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Product Videos

USER MANUAL · Version 1.0.0 · PrestaShop 1.7.8 – 9.x

1. What this module does

Add YouTube, Vimeo and MP4 videos to the product gallery, loaded only when played. Every product gets its own list of videos: a link to a YouTube or Vimeo video, or an MP4 file uploaded from your computer. On the product page and in quick view the videos appear as thumbnails with a play badge, in a row of their own directly under the picture thumbnails, inside the gallery. A click opens the player in a window over the page. Until that click the shop loads nothing from YouTube or Vimeo: the thumbnail is a cover picture stored on your own server.

The module does not play videos in place of the main picture, has no videos per combination, puts no video icon on product tiles, does not start videos by itself while the page loads, does not convert, compress or host videos elsewhere, accepts no other services (TikTok, Instagram, Dailymotion…) and adds no structured data for search engines.

Works with **PrestaShop 1.7.8, 8.x and 9.x** (PHP 7.2.5 or newer), with the Classic and Hummingbird themes and with multistore.

2. Installation

1. Download the module from **My account** → **Order history** at addonspresta.com.
2. In your Back Office, open **Modules** → **Module Manager** and click **Upload a module**.
3. Drop the `ap_productvideo_v1.0.0.zip` file and wait for the confirmation.
4. Click **Configure** on the module card.

If you have shell access, you can also unpack the zip into `modules/` and run `php bin/console prestashop:module install ap_productvideo` from the shop folder.

The installation creates the folder `img/ap_productