action row at the top, the section list on the left, and the content panel on the right.

5.2.1 Top Action Bar

Control	Function
Back	Return to the event list. If there are unsaved changes, QBooth asks whether to discard them.
Saved / Unsaved	Storage status indicator.
Save	Saves all event changes.

Launch (F5)	Runs the event directly from the editor.
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5.2.2 Section List on the Left

Group	Page	Content
GENERAL	Settings	Identity, aspect ratio, result delivery, file folder, exit access, keyboard controls.
	Manage	Export, backup, archive, reset, delete, and activity log.
	Gallery	All photos and videos resulting from this event.
CONTENT	Templates	List of templates used by the event.
	Categories	Template grouping.
DESIGN	General	Design settings across pages.
	Welcome Page	Welcome / idle screen.
	Category Picker	Category selection page.
	Template Picker	Template selection page.
	Camera Page	Photo capture screen.
	Input Page	Guest input page (name, email, and similar fields).
	Processing Page	Waiting screen during processing.
	Result Page	Result screen: print, send, retry.
OTHERS	Sharing	Print controls, Web QR, QR on image, email composer.
	Overlay	Frame per ratio for the entire event.
	Survey	Short questionnaire for guests.

	Report	Statistics and report export.
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At the bottom of the left panel, the active event's ASPECT RATIO is shown, for example 16:9 landscape.

5.3 GENERAL › Settings

5.3.1 Identity

Column	Description
Event Cover	Cover image shown on the event list card. Use Select Image to choose one, or the cross icon to remove it.
Event Name	Displayed name.
Event ID	An internal identifier, used as the folder name. It cannot be changed after creation; a copy button is available.

5.3.2 Result Delivery — How Guests Receive Photos

Three modes can be enabled individually or simultaneously:

Mode	Behavior
Direct	The guest waits at the booth; the result appears on screen as soon as it's done.
Email a link	The guest may leave; the result is uploaded and its link sent by email. Requires Web QR and Email to already be configured.
Manual pickup	The guest leaves; the result waits in the event gallery to be handed over by staff. Requires no configuration at all.

Three important things about this mode:

- If two or more modes are enabled, the guest is asked to choose the method themselves at the kiosk. If only one is enabled, that mode is used without asking.
- Results always go into the event gallery regardless of the selected mode, so there is no dead-end condition.
- If Email a link is enabled but Web QR has not been set up, the editor displays a warning; at runtime, the email path is skipped and the result still goes into the gallery.

These settings apply to the entire event. Each template can override them via the gear icon in the Templates list — choose to follow the event settings or define its own combination.

5.3.3 Files

Column	Description
Filename Prefix	Result file name prefix. Leave blank to use the global prefix from Settings.
External Result Folder	A copy of every result is also written to this folder. The main result folder remains inside the event folder.
Print Archive Folder	A digital copy is saved here every time a print is sent to the printer.

5.3.4 Display

Column	Description
Aspect Ratio	Ratio presets: 16:9 (1920×1080), 4:3 (1920×1440), 3:2 (1920×1280), 1:1 (1920×1920), 9:16 (1080×1920), 3:4 (1440×1920), 2:3 (1280×1920), as well as Custom for a free size.
Output Monitor	Screen where the event is run. The selected screen resolution and aspect ratio are shown as confirmation.

Choose the event ratio according to the booth monitor's orientation. This ratio becomes the canvas for all design pages and determines which overlay frame is used.

5.3.5 Exit Access

Sets how the operator exits kiosk mode:

- Default: double-click the top-right corner, or press Shift + F4.
- **Require PIN to exit** — asks for a PIN before exiting; the PIN is entered in the field beside it.
- **Shortcut Only (Shift+F4 Only)** — disables double-click so only the keyboard shortcut applies.

5.3.6 Keyboard Control

Blocks system shortcuts so guests cannot exit the booth while a session is in progress:

- **Block Alt + Tab**
- **Block Windows Key**

5.4 GENERAL › Manage

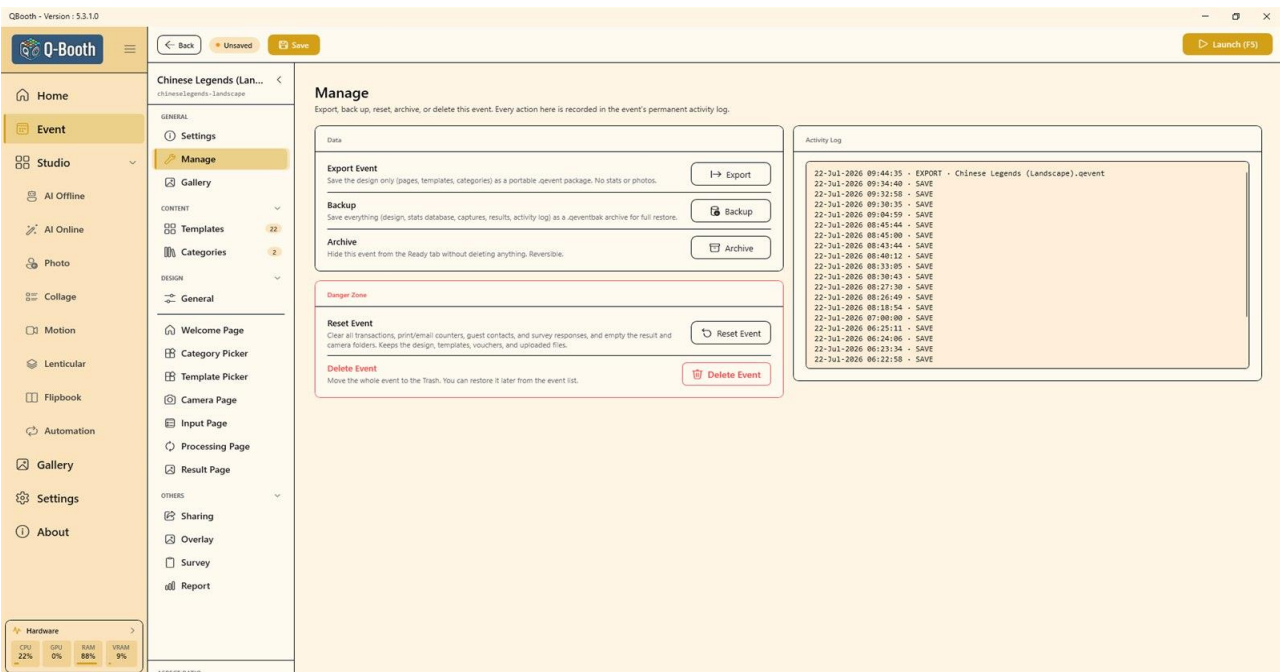


Figure 5.3 — Manage page with Data, Danger Zone, and Activity Log.

5.4.1 Data

Action	Description
Export Event	Saves only the design (pages, templates, categories) as an easily transferable .qevent package. Without statistics and without photos.
Backup	Saves everything (design, statistics database, captured results, activity log) as a .qeventbak archive for full recovery.
Archive	Hides the event from the Ready tab without deleting anything. Can be undone.

5.4.2 Danger Zone

Action	Description
Reset Event	Deletes all transactions, print/email counters, guest contacts, and survey answers, and clears the result and camera folders. Designs, templates, vouchers, and uploaded files are retained.
Delete Event	Moves the entire event to Trash. It can still be restored from the event list.

Perform Backup before Reset Event. Reset permanently deletes result photos from the event folder.

5.4.3 Activity Log

A permanent record of all important actions on the event: CREATE, SAVE, EXPORT, and so on, complete with timestamps and the file names involved.

5.5 GENERAL › Gallery

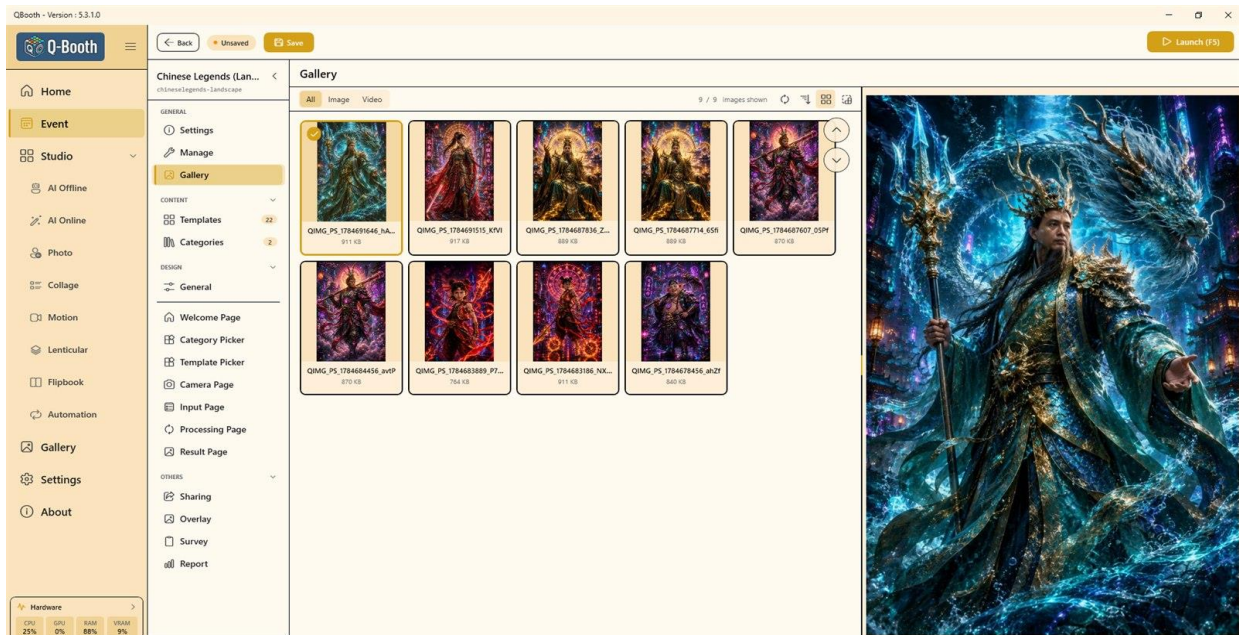


Figure 5.3b — Result gallery belonging to an event.

Display all results from this event in a grid. Available controls:

- Filter type: All, Image, Video.
- Item count display, for example 9 / 9 images shown.
- Full file path of selected item is displayed on the bottom row.
- **Delete, Delete Multiple, and Share to resend results to guests.**

5.6 CONTENT › Templates

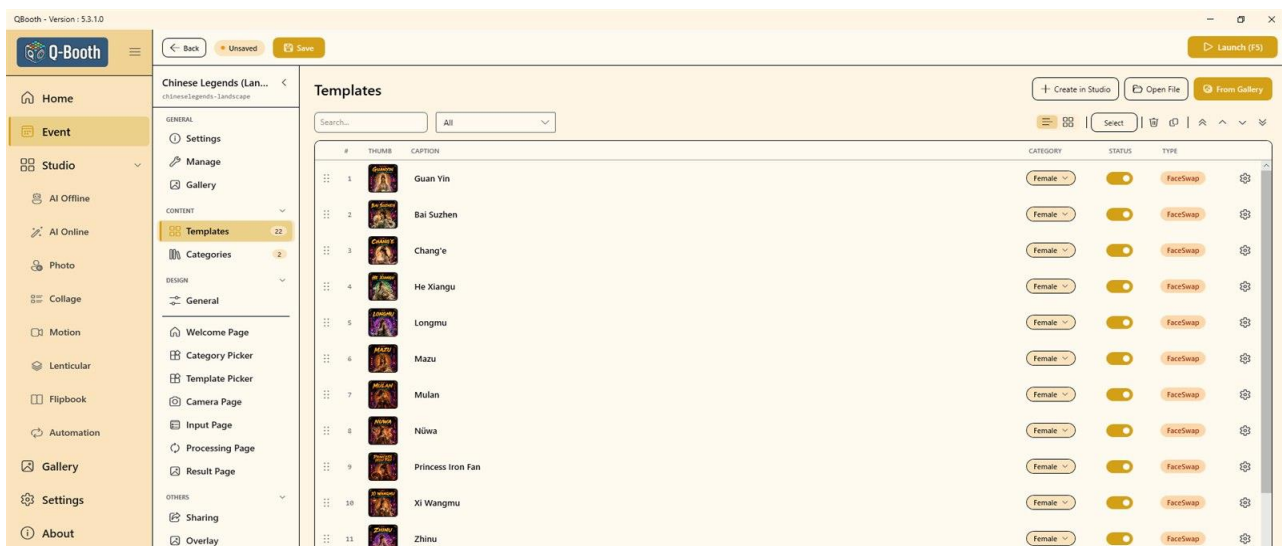


Figure 5.4 — Template list within an event.

This page manages templates that guests will see in the Template Picker.

5.6.1 Adding a Template

Button	Description
Create in Studio	Opens the studio to create a new template, then returns it to this event.
Open File	Adds an existing template file from disk. The file filter accepts .qso, .qsp, .qsd, .qsc, .qsl, .qsm, .qsb, and .qsf (see the file format table in Chapter 18.2).
From Gallery	Fetches a template from QBooth's built-in Template Gallery.

5.6.2 List Columns

Column	Description
#	Display order. Drag the handle on the left of the row to change the order.
THUMB	Template preview image.
CAPTION	Title seen by the guest; can be edited directly in the row.
CATEGORY	Category under which this template is grouped.
STATUS	Active/inactive switch. Inactive templates do not appear in the kiosk.
TYPE	Template type, for example FaceSwap, Collage, Motion.
Gear icon	Advanced settings specific to that template within the event.

The toolbar provides search, category filter, list/card view toggle, Select button for multiple selection, delete, duplicate, and order movement buttons (up/down/top/bottom).

5.7 CONTENT › Categories

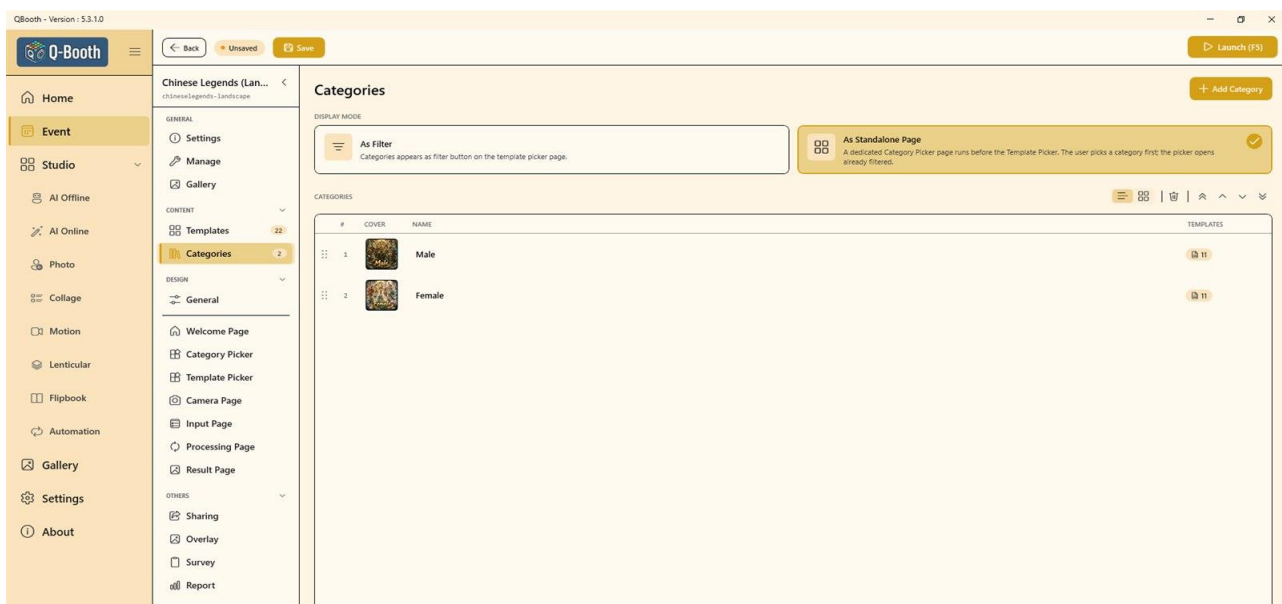


Figure 5.5 — Category management.

5.7.1 Display Mode

Mode	Behavior in kiosk
As Filter	Category appears as a filter button on the Template Picker page.
As Standalone Page	A separate Category Picker page runs before the Template Picker. The guest selects a category first, then the picker opens already filtered.

5.7.2 Category List

Columns: sequence number, COVER (category image), NAME (directly editable), and TEMPLATES (number of templates within). Use Add Category to add, and drag rows to arrange order.

5.8 DESIGN — Page Designer

The DESIGN section is the kiosk display designer. Each runtime page has its own canvas sized to the event ratio, and you compose it like a graphic design application.

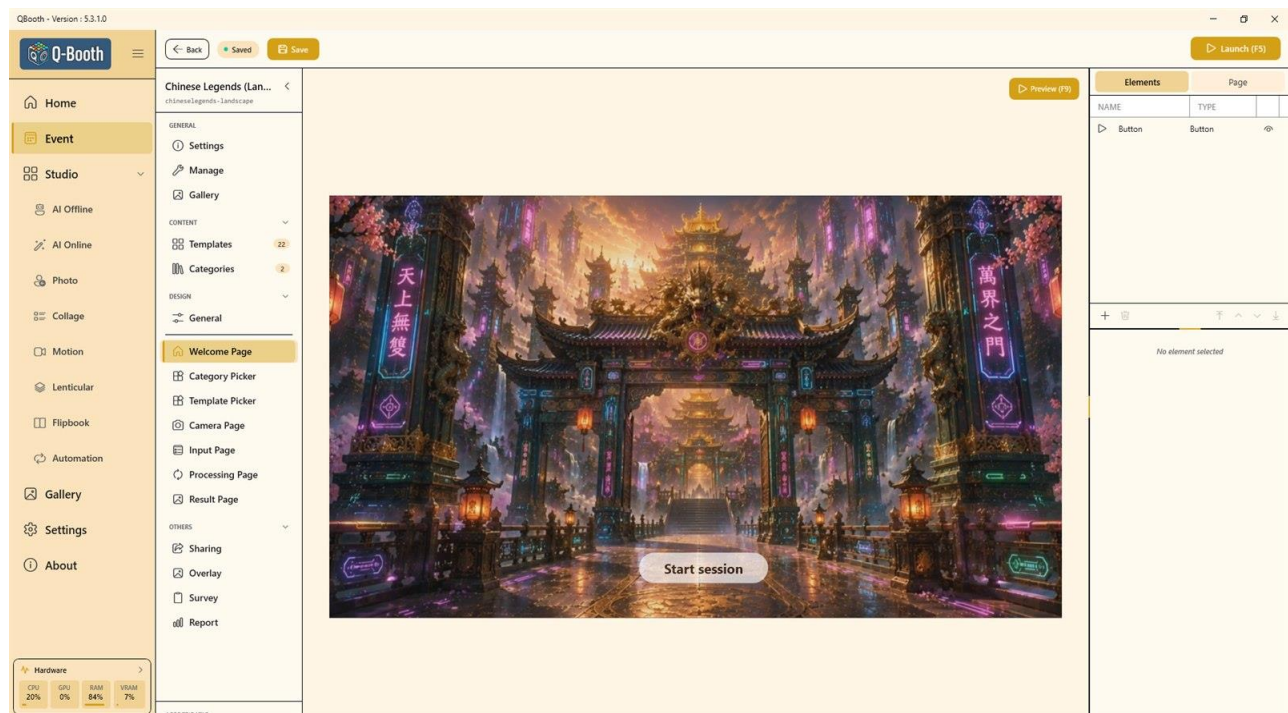


Figure 5.6 — Page Designer on Welcome Page. Canvas in the center, Elements panel on the right.

5.8.1 Designer Layout

Section	Function
Canvas	An actual preview of the page. Elements can be selected, moved, and resized directly.
Preview (F9)	Displays only this page in full screen for a quick check.
Tab Elements	List of all elements on the page: NAME column, TYPE column, and an eye icon to hide/show.
Tab Page	Overall page settings (background, audio, idle video).
Element toolbar row	Add element (+), delete (trash), and four layer-ordering buttons: bring to front, move up, move down, send to back.
Properties panel	Appears below the list when an element is selected; contains that element's properties.

5.8.2 Page Tab — Page Settings

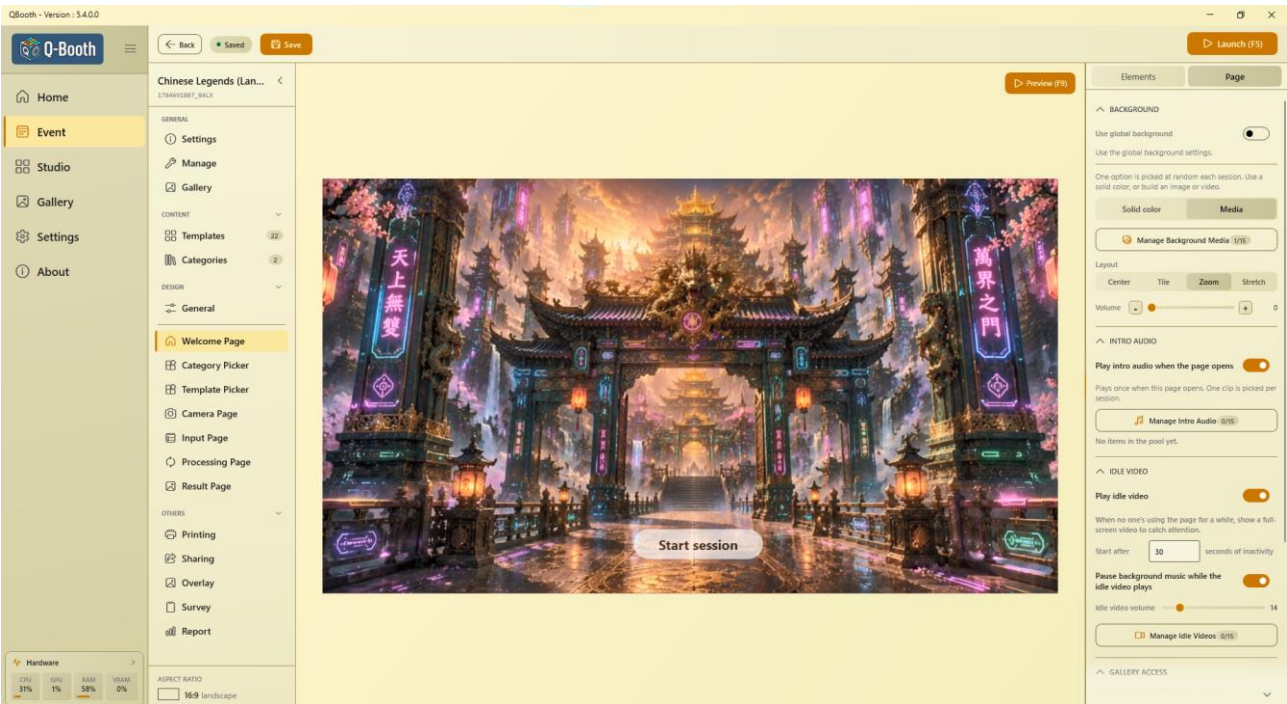


Figure 5.7 — Page Tab: Background, Intro Audio, Idle Video, Gallery Access.

Group	Description
Background	Use global background follows the event's global background. When turned off, choose Solid color or Media. For media, Manage Background Media holds up to 15 files; one is chosen at random each session. Layout: Center, Tile, Zoom, Stretch. Volume controls the sound when the background is a video.
Intro Audio	Plays audio once when the page opens. The file set is managed via Manage Intro Audio (maximum 15); one clip is selected per session.
Idle Video	Displays a full-screen video when the page is untouched for the number of seconds set in Start after. An option is available to pause background music during the idle video, along with a separate volume setting. The video set is managed via Manage Idle Videos.
Gallery Access	Additional path to open the event gallery from this page.

5.8.3 Runtime Pages

General (DESIGN)

Design settings that apply across pages: global background, button style, and base event color theme.

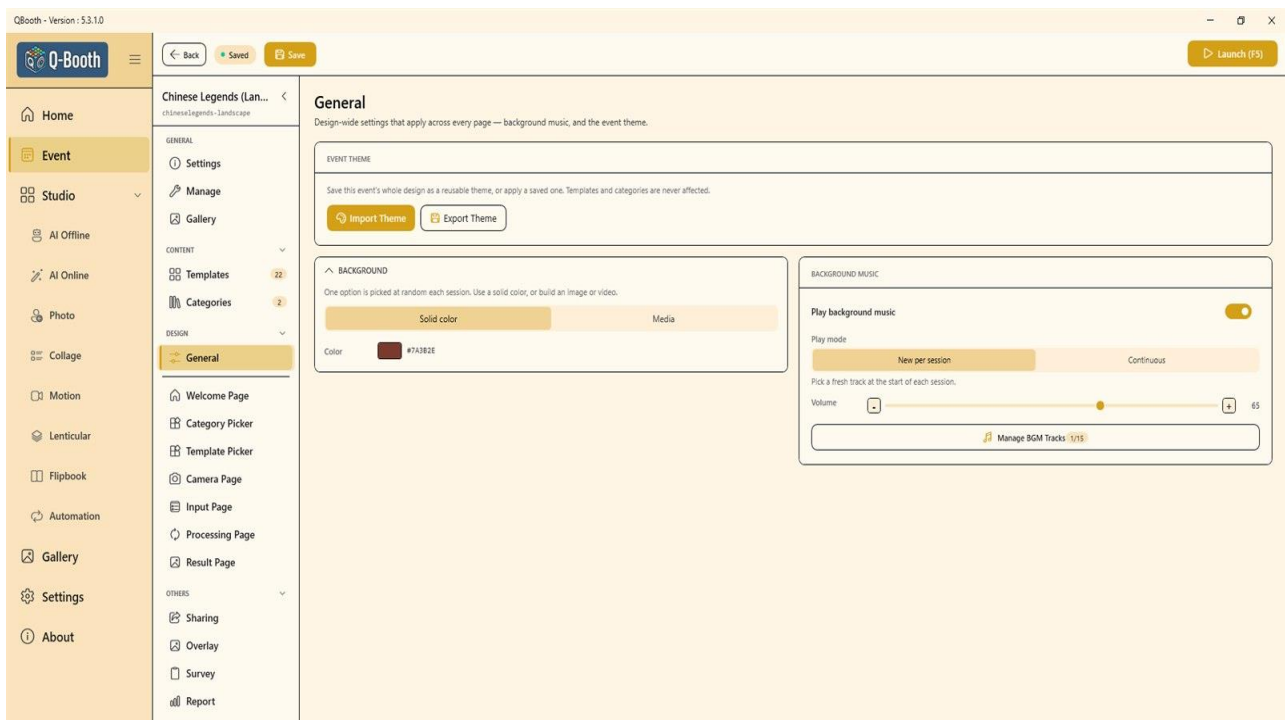


Figure 5.7b — DESIGN › General.

Welcome Page

The first screen guests see. Usually contains a themed background and one large button, such as Start session. This page also serves as the idle screen when the booth is idle, so the Idle Video feature is most relevant here.

Category Picker

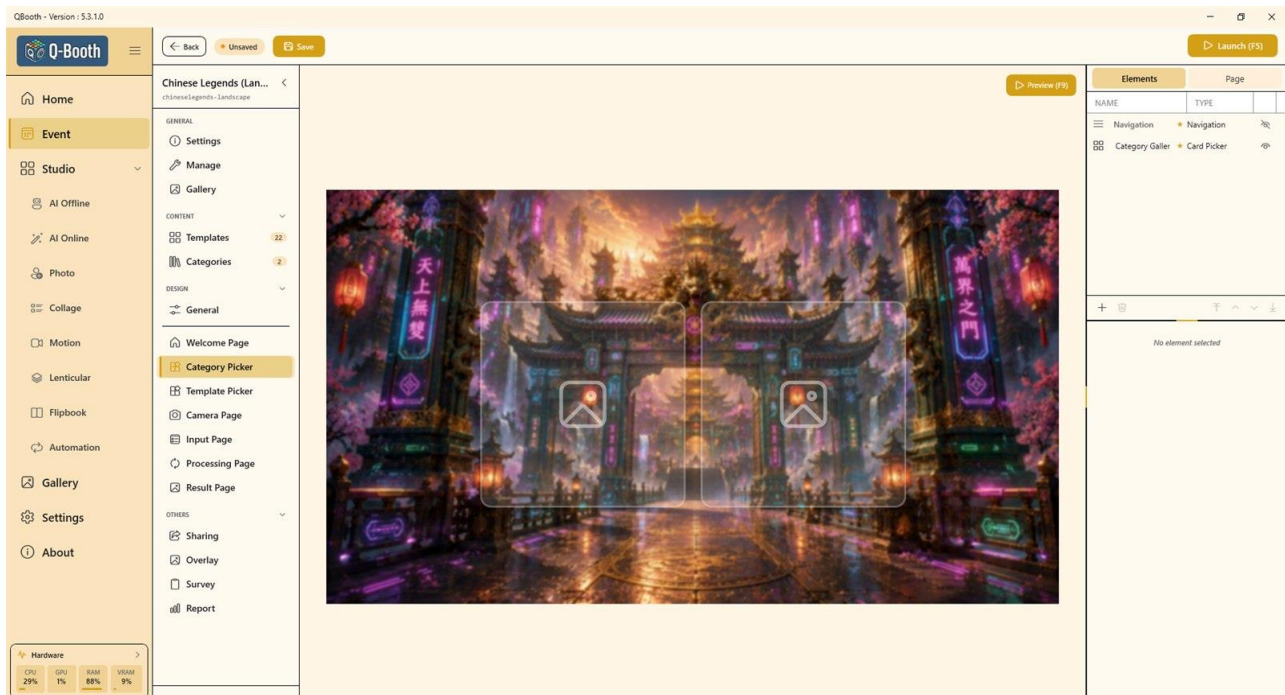


Figure 5.8 — Category Picker.

Active only when Categories › Display Mode is set to As Standalone Page. Contains a grid of category cards with a back button.

Template Picker

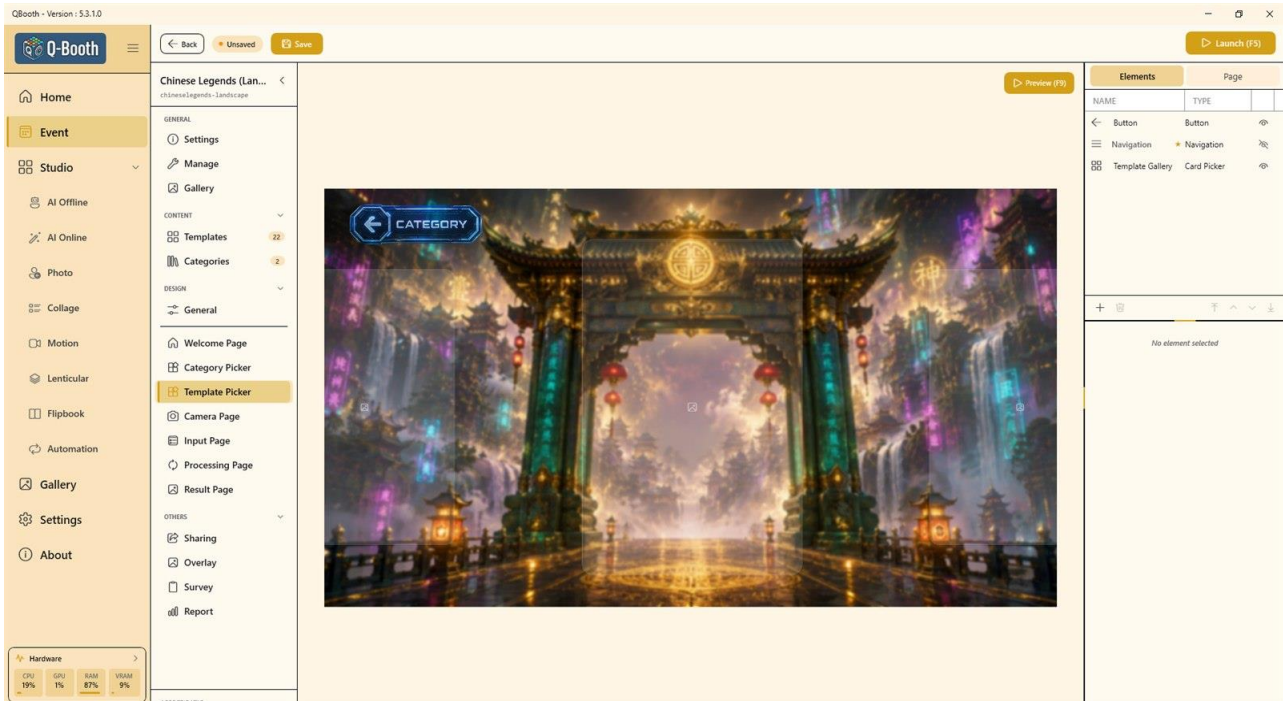


Figure 5.9 — Template Picker.

Displays the active template grid. If Display Mode is As Filter, category buttons appear on this page.

Camera Page

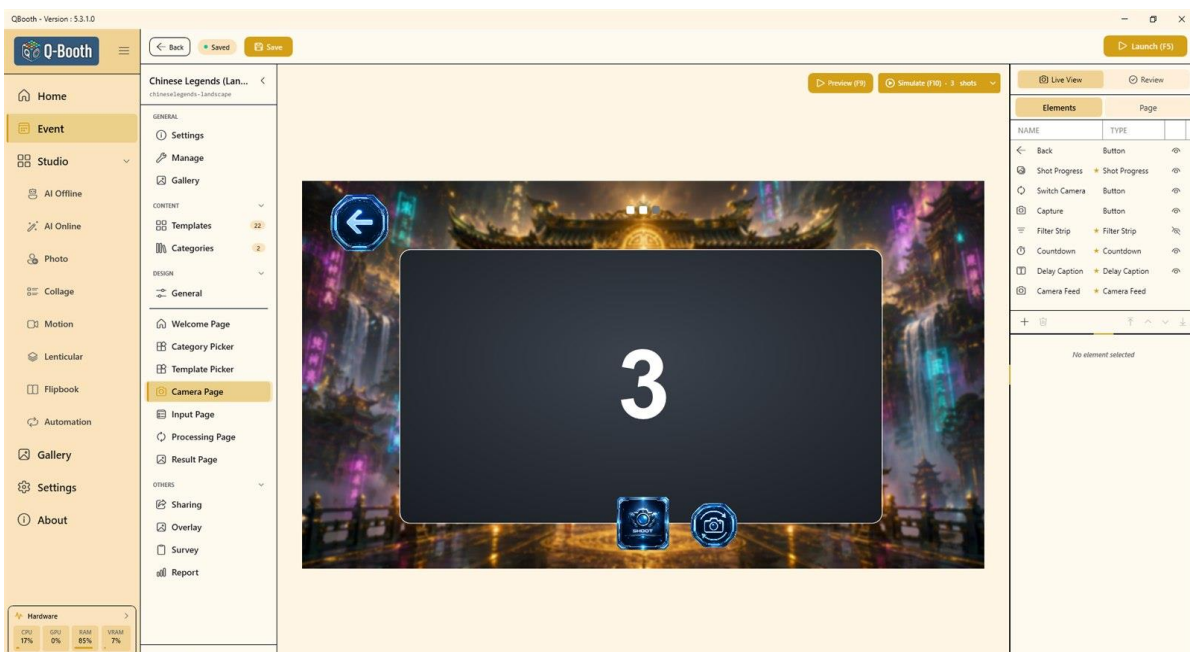


Figure 5.10 — Camera Page with its element list.

The element-richest page. The right panel has two state tabs: Live View (view while taking photos) and Review (view after photos are taken). The top row provides Preview (F9) and Simulate (F10) with options for the number of shots to simulate a session without a real camera.

Built-in elements on Camera Page:

Element	Function
Camera Feed	Camera live view window.
Capture	Take-photo button.
Countdown	Countdown before the shot.
Shot Progress	Indicator of which shot out of the total.
Switch Camera	Switch between Camera 1 and Camera 2.
Filter Strip	A row of camera filters that guests can select.
Delay Caption	Instruction text that appears during the pause between shots.
Back	Return to the previous page.

Input Page

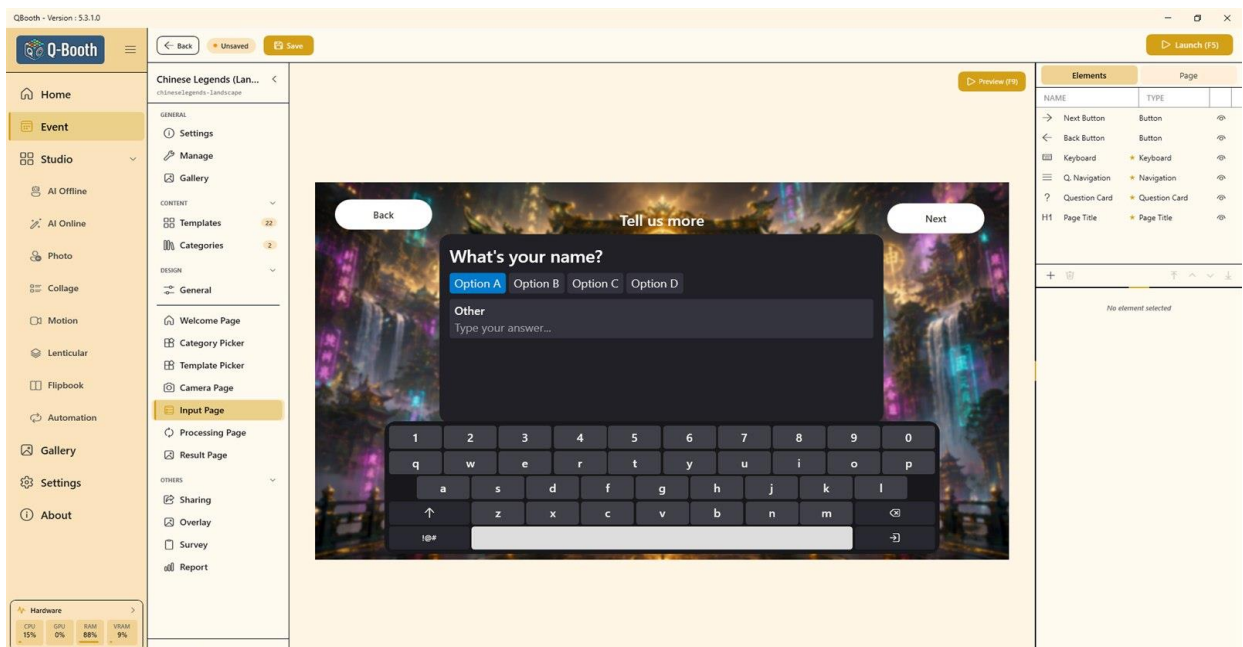


Figure 5.11 — Input Page.

Guest data collection page: name, email, phone number, or consent. This data is used for email delivery of results and recorded in the event report.

Processing Page

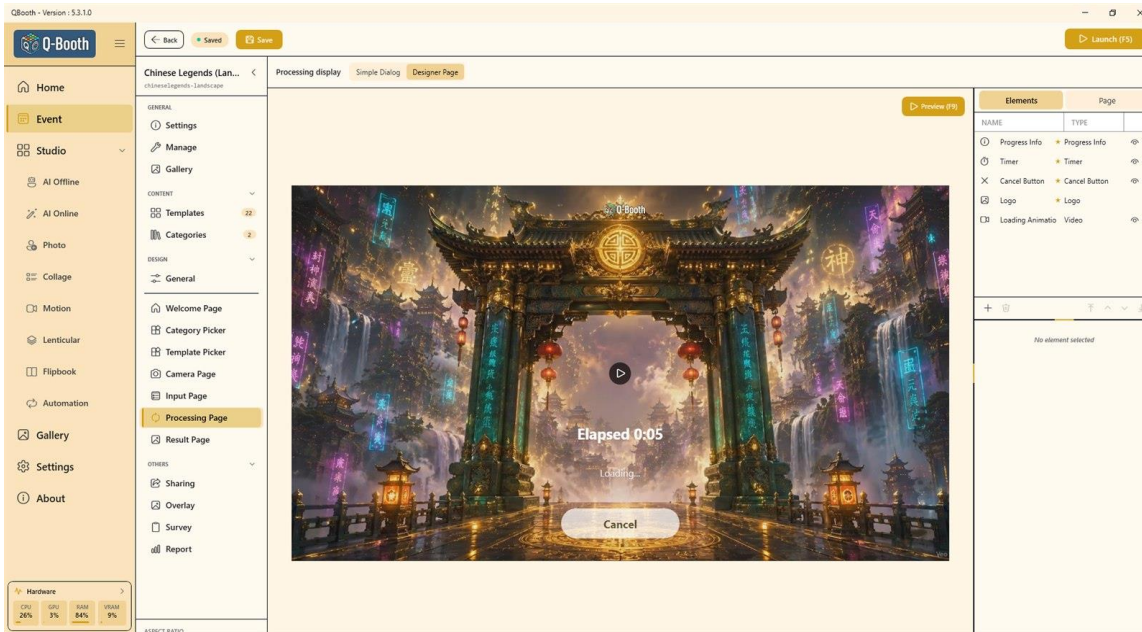


Figure 5.12 — Processing Page in Designer Page mode.

The top row has Processing display options:

- **Simple Dialog** — standard progress dialog box.
- **Designer Page** — full page that you design yourself.

Unique elements on this page: Progress Info, Timer (for example Elapsed 0:05), Cancel Button, Logo, and Loading Animation as video.

Result Page

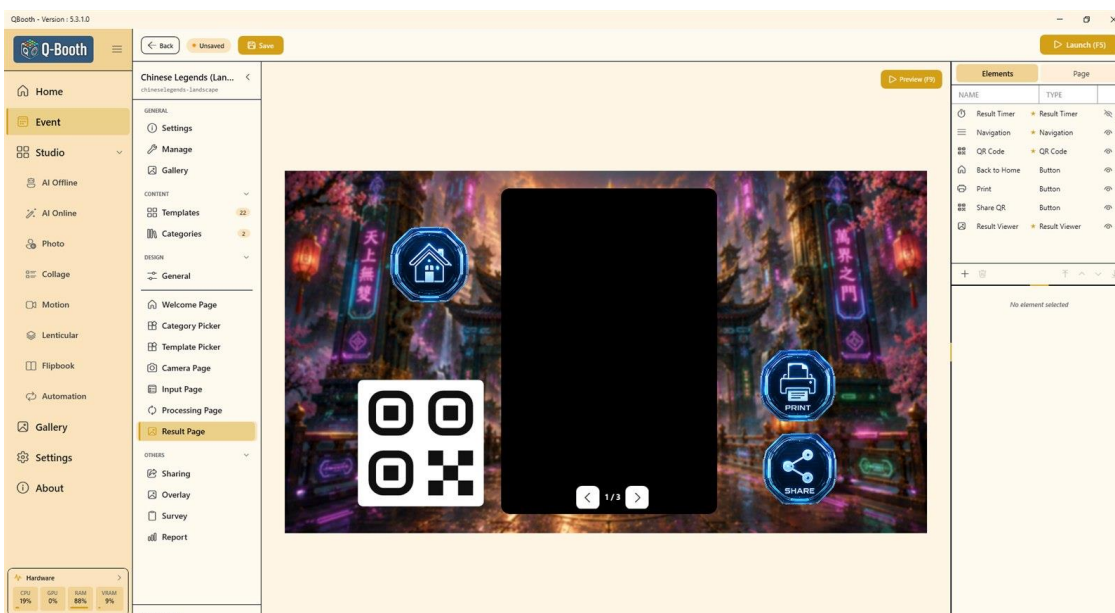


Figure 5.13 — Result Page.

Final page: displays results and provides action buttons such as print, send email, display QR, repeat session, and finish.

5.9 OTHERS › Sharing

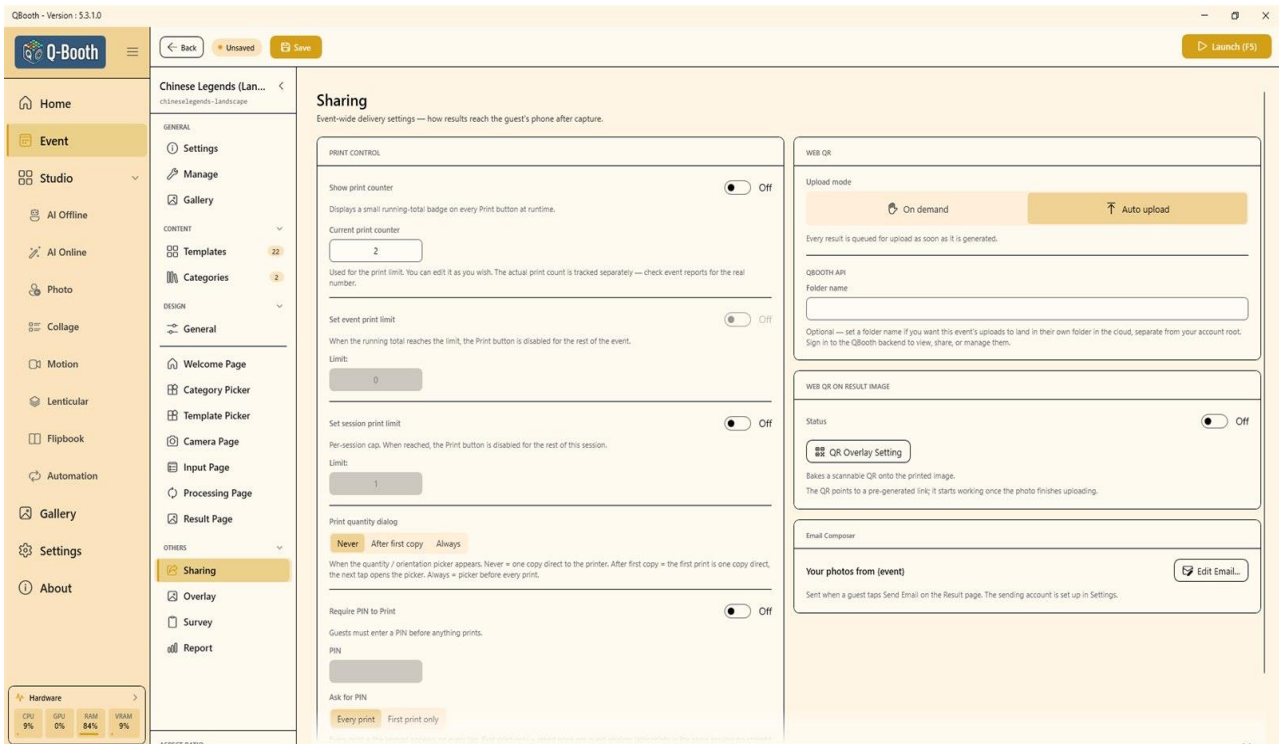


Figure 5.14 — Event-level Sharing Settings.

5.9.1 Print Control

Option	Description
Show print counter	Displays a running print total badge on each Print button at runtime.
Current print counter	Current print counter value; can be edited manually. The actual print count is tracked separately in the event report.
Set event print limit	When the running total reaches the limit, the Print button is disabled for the rest of the event.
Set session print limit	Limit per session; once reached, the Print button is disabled for the rest of that session.
Print quantity dialog	Never = one copy goes straight to the printer. After first copy = the first print goes straight through, subsequent taps open the picker. Always = the picker appears before every print.
Require PIN to Print	The guest must enter a PIN before printing. Ask for PIN options: Every print or First print only.

5.9.2 Web QR

Option	Description
Upload mode	On demand = uploaded when the guest requests it. Auto upload = every result is immediately queued for upload as soon as it's created.
QBooth API > Folder name	Optional. Places this event's uploads in a separate cloud folder, apart from the account root.

5.9.3 Web QR on Result Image

Adds a scannable QR code onto the printed image. The QR code links to an address created beforehand and starts working once the photo has finished uploading. The QR layout is configured via QR Overlay Setting.

5.9.4 Email Composer

Edits the content of the email sent when a guest presses Send Email on the Result Page. The default subject uses a variable, for example Your photos from {event}. The sender account is configured in Settings > QR Share.

5.10 OTHERS > Overlay

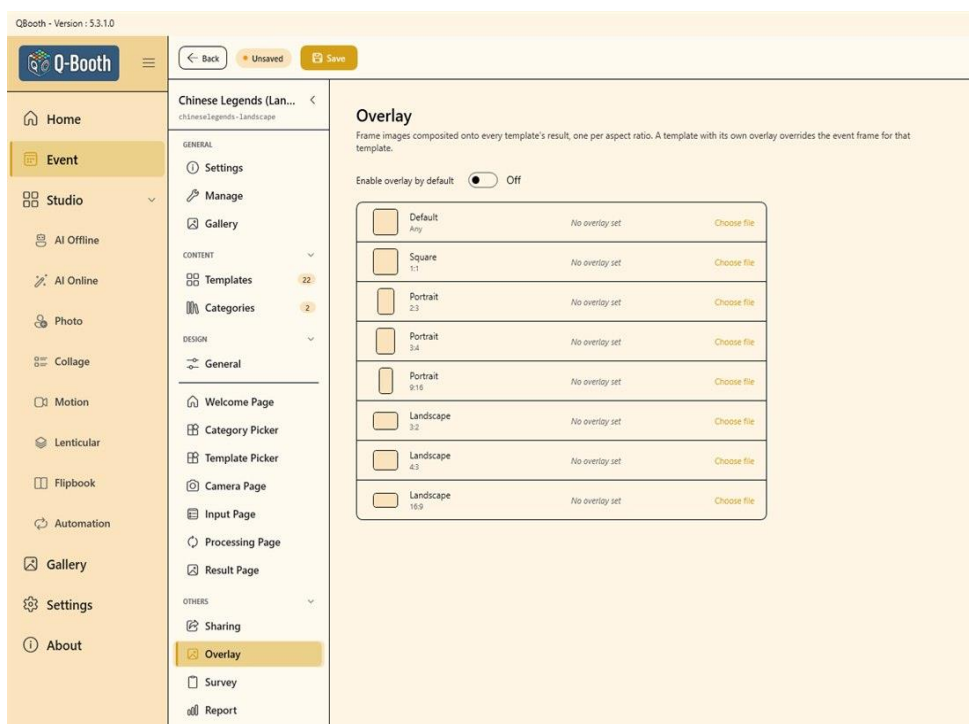


Figure 5.15 — Overlay per aspect ratio.

An overlay is a frame image applied to the result of each template. You prepare one file per ratio:

Slot	Ratio	Notes
Default	Any	Used when the specific ratio slot is empty.
Square	1:1	Use a PNG with a transparent area for the photo section. The file size should ideally match the output resolution of that ratio.
Portrait	2:3	
Portrait	3:4	
Portrait	9:16	
Landscape	3:2	
Landscape	4:3	
Landscape	16:9	

Enable overlay by default turns on the frame for the entire event. Templates that have their own overlay will override the event frame for that template.

5.11 OTHERS › Survey

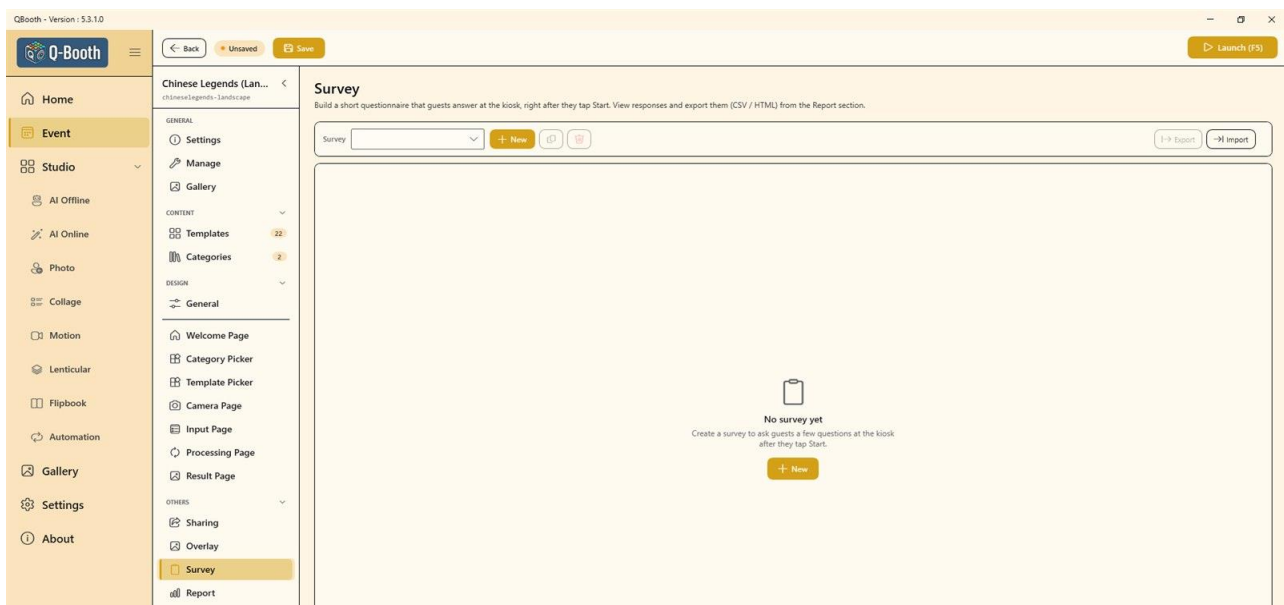


Figure 5.16 — Survey page before survey is created.

Creates a short questionnaire that guests answer at the kiosk right after pressing Start. Controls: active survey selector, New to create one, and Import and Export to move survey designs between events. Answers are viewed and exported (CSV / HTML) from the Report section.

5.12 OTHERS › Report

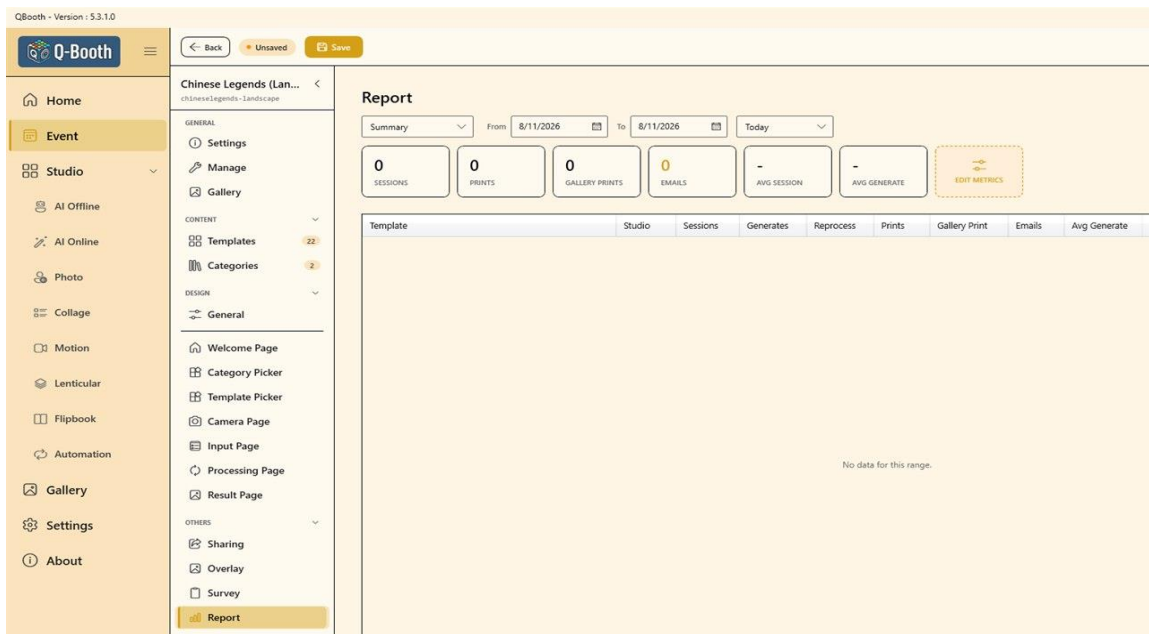


Figure 5.17 — Event Report.

5.12.1 Filter

The top row contains a scope selector, date range From and To with calendar, grouping selector, and Export HTML button.

5.12.2 KPI Cards

KPI	Meaning
Sessions	Number of guest sessions.
Prints	Number of prints from the runtime flow.
Gallery Prints	Prints made from the gallery (usually by staff).
Emails	Number of result emails sent.
Avg Session	Average duration of a guest session.
Avg Generate	Average processing time per result.
Edit Metrics	Opens metric editing for manual correction.

KPI cards are selectable — besides those shown above, Completed, Abandoned, Errors, Crashed, Generates, and Reprocess are also available. Your selection is remembered for the next visit.

5.12.3 Table per template

Columns: Template, Studio, Sessions, Generates, Reprocess, Prints, Gallery Print, Emails, and Avg Generate. Useful for finding out which template is most popular and which is slowest to process.

5.13 Running an event

Press Launch (F5) from the event list or from within the editor. The application enters full-screen kiosk mode on the monitor selected in Settings > Display > Output Monitor.

Runtime flow visible to guests:

1. **Welcome — guests press the start button.**
2. **Survey (if available) — answer a few questions.**
3. **Category Picker (if in standalone mode) — select a category.**
4. **Template Picker — select a style.**
5. **Camera — countdown and photo capture, then review.**
6. **Input (if enabled) — enter data.**
7. **Processing — wait for results.**
8. **Result — print, send email, scan QR, or repeat.**

Exit kiosk mode with Shift + F4 or double-click on the top right corner, depending on Exit Access settings.

6. Studio — General Concepts

The eight studios share the same interface framework, so mastering one studio makes the others easier.

Section	Description
Left panel	Collapsible settings groups: TEMPLATE, ASPECT RATIO/CANVAS/OUTPUT, OVERLAY, CAMERA FILTER, EVENT, OPTIONS.
Center panel	Parameters specific to that studio.
Right panel	Tab Source Image and Result — input and output.
Bottom row	Reset, Process (F5), and Share.
Title indicator	Template file status: unsaved, Modified, or the name of the file currently open.

Shared settings group

Group	Content
TEMPLATE	Open (open a template file or the current file), Save, an indicator for the loaded file, and a Notes field for internal notes.
ASPECT RATIO	Template output ratio. Auto follows the ratio of the event using it.
OVERLAY	<i>Default follows the event settings; can be replaced with a template-specific frame.</i>
CAMERA FILTER	Use Global (follows the application setting), Off, or Custom to choose a filter specific to this template.
EVENT	Caption — the title seen by guests; Cover image — the card image in the Template Picker.
OPTIONS	Additional output options, such as including the original photo in the result, or creating a Before → After transition video.

How to use the studio in general: select/adjust template → enter source image (file, camera, or clipboard) → press Process (F5) → check Result tab → save template with Save to use it in event.

7. AI Offline Studio

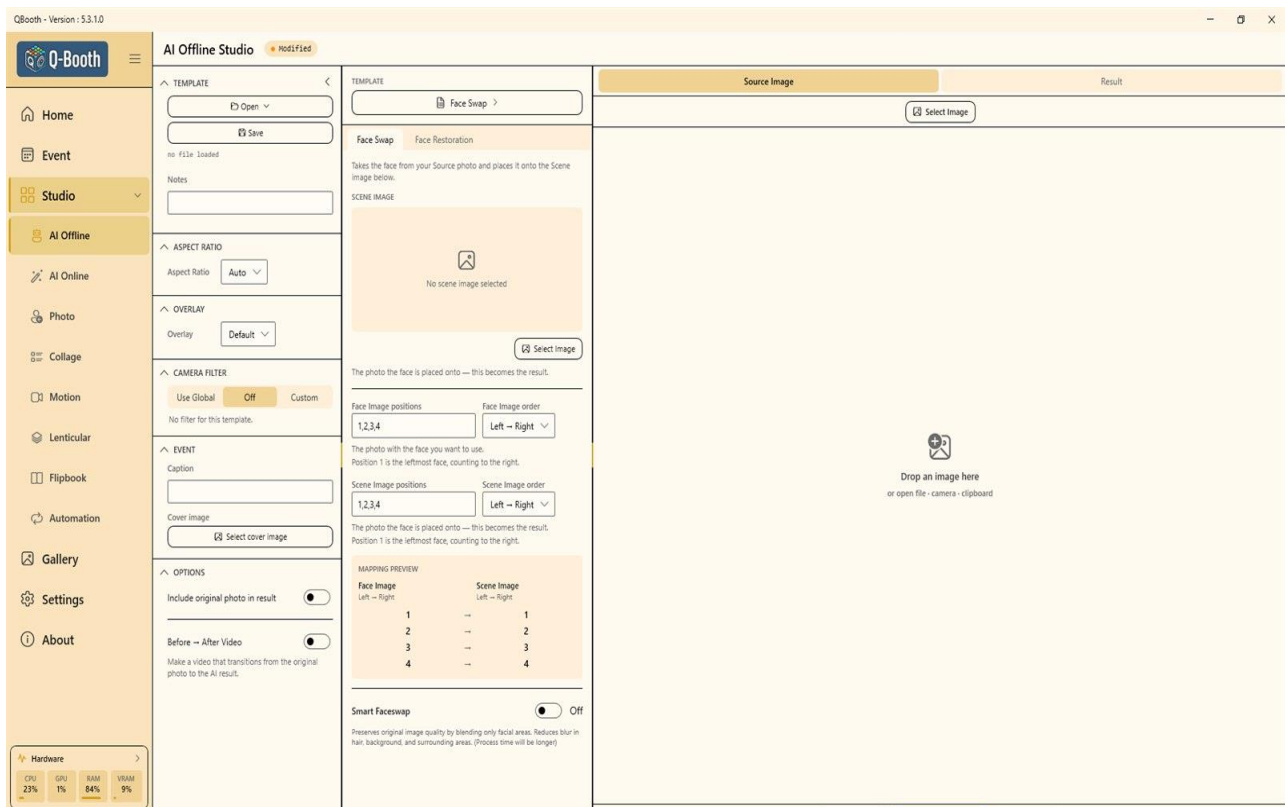


Figure 7.1 — AI Offline Studio with all panels expanded.

AI Offline Studio runs AI models on your own computer, with no per-use cost and no need for internet during the event.

Make sure the AI Offline Server indicator in the sidebar is Online before processing.

7.1 Selecting an AI template

Click the TEMPLATE row in the center panel to open the Select AI Template dialog. The dialog shows the template list, preview, and metadata (Name, Version, ID, Model, Available for Event, Description). Besides Use Template, Load Sample is available to load a sample input for that template if one exists.

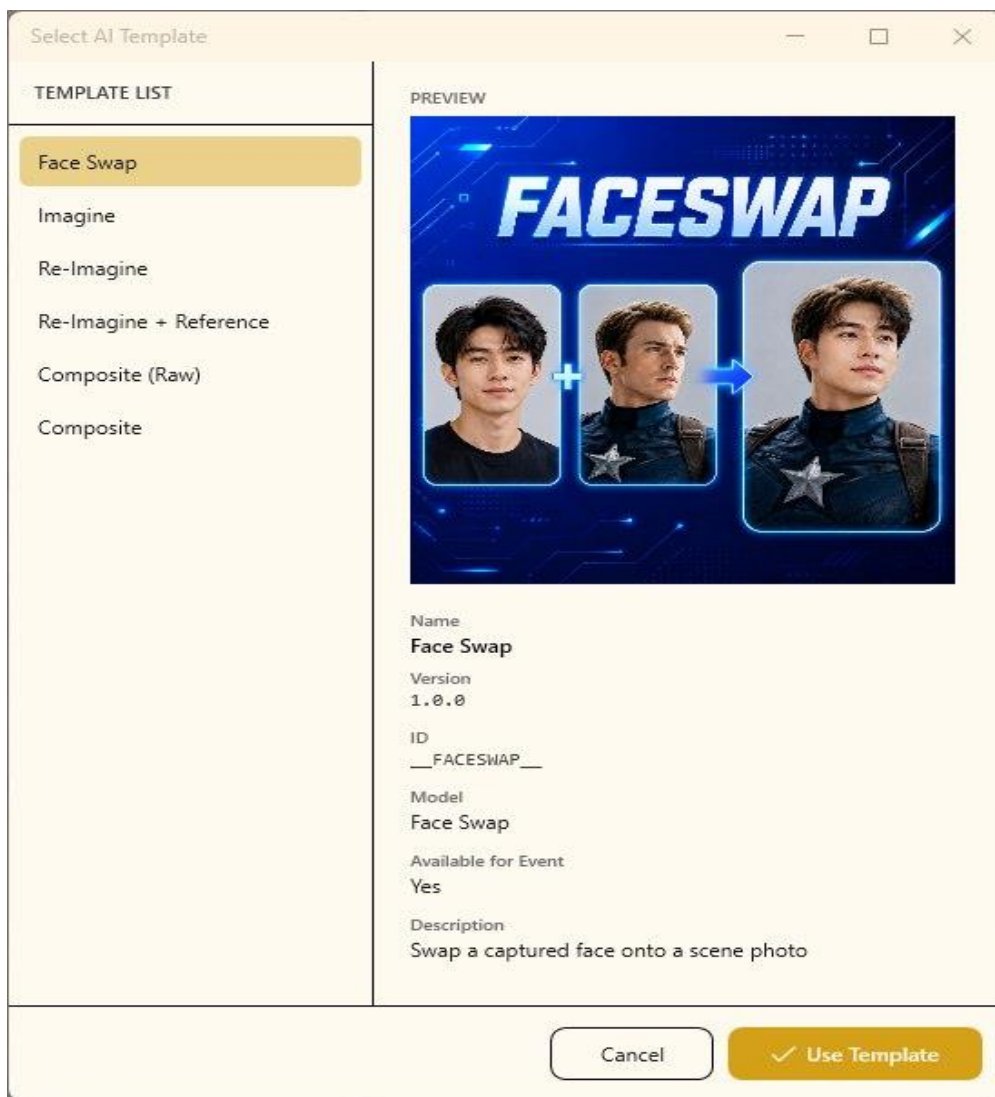


Figure 7.2 — Select AI Template Dialog.

Template	Function
Face Swap	Transfers the face from the guest's photo onto a scene photo.
Imagine	Creates an image from a text prompt (without a source photo).
Re-Imagine	Changes the style of the guest's photo according to a text prompt.
Re-Imagine + Reference	Same as Re-Imagine, plus a reference image as a style guide.
Composite (Raw)	Combines the guest's photo with guide and background images, without an AI style layer.
Composite	Full version with text prompts, reference images, background, and color correction.

7.2 Face Swap

The most frequently used template for character or costume-themed events.

Parameter	Description
Scene Image	The destination photo where the face is placed — this becomes the final result.
Face Image positions	Order of faces in the source photo to be used, for example 1,2,3,4. Position 1 is the leftmost face.
Face Image order	Face-reading direction on the source photo: Left → Right or vice versa.
Scene Image positions	Order of faces in the scene photo to be replaced.
Scene Image order	Face-reading direction on the scene photo.
Mapping Preview	Source face → scene face mapping table, as visual confirmation before processing.
Smart Faceswap	Preserves the original image quality by blending only the face area. Reduces blur on hair, background, and surrounding areas, but increases processing time.

Face Restoration tab provides face repair/smoothing after face swapping.

Group photo. For photos containing multiple people, fill face positions according to the number of people, for example 1,2. Use Mapping Preview to ensure face pairing is correct before the session starts.

7.3 Imagine, Re-Imagine, and Re-Imagine + Reference

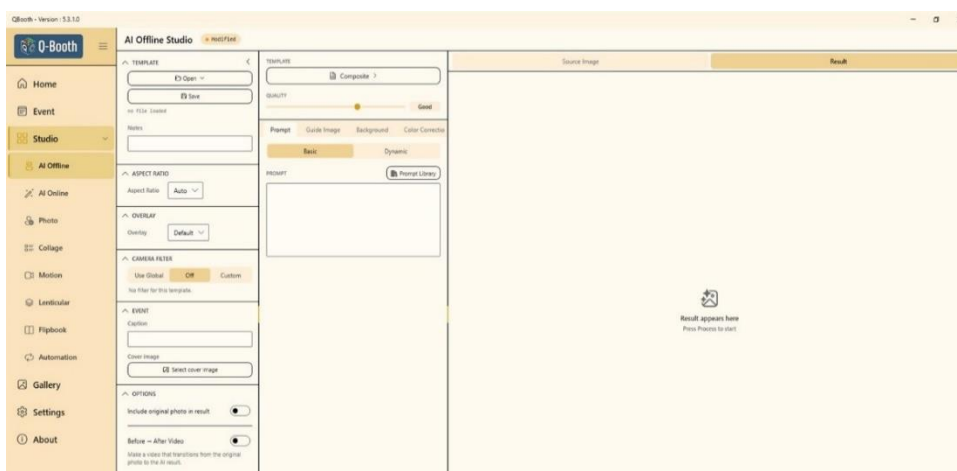


Figure 7.3 — Composite template panel with Quality slider and parameter tab.

Control	Description
QUALITY	Result quality slider (e.g. Good). The higher it is, the longer the processing time.
Prompt Tab	Contains Positive Prompt (what is wanted) and Negative Prompt (what to avoid), plus Prompt Builder to compose them.
Tab Reference Image	Re-Imagine + Reference only: style reference image. Some templates require it.
Tab Color Correction	Five sliders: Temperature, Hue, Brightness, Contrast, and Saturation.

Imagine does not use a source photo so the Source Image panel is not displayed. Re-Imagine uses guest photo as the basis.

7.4 Composite and Composite (Raw)

Tab	Description
Prompt	Composite only. Style prompt for the combined result.
Guide Image	Composition/pose guide image.
Background	Background used in the combined result.
Color Correction	Composite only. Final color correction.

Composite (Raw) only has Guide Image and Background — suitable if you want pure blending results without re-interpretation by AI.

7.5 Output options

Option	Description
Include original photo in result	Includes the guest's original photo within the result file.
Before → After Video	Creates a video that transitions from the original photo to the AI result. Ideal for sharing on social media.

8. AI Online Studio

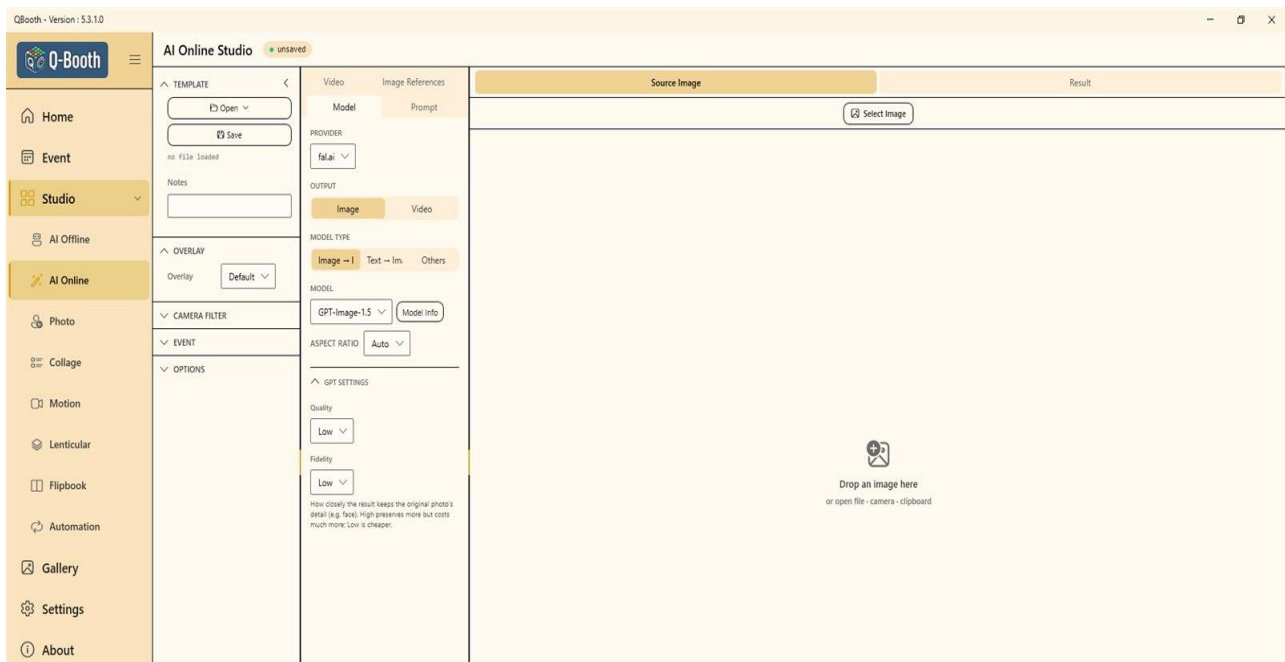


Figure 8.1 — AI Online Studio, Model tab.

AI Online Studio sends work to AI providers in the cloud. Advantages: access to the latest models and does not burden local GPU. Disadvantages: requires stable internet and incurs per-call charges according to the provider.

Fill in the API key first in Settings > Other > AI-Online API Provider. Without a valid key, the process will fail.

8.1 Tab Model

Control	Description
PROVIDER	Service provider: fal.ai or wavespeed.ai.
OUTPUT	Image or Video.
MODEL TYPE	The list follows the OUTPUT selection. For images: Image → Image, Text → Image, Others. For videos: Image → Video and Text → Video.
MODEL	List of models available for the above combination. The Model Info button shows the description, limitations, and estimated cost of that model.
ASPECT RATIO	Output ratio; Auto follows the source or event.

Below it appears a model-specific settings group. Example for GPT-Image:

Settings	Description
Quality	Output quality level (Low/Medium/High). Directly affects cost.
Fidelity	How faithful the result is to the details of the original photo, e.g. the face. A high value preserves resemblance better but is much more costly; a low value is cheaper.

8.2 Tab Prompt

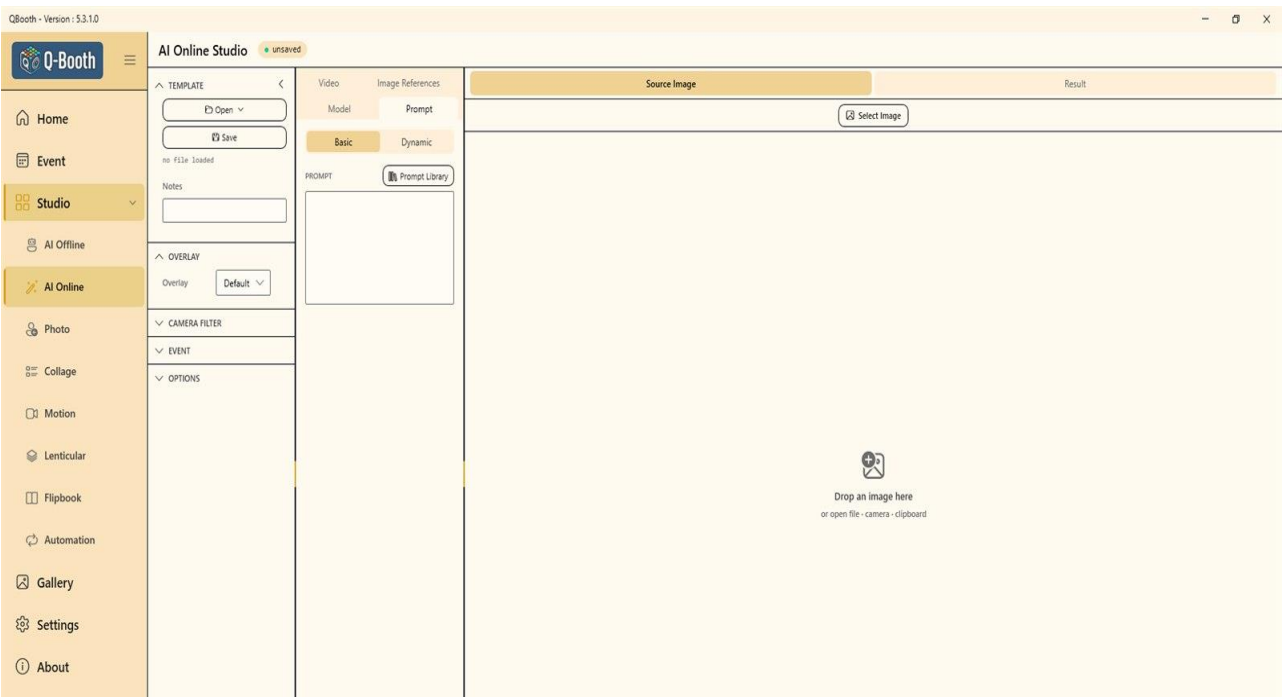


Figure 8.2 — Prompt Tab with Basic and Dynamic modes.

Control	Description
Basic	One fixed text prompt for all guests.
Dynamic	A prompt that changes based on variables, such as survey answers or guest choices — so a single template can produce many variations.
Prompt Library	A library of ready-made prompts that can be inserted and saved for reuse.

8.3 Tab Image References

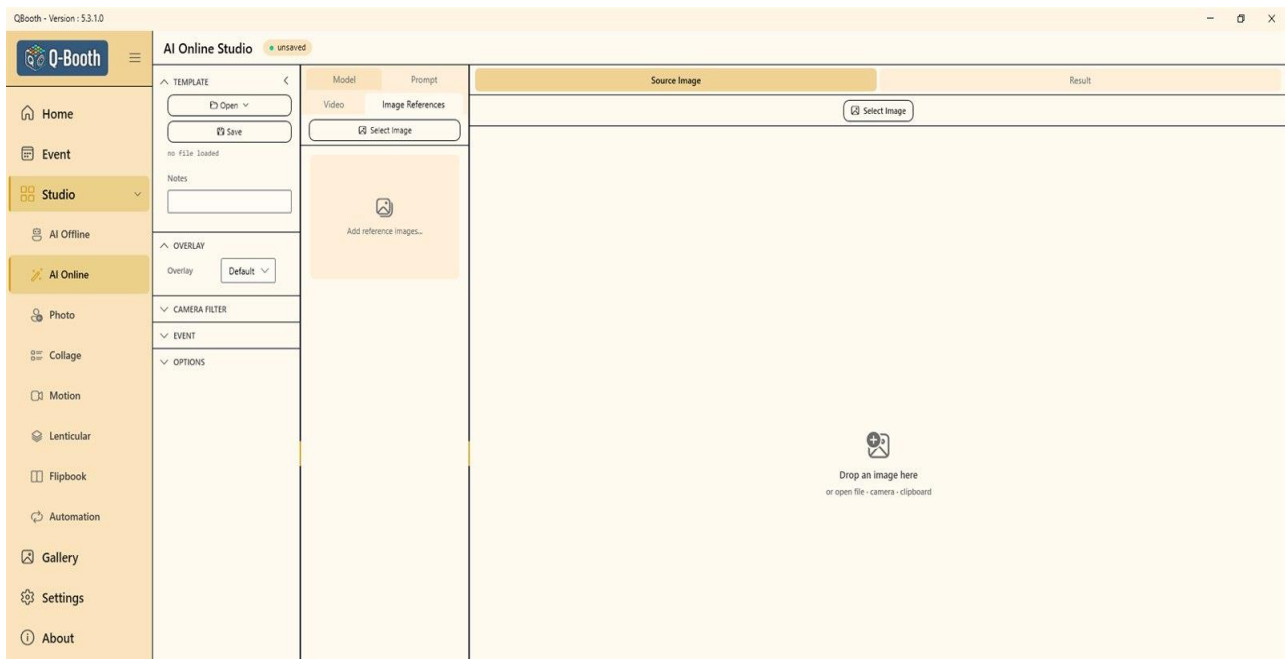


Figure 8.3 — Image References Tab.

Adding one or more reference images that are sent along with the command, so the model follows a specific style, costume, or composition.

8.4 Tab Video

This tab configures video output derived from image results:

Control	Description
Generate video from the image result	Chains a video model after the image model finishes, so a single process produces both an image and a video.
Before → After Video	Creates a video that transitions from the original photo to the AI result.
Photo hold	How long the original photo is held on screen before the transition.
Result hold	How long the AI result is held after the transition.
Transition	Duration of the transition between the two. If there is an AI video, it plays after the transition for its own duration.

Some models also display a Background tab containing Original or Change Background options along with background images.

9. Photo Studio

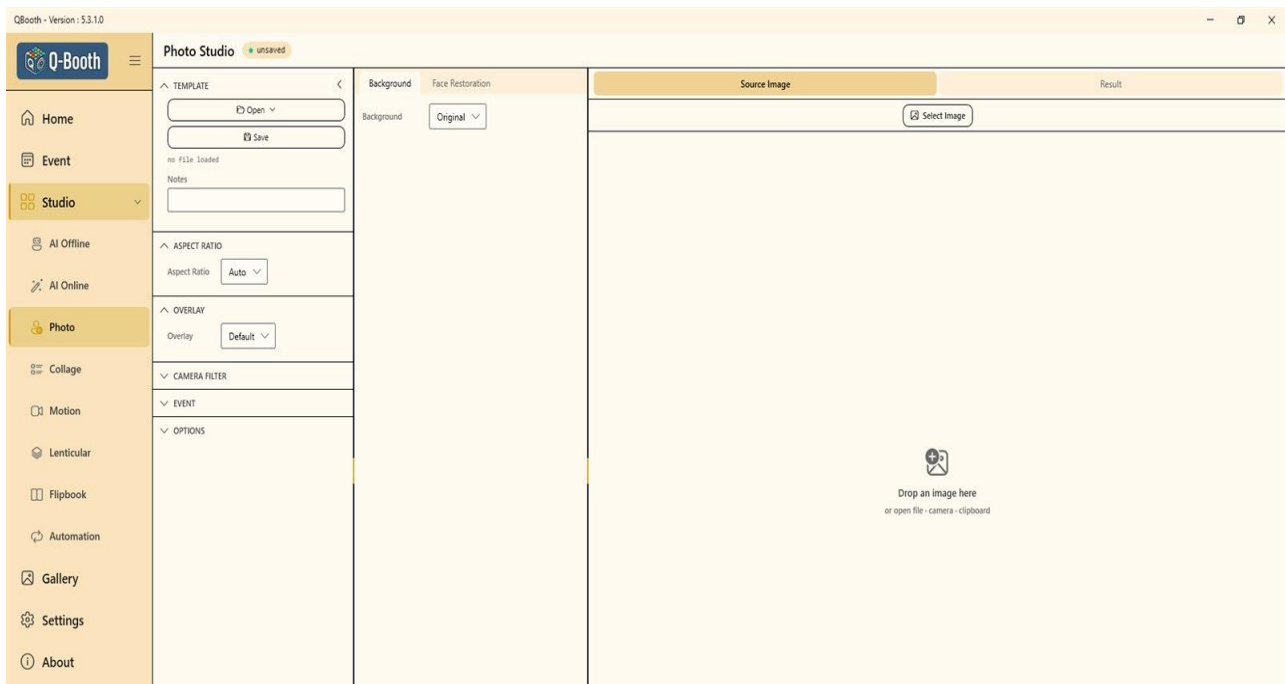


Figure 9.1 — Photo Studio.

The simplest studio: ordinary photos without heavy AI transformation, but still supporting background replacement and face enhancement. Suitable for classic photo booths that prioritize speed.

Tab	Description
Background	Removes the original background and replaces it with a chosen color or image. QBooth uses a local segmentation model (U ² -Net and similar).
Face Restoration	Smooths and sharpens the face area. Increases processing time.

Left panel contains standard groups: TEMPLATE, ASPECT RATIO, OVERLAY, CAMERA FILTER, EVENT, and OPTIONS.

10. Collage Studio

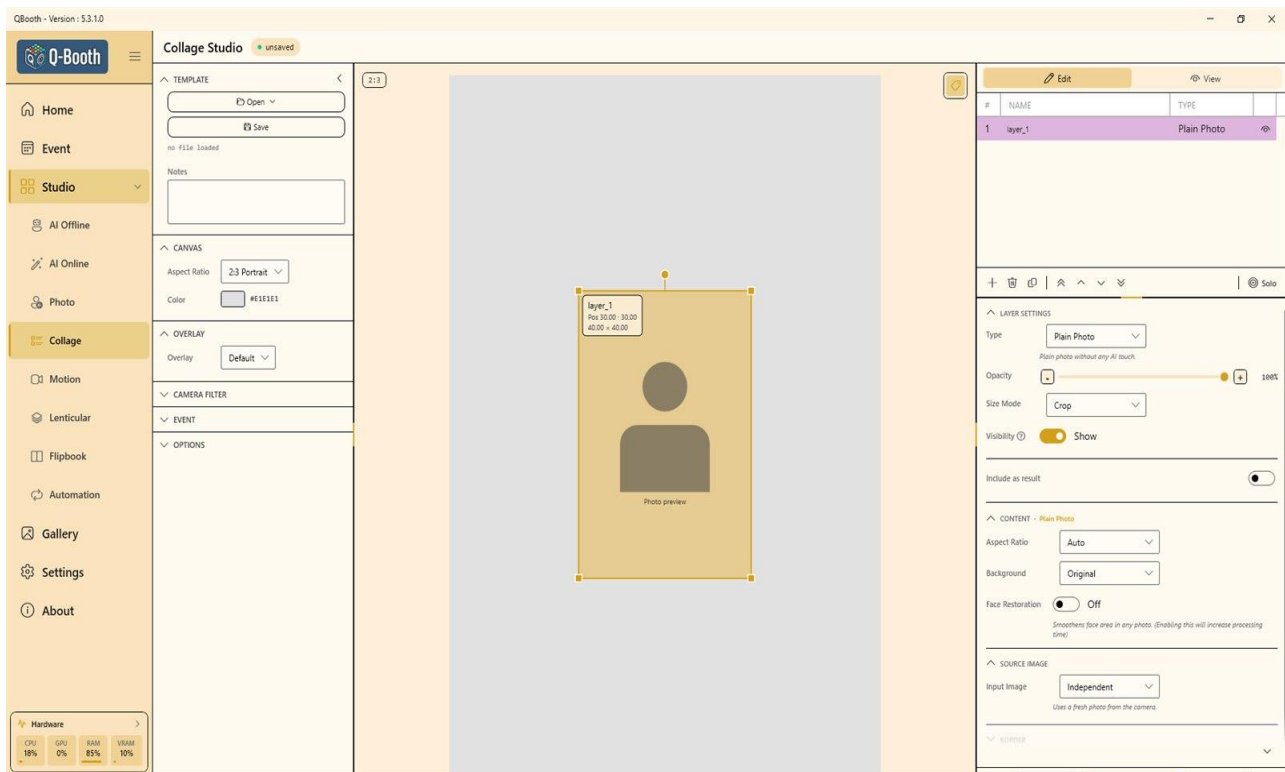


Figure 10.1 — Collage Studio with layer list and Layer Settings panel.

Collage Studio arranges multiple elements on a single canvas — similar to layered design applications. This is the studio used for photo strips, four-box frames, or custom print layouts.

10.1 Canvas

Control	Description
Aspect Ratio	Collage canvas ratio; supports custom print sizes, e.g. 1700×2200 pixels.
Color	Base canvas color, for example #E1E1E1.

10.2 Layer list

Table at top right contains columns #, NAME, and TYPE. Edit / View toggle switches between layout editing mode and result preview. Drag rows to change stacking order. Solo button displays only the selected layer.

10.3 Layer Settings

Properties	Description
Type	Layer type — eight options, see the table below.
Opacity	Opacity level 0–100%.
Size Mode	Crop (content fills the box, excess is cropped) or Fit (content fits entirely within the box).
Visibility	Show / Hide switch.
Include as result	Determines whether this layer is also saved as a separate result file.

10.3.1 Layer types

Type	Description
Plain Photo	A plain photo without any AI enhancement.
Faceswap	A plain photo with the face swapped to a target image you specify.
Studio Template	Runs another studio template (Photo / AI Offline / AI Online) inside this layer.
Image File	A fixed image that you provide — the same on every print.
Layer Result	Copies the result into another layer in the same collage.
Static Text	Fixed text, displayed exactly as you typed it.
User Input Text	The guest types text at the kiosk; that text appears on this layer.
QR Code	The QR code guests scan to open their photo online. The link is generated when the photo is processed, so there is nothing to configure; the layer is always square-shaped. Requires Web QR to be already configured.

Layer chain. Layer Result layer makes layers interdependent. When a layer is involved in a chain, the CHAIN STATUS panel appears below Geometry and explains who depends on whom — check this before deleting a layer.

Tool bar above layer list provides: add, duplicate, delete, up/down, to top/bottom, Solo (show only selected layer in editor), and hide in editor (does not affect final result).

CONTENT Group

Its contents adjust according to layer type. For Plain Photo:

Properties	Description
Aspect Ratio	Layer content ratio.
Background	Background specific to that layer.
Face Restoration	Smooths the face area in this layer's photo. Increases processing time.

SOURCE IMAGE Group

Input Image determines the source image for the layer — such as new photo from camera, Nth shot from session, or fixed file.

BORDER and GEOMETRY Groups

BORDER — Enabled, Size (thickness), Position (Inside / Outside / Center relative to layer edge), Radius (rounded corners), and Color.

GEOMETRY — numeric values X, Y, W, H, and Rotation, with unit toggle for pixels or percent. The same panel is also used by Lenticular Studio.

11. Motion Studio

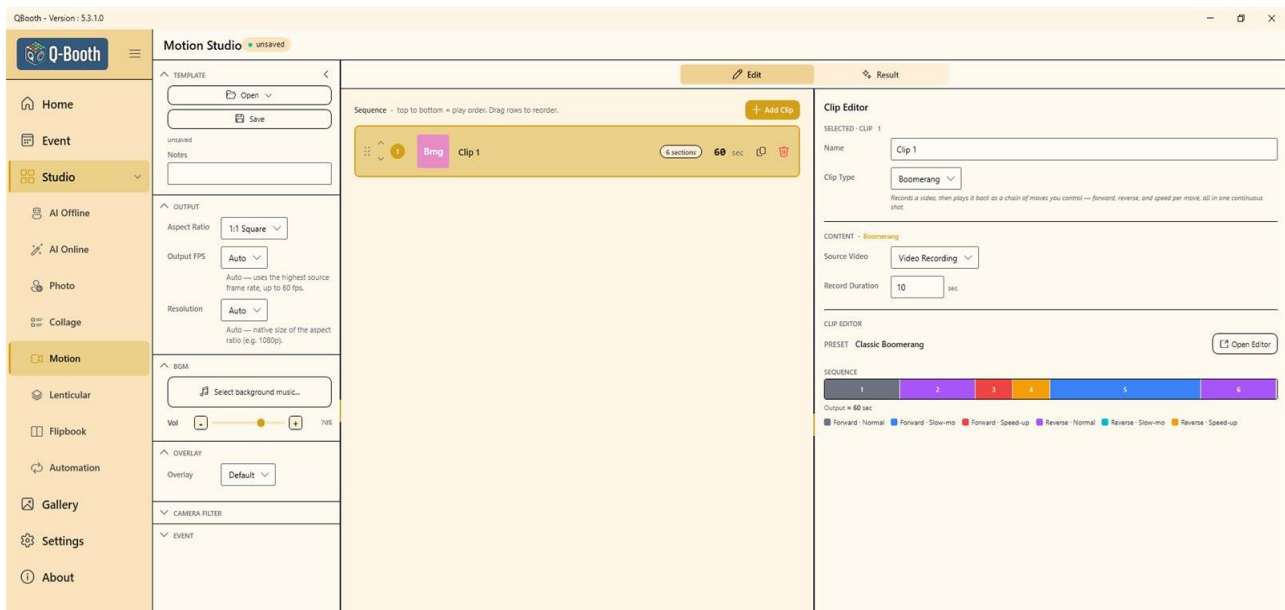


Figure 11.1 — Motion Studio with clip sequence and Clip Editor.

Motion Studio creates video output: boomerang, 360 rotation, or sequence of multiple clips with transitions and background music.

11.1 OUTPUT Panel

Control	Description
Aspect Ratio	Output video ratio.
Output FPS	<i>Auto uses the highest source frame rate, up to a maximum of 60 fps.</i>
Resolution	<i>Auto uses the ratio's original size, e.g. 1080p.</i>

11.2 BGM Panel

Select background music files and adjust their volume (default 70%).

11.3 Clip order

The center panel holds the clip list: the order from top to bottom is the playback order. Drag a row to rearrange it. The Add Clip button adds a new clip. The bottom row summarizes the number of clips, the number of transitions, and the final video duration.

11.4 Clip Editor

Control	Description
Name	Clip name.
Clip Type	Clip type — nine options: Plain Photo, Faceswap, Studio Template, Video File, Video Record, Image File, Glam, Boomerang, and Motion Path. Boomerang example: records a video then plays it back as a sequence of motion you control — forward, reverse, and speed per segment, all within a single complete recording.
Source Video	Video source: a new recording from the camera or an existing file.
Record Duration	Recording duration in seconds.
PRESET	Ready-to-use motion patterns, such as Classic Boomerang. The Open Editor button opens the advanced motion path editor.

SEQUENCE — motion section

The SEQUENCE bar divides the clip into several segments. Each segment has its own duration portion, direction, and speed. The bar width reflects its time portion. Six combinations are available:

Forward	Backward	Speed
Forward · Normal	Reverse · Normal	1×
Forward · Slow-mo	Reverse · Slow-mo	0.5×
Forward · Speed-up	Reverse · Speed-up	2×

Estimated output duration is displayed below the bar, for example Output ≈ 60 sec.

The Edit / Result switch at the top right toggles between composing and reviewing the finished video.

12. Lenticular Studio

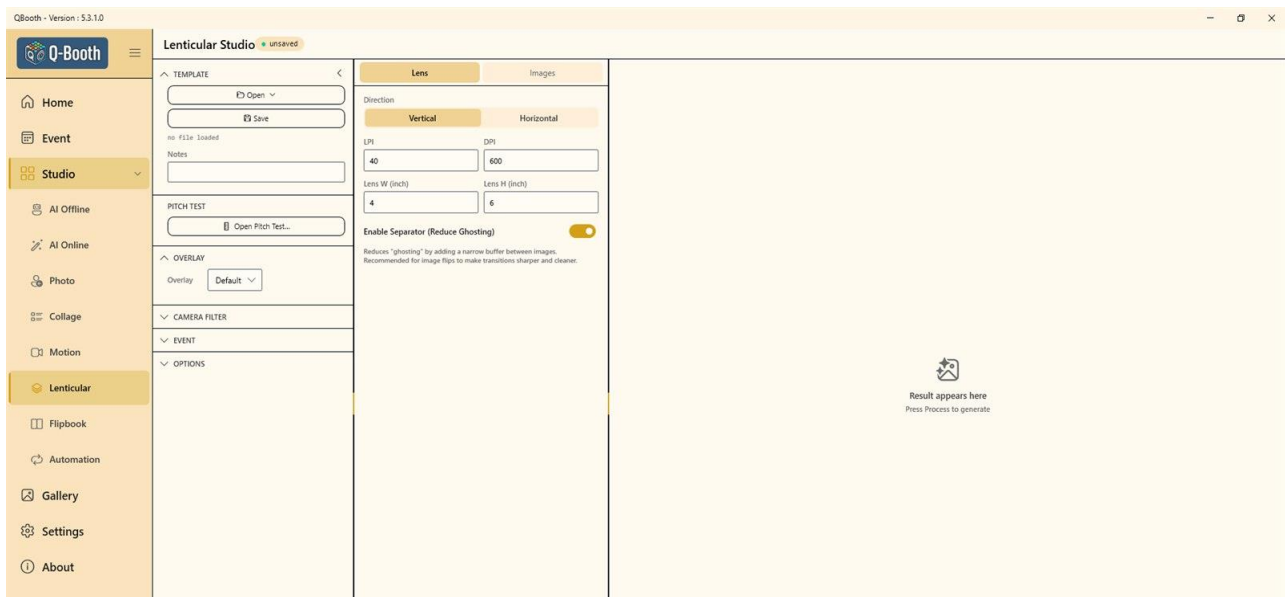


Figure 12.1 — Lenticular Studio.

Lenticular Studio prepares lenticular printing: multiple images are interlaced into a single print sheet that, when a lenticular lens is applied, appears to change or move when viewed from different angles.

12.1 Pitch Test

The Open Pitch Test... button opens the calibration tool. The pitch value (number of lenses per inch) printed by the manufacturer often deviates slightly from the actual value, and even a small difference can make the result appear blurry or ghosted.

1. Print a test sheet from Pitch Test with the printer and paper you will be using.
2. Apply the lenticular lens to the print.
3. Observe which column appears sharpest and clearest.
4. Enter that pitch value into the lens settings.

Pitch is specific to a particular combination of printer, paper, and lens. Repeat the Pitch Test whenever one of them is changed.

12.2 Lens Tab

Physical parameters of lens and print:

Settings	Description
Direction	Lens flow direction: Vertical or Horizontal.

LPI	Lens density (lenses per inch) — the value found via the Pitch Test.
DPI	Print resolution used when assembling the interlace sheet.
Lens W / Lens H (inch)	Physical lens size in inches. Together with DPI, determines the pixel size of the final sheet.
Enable Separator (Reduce Ghosting)	Inserts a narrow divider between images to reduce shadow/ghosting. Recommended for image transition effects so the transition is sharper and cleaner.

12.3 Images Tab

Contains a list of Layers — each layer becomes one image that alternates on the final sheet. The layer order determines the image switching sequence.

Control	Description
Add / Edit / Clone / Remove Layer	Manages layers. A layer can contain a studio template (Photo / AI Offline / AI Online), a plain photo, a faceswap, or a static image.
Move Up / Move Down	Changes the layer order.
Use Custom Frame	Restricts this layer's contribution to only part of the lens area. Opened via Create Frame... / Edit Frame..., which opens the Layer Frame Editor.
Overlay inside frame	When enabled, the layer overlay is cropped to fit the frame; when disabled, the overlay stretches to the full width of the lens.
Image Position	Places the image Above Frame or Below Frame.

The overlay is baked into every layer before the interlace process, so it is also cut up by the lens pattern. Lenticular results are very large in size and are deliberately not uploaded to the cloud; what gets uploaded is a small copy of each layer.

13. Flipbook Studio

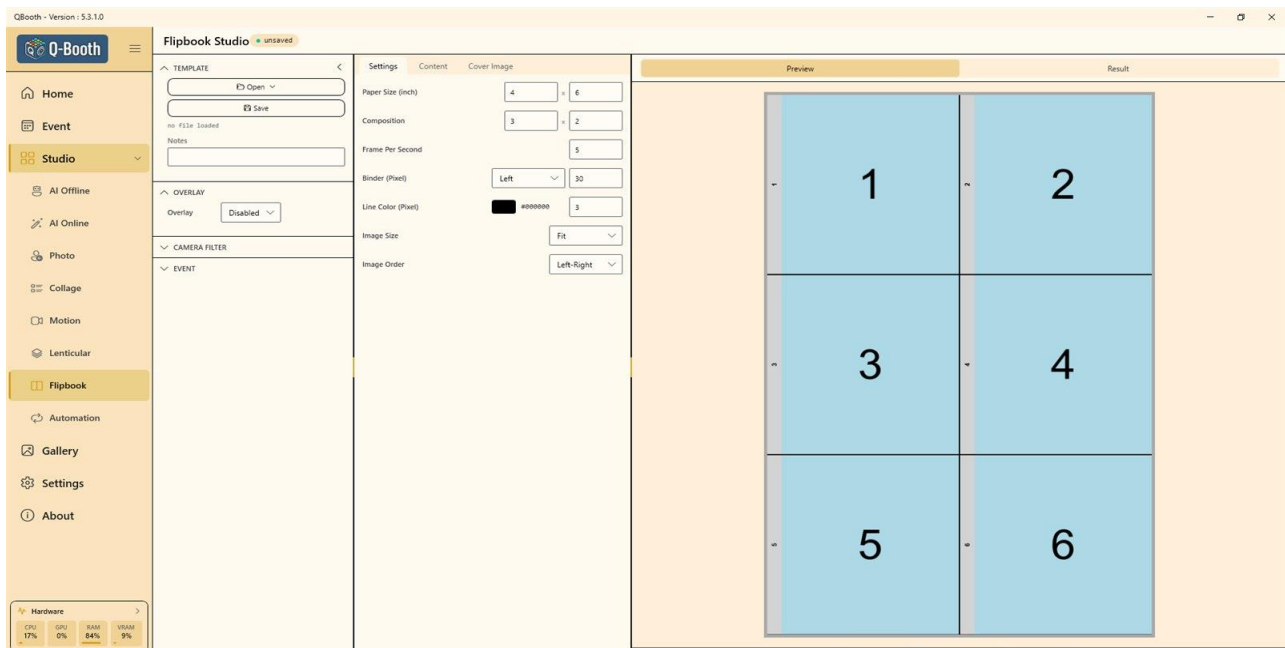


Figure 13.1 — Flipbook Studio.

Flipbook Studio converts short video recordings into printed sheets that, when bound, form an animated flipbook.

13.1 Settings Tab

Settings	Description
Paper Size (inch)	Print paper size in inches.
Composition	Rows × Columns — how many frames are arranged on one sheet.
Frames Per Second	Frame capture rate from the video. The higher it is, the smoother the motion and the more sheets are printed.
Binder	Position — the side to be bound; Size (px) — the width of the binding area to leave.
Image Style	Frame display style on the sheet.
Image Order	Frame placement order on the sheet.

Safety	Line Color and Margin (px) — safe-area guide lines so important parts are not cut off when trimmed and bound.
---------------	--

13.2 Content Tab

Determines the video source in the VIDEO DATA section:

Control	Description
QSD/QSO File	Uses a studio template that produces video as the frame source.
Video Recorder	Records a new video directly from the camera.
Gallery	Fetches a template from the Template Gallery.
Create in Studio / Edit in Studio	Creates or edits the source template without leaving Flipbook Studio.

13.3 Cover Image Tab

Control	Description
Use cover image	Turns on the cover page, then select its image via Select image.
Use overlay	Adds a separate overlay image for the flipbook.
Apply overlay for cover page	Determines whether the overlay is also applied to the cover page.

The Preview / Result switch at the top right toggles between previewing the frame layout and the final printed sheet.

Set the Binder Size and Safety Margin as needed on the side that will be bound to ensure the image portions are not cut off during binding.

14. Automation Studio

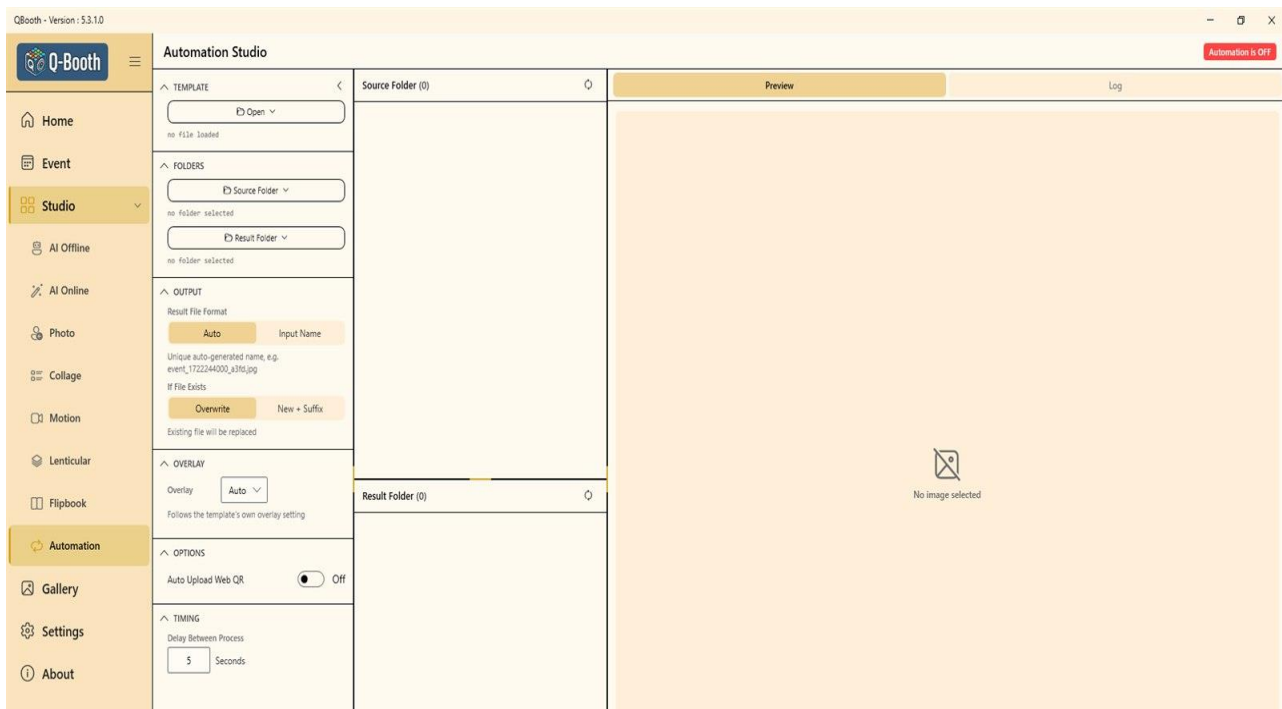


Figure 14.1 — Automation Studio.

Automation Studio processes files in bulk without operator intervention. QBooth monitors a folder, and every new image file that appears there is immediately processed using the selected template, then the result is written to the output folder.

Common uses: booth with third-party camera that writes photos to a shared folder, or reprocessing large photo archives.

14.1 Settings panel

Group	Content
TEMPLATE	Open — loads the template file to be applied to every incoming file.
FOLDERS	Source Folder — the folder being monitored. Result Folder — the destination where results are written.
OUTPUT	Result File Format: Auto (automatic unique name, e.g. event_1722244000_a3fd.jpg) or Input Name (follows the input file name). If File Exists: Overwrite (replaces the old file) or New + Suffix (creates a new file with a suffix).
OVERLAY	The frame used; by default it follows the template's overlay settings.

OPTIONS	Auto Upload Web QR — automatically uploads every result to the cloud.
TIMING	Delay Between Process — delay in seconds between processing steps, useful to prevent CPU/GPU overload.

14.2 Running and monitoring

The center panel shows the contents of the Source Folder and Result Folder along with the file count. The right panel has two tabs: Preview (the latest result) and Log (processing records, including failures).

The indicator at the top right shows Automation is OFF or ON. Press Start Automation to begin, and the same button to stop.

15. Gallery

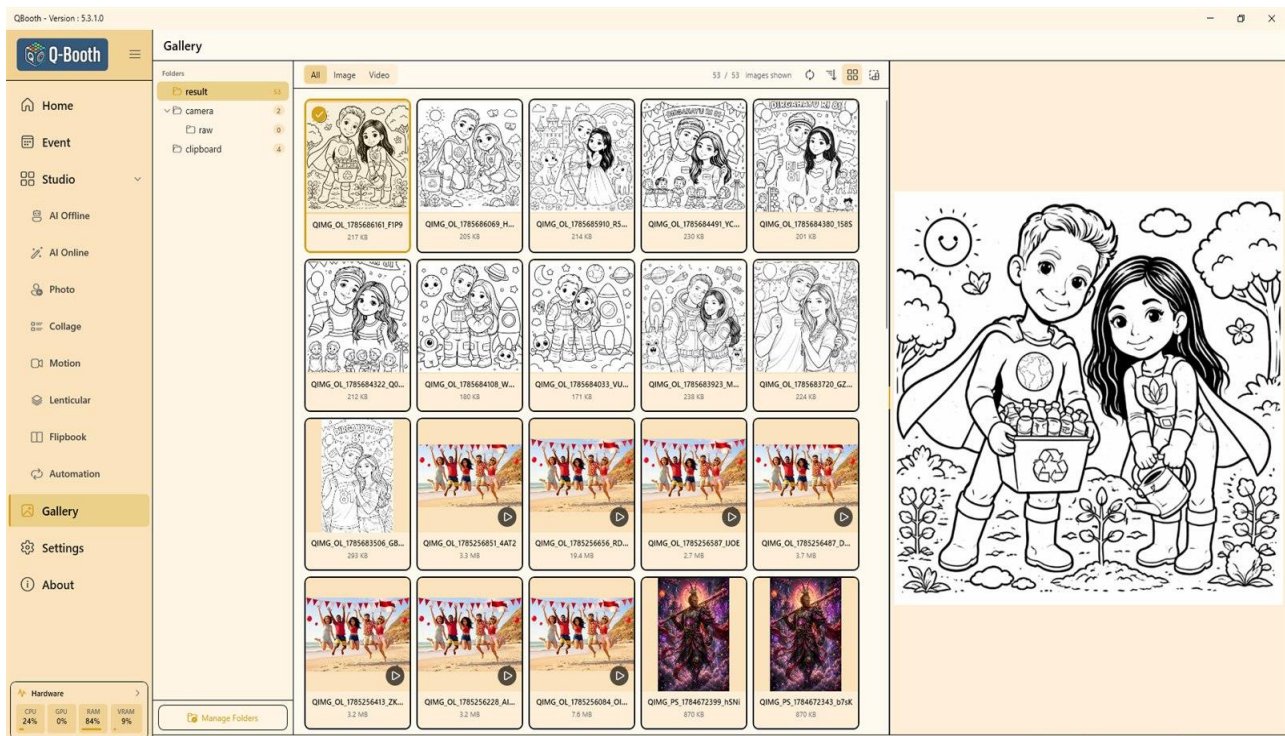


Figure 15.1 — Gallery Module.

Gallery is a central browser for all results on this computer, across events and across studios.

Control	Description
Folders (left panel)	List of monitored folders. By default, the results folder, camera folder, and clipboard folder.
Manage Folders	Adds or removes folders shown in the Gallery.
All / Image / Video	File type filter.
Counter	Example: 53 / 53 images shown.
Bottom row	Full path of the selected file, along with the Delete, Delete Multiple, and Share buttons.

Reading File Names

QBooth prefixes file names according to the studio that created them, so the origin of files is easy to trace:

Pattern	Origin
QIMG_AI_...	AI Offline Studio
QIMG_OL_...	AI Online Studio
QIMG_PS_...	Photo Studio
QIMG_COL_...	Collage Studio
QIMG_MS_...	Motion Studio
QIMG_LT_...	Lenticular Studio
IMG_... / CAM_...	Raw camera shot
CLP_...	Image from clipboard

The number after the prefix is a timestamp (seconds since epoch), followed by a four-character random code so that names never collide. The suffix marks the file's role: `_input` = copy of the original photo, `_img` = main image, `_vid` = final video.

The Gallery only scans one level inside the result folder and ignores folders that start with an underscore. Because of this, the contents of `_extras\` — such as collage layers or lenticular frames — do not appear in the list even though they exist on disk.

16. Settings

Open via Settings in the sidebar. The App Settings dialog has six tabs. New changes take effect after pressing Save Settings; Cancel cancels everything.

16.1 General

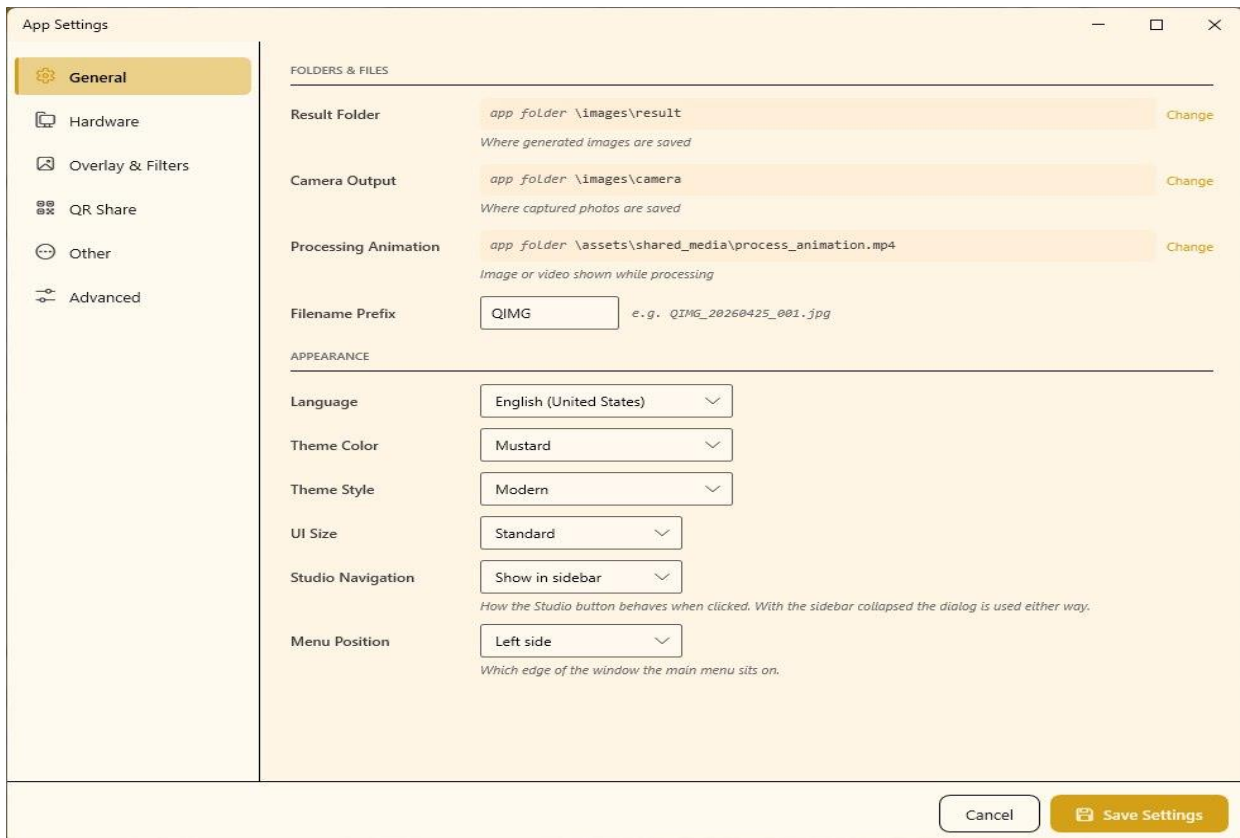


Figure 16.1 — Settings, General tab.

Folders and Files

Settings	Description
Result Folder	Where result images are stored. Default: <application folder>\images\result.
Camera Output	Where camera shots are stored. Default: <application folder>\images\camera.
Processing Animation	Image or video displayed during processing. Default: assets\shared_media\process_animation.mp4.
Filename Prefix	Global file name prefix, example result: QIMG_20260425_001.jpg.

Appearance

Settings	Description
Language	Interface language.
Theme Color	Application accent color, for example Mustard.
Theme Style	Visual style, for example Modern.
UI Size	Font and control scale — useful for touchscreens or high-resolution monitors.
Studio Navigation	The behavior of the Studio button when clicked (expanding or opening a dialog). When the sidebar is collapsed, a dialog is always used.
Menu Position	The side of the window where the main menu is placed (left or right).

16.2 Hardware

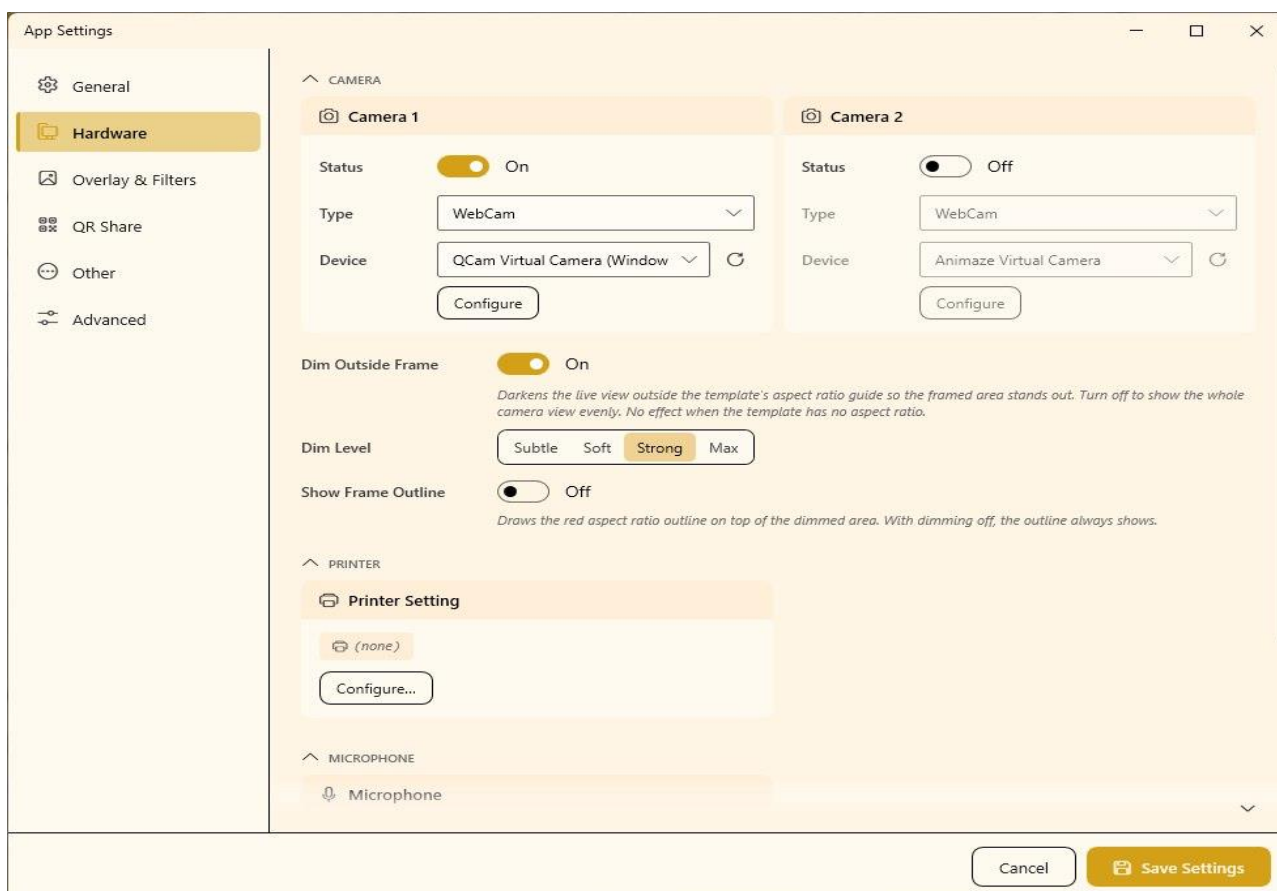


Figure 16.2 — Settings, Hardware tab.

Camera

QBooth supports two cameras simultaneously (Camera 1 and Camera 2) so guests can switch viewpoints via the Switch Camera button on the Camera Page.

Settings	Description
Status	Enables or disables that camera.
Type	Camera type: webcam/USB (including virtual cameras), Canon DSLR via EDSDK (Canon SDK), or GoPro.
Device	The specific device detected by the system.
Configure	Opens the detailed settings dialog according to the camera type.

Configure Webcam Dialog

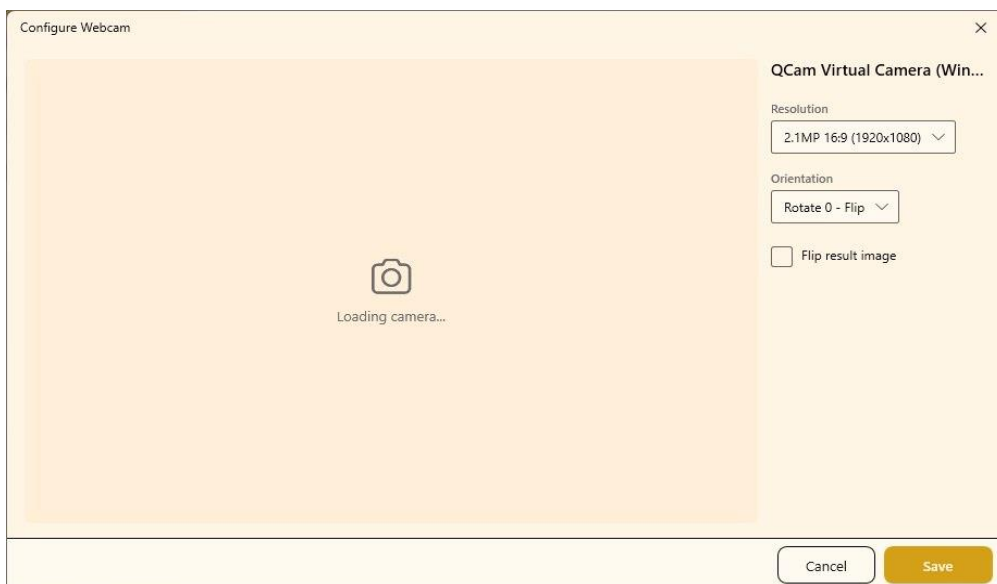


Figure 16.3 — Configure Webcam Dialog.

Settings	Description
Resolution	List of resolutions supported by the device, e.g. 2.1MP 16:9 (1920×1080), 1.2MP 4:3 (1280×960), 0.9MP 16:9 (1280×720).
Orientation	Rotate 0 / 90 / 180 / 270, each with a Flip (mirror) variant.
Flip result image	Mirrors the final result image, not just the live view.

Mirror effect. Live view is usually mirrored to feel natural for guests, while the final result typically isn't. Use Orientation for the view and Flip result image for the result.

For Canon DSLR, additional settings are available: save location, shooting mode, live view mode, and ISO, aperture, shutter speed, and white balance separate for live view and shooting. For GoPro, Wi-Fi connection, capture mode, resolution, fps, ratio, recording duration, auto-download, and file deletion on the camera are available.

Live View Frame Control

Settings	Description
Dim Outside Frame	Darkens the live view area outside the template ratio guide so the framed area stands out more. Has no effect if the template has no ratio.
Dim Level	Dimming intensity: Subtle, Soft, Strong, Max.
Show Frame Outline	Draws a red ratio boundary line over the dimmed area. If dimming is turned off, the line is always shown.

Printer

The Configure button opens the Printer Settings dialog:

Settings	Description
Printer	The printer in use.
Paper Size & Orientation	Paper size and print orientation.
Print Size Mode	How the image is scaled to the paper.
Margins	Top / Bottom Margin and Left / Right Margin, in centimeters.
Alignment	Horizontal Alignment and Vertical Alignment.
Printer Properties / Printer Preferences	Opens the built-in Windows printer driver dialog.
Test Print	Prints a test sheet to check margins and color.

Microphone

Settings	Description
Status	Enables audio recording (used by Motion Studio video clips).
Device	Microphone device.
Mic Level	Input gain 0–100%.
Test	Tests audio capture.

16.3 Overlay & Filters

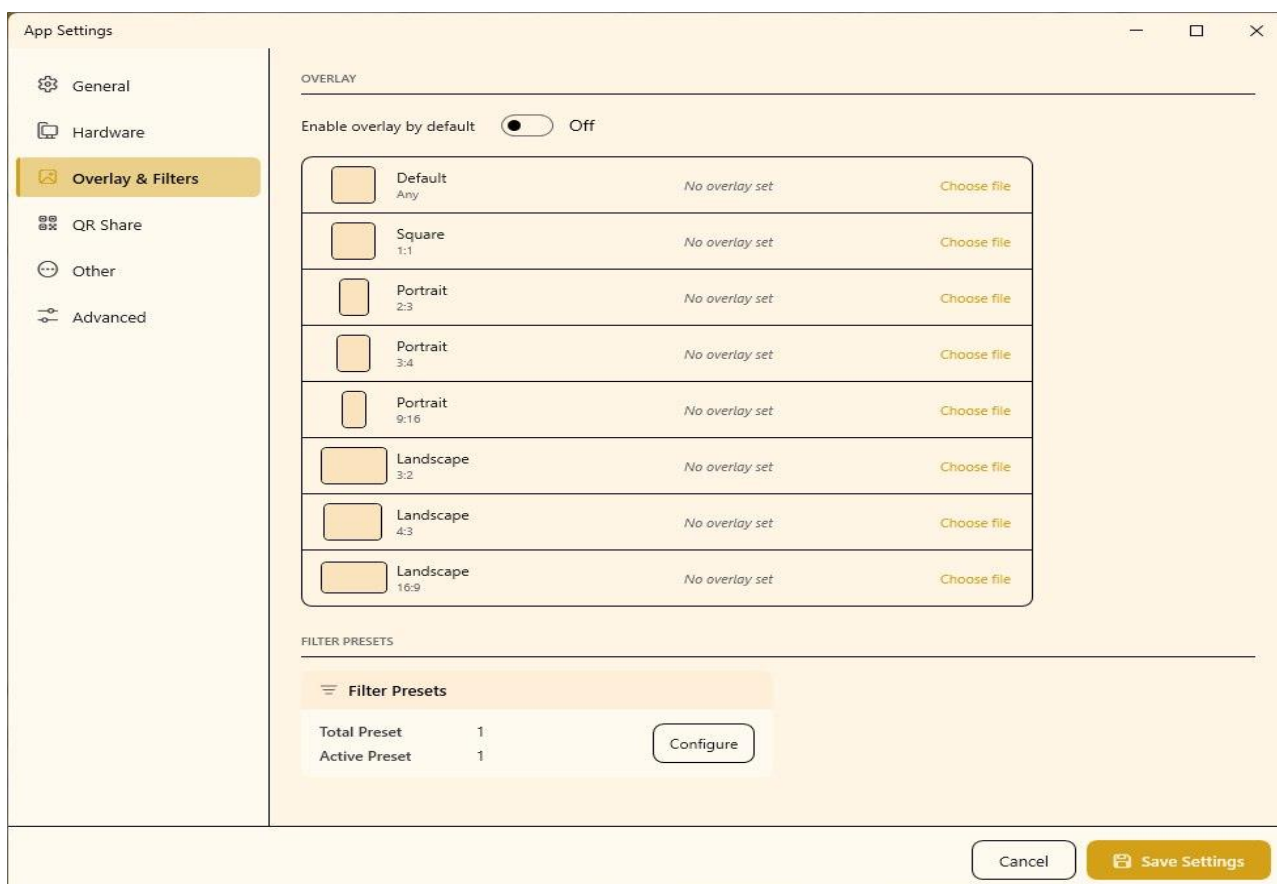


Figure 16.4 — Settings, Overlay and Filters tab.

Overlays here are the application's global frames, with slots per ratio the same as at the event level (Default/Any, 1:1, 2:3, 3:4, 9:16, 3:2, 4:3, 16:9). Priority order from strongest to weakest: template overlay → event overlay → global overlay.

Filter Presets displays the total number of presets and active ones. The **Configure** button opens the camera filter preset manager. QBooth includes:

- **Film LUT (files .cube):** 35mm Portrait, B&W, Bold Film, Coastal Film, Elite Chrome, Fashion Film, Free Spirit, Gold 200, Kodacrome 64, Moody Film, Moody Grade, Moody Stock, Pastel Morning, Polaroid Color, Warm Tones.
- **Textures:** Grunge, Light Leak, Smoke, Noise, and Paper.

16.4 QR Share

Figure 16.5 — Settings, QR Share tab.

Web QR

Settings	Description
Method	QBOOTH_API sends via the QBooth cloud service and requires an active subscription. The alternative is FTP to your own server, with fields for result URL, upload URL, timeout, username, password, and SSL option.
Check License Status	Checks the validity of the cloud subscription.
Test QR	Performs a test upload and displays the resulting QR code.

Local QR

Runs a small web server on the booth's own computer (default port 8000). Guests scan the QR code and download photos via local Wi-Fi — with no internet at all. Session, Check Status, and Test QR are available, as well as Wi-Fi SSID and password settings so the QR code also connects guests to the network.

Email Share

Settings	Description
Method	API via the QBooth cloud service (subscription required), or SMTP with your own server (host, port, SSL, username, password, sender name and address).
Test Send	Sends a test email to the address entered next to it.

Test the Test QR and Test Send features at the event location before guests arrive. The event location's network often blocks SMTP ports or restricts outgoing access.

16.5 Other

The screenshot displays the 'App Settings' window with the 'Other' tab selected. The left sidebar contains icons for General, Hardware, Overlay & Filters, QR Share, Other (highlighted), and Advanced. The main content area includes the following settings:

- Image Quality:** Set to 'Optimal (85)'. Description: 'The best choice for most cases. The picture looks perfect, but the file size stays very small. Great for sharing, saving on your phone, or printing standard photos (like 4R).'.
- Video Quality:** Set to 'Optimal (85)'. Description: 'The recommended choice for most cases. Videos look great and the file stays small enough to upload and share quickly.'
- Cancel Button Delay:** Set to 60 Seconds. Description: 'Time (in seconds) before the cancel button appears during processing. Default is 60 seconds.'
- Max Timeout:** Set to 180 Seconds. Description: 'Maximum time to wait before marking the process as failed. Default: 180 seconds (3 minutes).'
- AI-Online API Provider:** Set to 'fal.ai'.
- API Key:** A masked input field with a 'Show key' checkbox.
- Background Jobs:** A button labeled 'Open Job Monitor'. Description: 'View and manage the background job queue (uploads, logs, processing). Also opens anywhere with Ctrl+Shift+J.'
- Show in main menu for quick access:** A toggle switch currently set to 'Off'. Description: 'Display pending and error job counts in the sidebar above the hardware box. Click it to open the Job Monitor.'
- Backup & Restore:** A section with a description: 'Export your settings to a single file to back up before a reinstall, or to move them to another machine. Import replaces the current settings and restarts the app.' Below this are 'Export Settings...' and 'Import Settings...' buttons.

At the bottom right, there are 'Cancel' and 'Save Settings' buttons.

Figure 16.6 — Settings, Other tab.

Settings	Description
Image Quality	JPEG compression quality of the result. The default value gives an image that looks flawless with a small file size — suitable for sharing, storing on a phone, or printing at standard sizes such as 4R.
Video Quality	Quality of the resulting video file, balanced between appearance and upload speed.
Cancel Button Delay	Time in seconds before the cancel button appears during processing. Default 60 seconds.
Max Timeout	Timeout before the process is declared failed. Default is 180 seconds.
AI-Online API Provider	The online AI provider in use, along with the API Key field and the Show key checkbox.
Background Jobs	Open Job Monitor displays the background job queue (uploads, logs, processing). It can be opened from anywhere with Ctrl + Shift + J. The Show in main menu toggle displays the number of pending and failed jobs in the sidebar.
Backup & Restore	Export Settings... saves all settings to a single file. Import Settings... replaces the current settings and restarts the application.
Transparent WebM Converter	Open Converter turns a video into a transparent effect/overlay clip. Record with a green background (or plain background), then remove the background here.
Export Logs	Saves the application log files as a ZIP archive to send to the support team.

16.6 Advanced

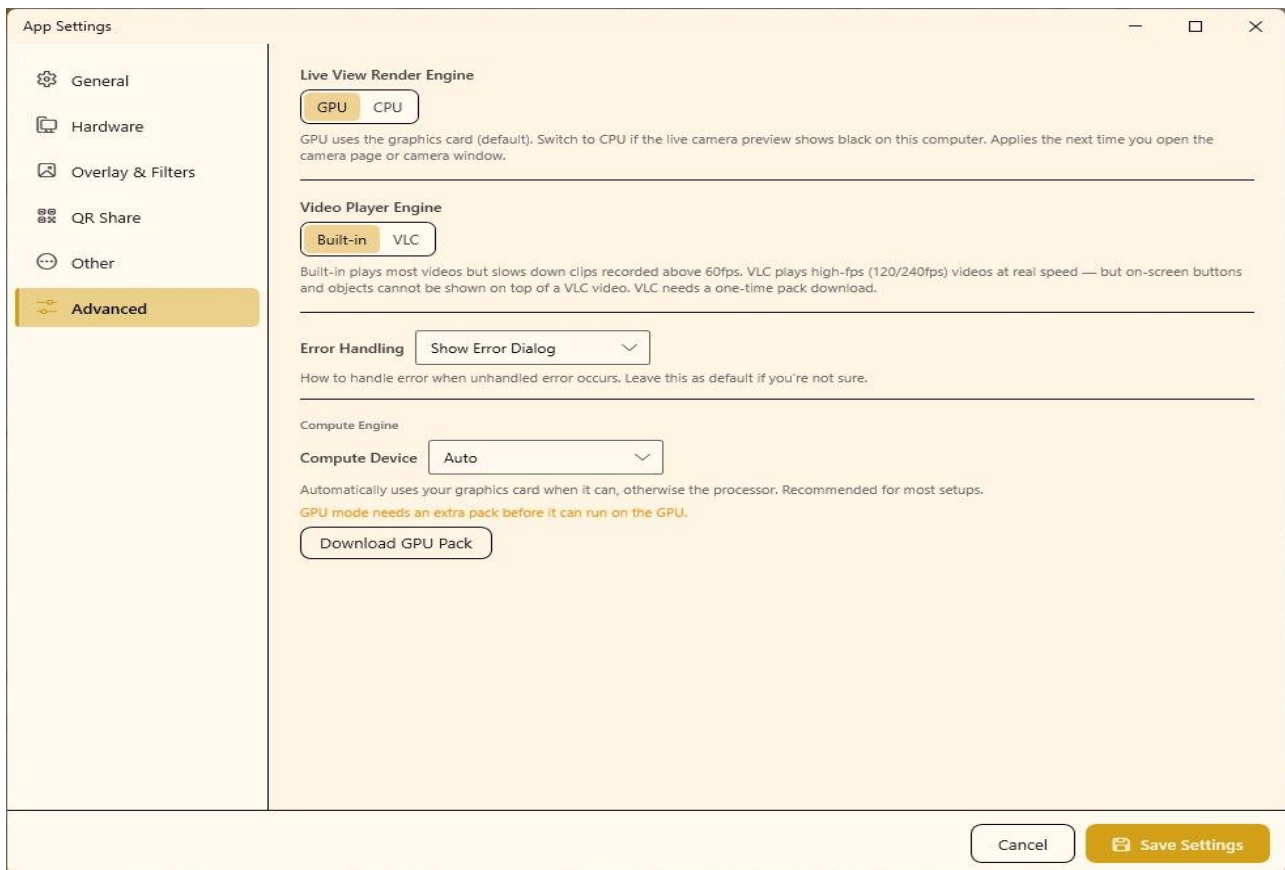


Figure 16.7 — Settings, Advanced tab.

Settings	Description
Live View Render Engine	GPU (default) uses the graphics card. Switch to CPU if the camera preview appears black on that computer. Takes effect the next time the camera page/window is opened.
Video Player Engine	Built-in plays most videos but slows down on clips above 60 fps. VLC plays high-fps video (120/240 fps) at true speed, but on-screen buttons and objects cannot be displayed on top of VLC video. VLC requires a one-time package download.
Error Handling	How the application handles unhandled errors. Leave at the default value if unsure.
Compute Device	The AI compute device. Automatic mode uses the graphics card when possible, otherwise it uses the processor. GPU mode requires an additional package via the Download GPU Pack button.

17. About and License

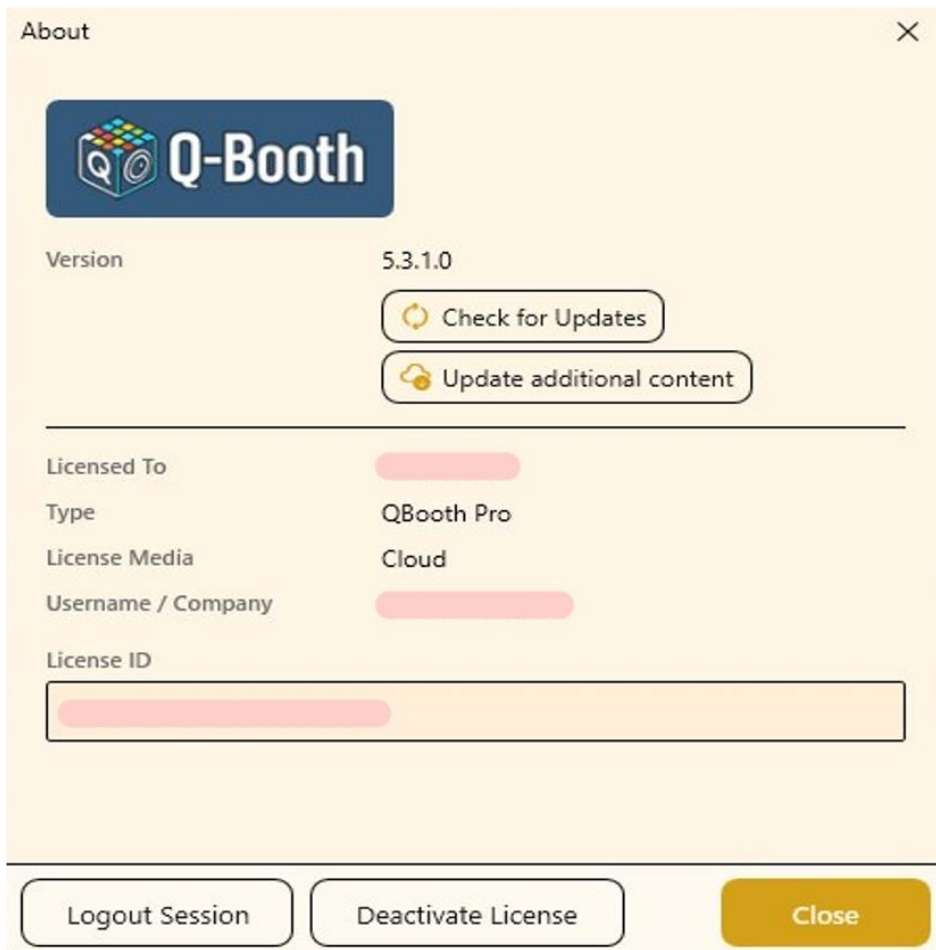


Figure 17.1 — About Dialog.

Item	Description
Version	Application version number, for example 5.3.1.0.
Check for Updates	Checks for and installs application updates.
Update additional content	Updates additional content: AI models, themes, shared assets, and the AI library.
Licensed To	License holder's name.
Type	Product type, for example QBooth Pro.
License Media	License medium: Cloud or hardware dongle.

Username / Company	Account and company name of the license holder.
License ID	License identifier.
Logout Session	Ends the cloud license session on this computer without releasing the license.
Deactivate License	Releases the license from this computer so it can be activated on another computer.

Always run Deactivate License before reformatting your computer or replacing main hardware. Otherwise, the license could be held on the old machine.

18. Reference

18.1 Keyboard shortcuts

Shortcut	Function
F5	Launch event (in the Event module) or Process (inside the studio).
F9	Preview of the page currently being designed.
F10	Simulate a session on the Camera Page.
Shift + F4	Exit kiosk mode while the event is running.
Ctrl + Shift + J	Opens the Job Monitor from anywhere.

18.2 File formats

Extension	Content
.qevent	An event design package (pages, templates, categories) without statistics and photos.
.qeventbak	Complete event backup: design, database, snapshots, results, and logs.
.qtheme	Ready-to-use event theme packages, such as Fun, Futuristic, TimeMachine.
.qsd	AI Offline Studio template (referred to as AI Studio in the code). Face Swap templates also use this extension — distinguished by a marker inside the file.
.qso	AI Online Studio template (Online Studio).
.qsp	Photo Studio template.
.qsc	Collage Studio template.
.qsm	Motion Studio template. Background music and assets are embedded, making the file self-contained.

<code>.qsl</code>	Lenticular Studio template.
<code>.qsf</code>	Flipbook Studio template.
<code>.cube</code>	LUT file for color filtering.

18.3 Folder structure

Folder	Content
<code>assets\</code>	Built-in assets: event themes, LUT filters, textures, videos, shared media, AI templates.
<code>events\</code>	One subfolder per event, using the Event ID. Contains the design, database, and the result and camera folders.
<code>images\</code>	Global folders: result, camera, clipboard.
<code>settings\</code>	Application configuration, interface state, and job database.
<code>log\</code>	Log file for diagnostics.
<code>backup\, exported_event\</code>	Event backup and export results.

18.4 Output ratio and resolution

Ratio	Resolution	Orientation
16:9	1920 × 1080	Landscape
4:3	1920 × 1440	Landscape
3:2	1920 × 1280	Landscape
1:1	1920 × 1920	Square
9:16	1080 × 1920	Portrait

3:4	1440 × 1920	Portrait
2:3	1280 × 1920	Portrait
Custom	free-form	—

19. Third-Party API Key for Online AI

Q-Booth supports the use of API keys from fal.ai and wavespeed.ai. This concept is called BYOK (Bring Your Own Key). You are free to use your own API key and manage its usage according to your needs. No markup fees, no price brokers! The cost to generate per AI image becomes cheap, the cheapest of all alternative photobooth software on the market. Because other software charges more to get a profit margin.



Welcome to fal 🙌

Login or sign up

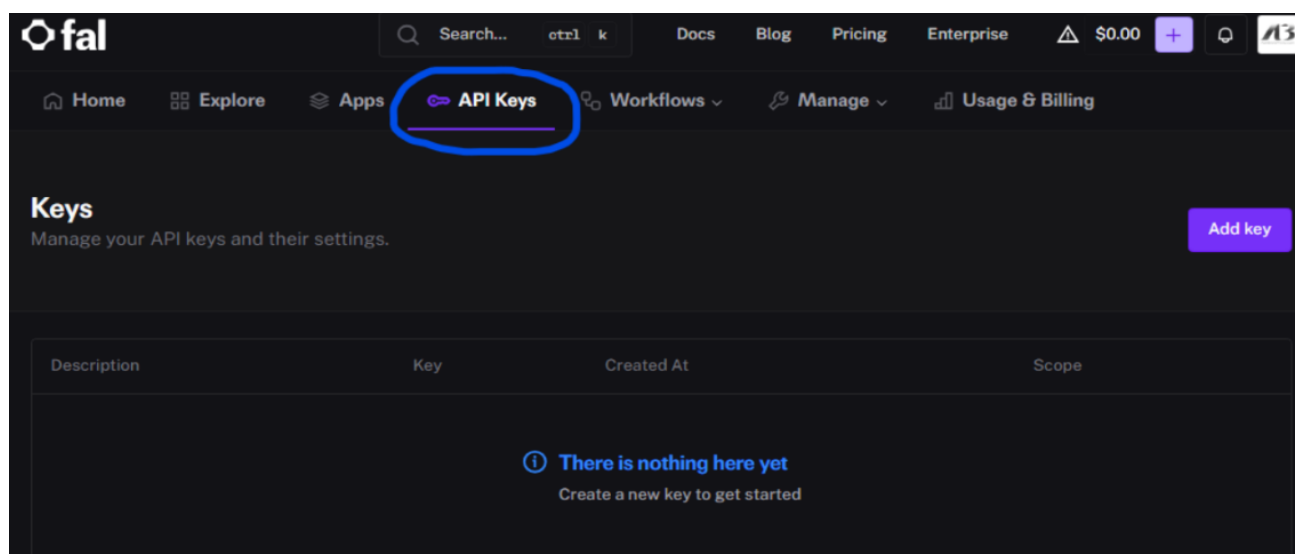
 Continue with GitHub

 Continue with Google

Continue with SSO

By clicking continue, you agree to our [Terms of Service](#) and [Privacy Policy](#)

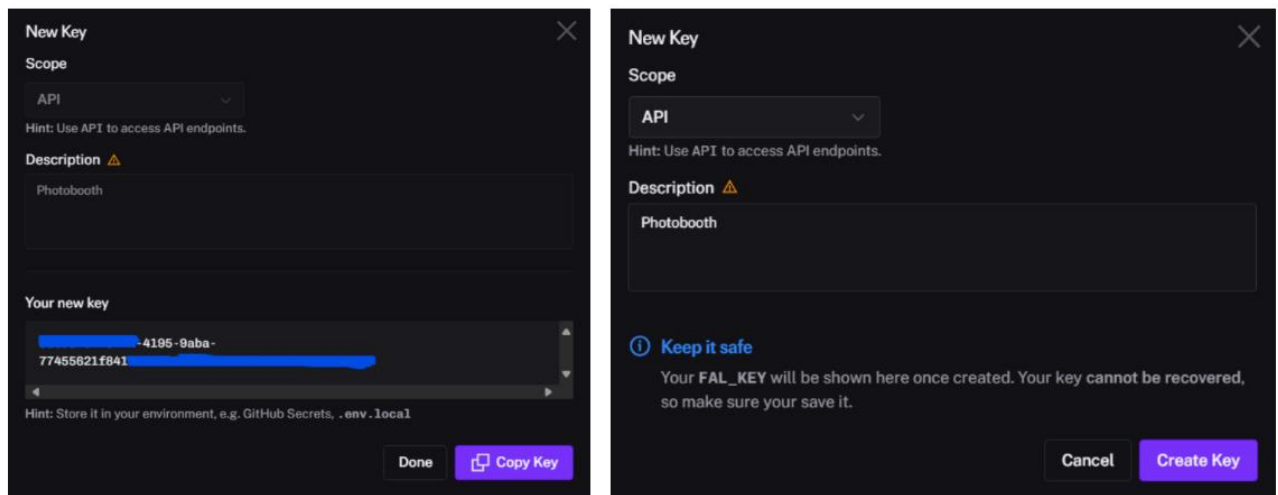
1. Open <https://fal.ai> in your browser and click Login. <https://fal.ai>
 - The easiest way to log in is to use your Google account.
2. After logging in, click API Keys from the menu.
3. Click Add Key.



- Type its description if needed (for example Q-Booth Online Studio).
- Click Create Key.

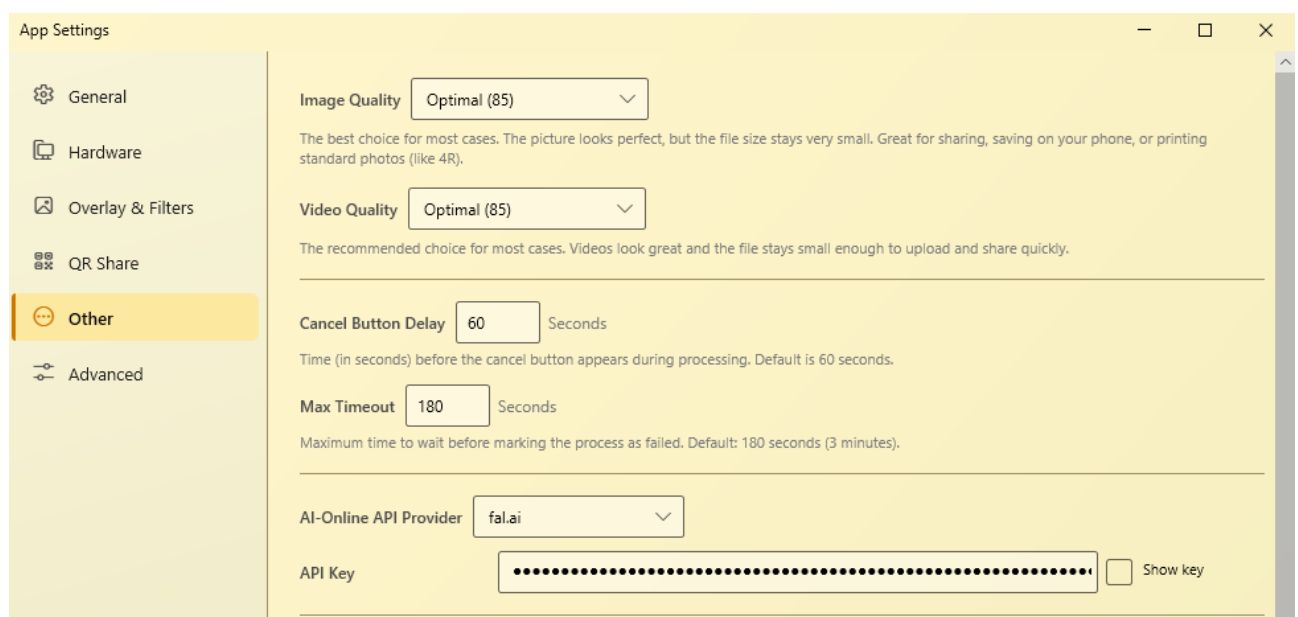
Copy the API key and store it somewhere safe.

⚠ Warning: You will not be able to view this API key again after closing the dialog window.



⚙ Entering the API Key in Q-Booth

1. Open Settings - Other.
2. Find the Fal.AI API Key field.
3. Paste the API key from earlier.
4. Click Save Settings.



20. Troubleshooting

Symptom	Cause and solution
Camera preview is black	Switch to Settings › Advanced › Live View Render Engine › CPU, then reopen the camera page.
AI Offline Server status remains offline	Check Settings › Advanced › Compute Device. If using GPU mode, download the GPU Pack first. Make sure no security software is blocking the local Python process.
AI Online process fails	Check the internet connection and the validity of the API Key in Settings › Other. Increase Max Timeout if the network is slow.
QR cannot be opened by the guest	For Web QR: run Check License Status and Test QR. For Local QR: make sure guests are connected to the same Wi-Fi and port 8000 is not blocked by the firewall.
Result email not sent	Run Test Send. If using SMTP, many event networks block ports 587/465 — use the API method as an alternative.
Print result cropped or shifted	Adjust the margins and print size mode in Settings › Hardware › Printer › Configure..., and make sure the template ratio matches the paper size.
Lenticular print blurry or ghosted	Repeat the Pitch Test for the combination of printer, paper, and lens used.
High-fps video stutters	Switch to Video Player Engine › VLC in Settings › Advanced. Note that on-screen elements cannot be displayed on top of VLC video.
Guest exits kiosk mode	Enable Block Alt + Tab and Block Windows Key, as well as Require PIN to exit, in Event › Settings.
Result does not appear in the gallery	Check Manage Folders in the Gallery module, and check External Result Folder in the event settings.
Application slows down after a long event	Open Job Monitor (Ctrl + Shift + J) to view pending jobs. Perform a Backup, then Reset Event to clear the accumulated results folder.

Before contacting support: run Settings - Other - Export Logs and attach the generated ZIP file along with the version number from the About dialog.

21. Event Preparation Checklist

H-1 — in the studio

1. Create or duplicate an event; set the name, cover, and ratio according to the booth monitor.
2. Prepare all suitable templates in the studio, then add them to the event.
3. Organize categories and determine their display mode.
4. Design all runtime pages; check each one with Preview (F9).
5. Prepare overlays for the ratios used.
6. Configure Sharing: upload mode, print limit, and email content.
7. Test a complete session with Simulate (F10) then Launch (F5).
8. Run Export Event as a design backup.

Event day — on site

1. Connect and test the camera in Settings › Hardware.
2. Print one test sheet to verify margins and colors.
3. Test the Test QR and Test Send features on the venue network.
4. Make sure the AI Offline Server status is Online when using an AI offline template.
5. Enable keyboard lock and exit PIN.
6. Check that disk storage space is still sufficient.
7. Run the event and perform one complete trial session until the print result comes out.

After the event

1. Open Report, check the KPIs, then Export HTML for the client report.
2. Export survey answers, if any.
3. Run Backup to save the entire event.
4. Copy the result folder to archive storage.
5. **Archive events to keep the list tidy.**

Q-Booth Pro — Manual Guide Version 5 · compiled based on application version 5.3.1.0. The appearance may differ slightly in newer versions.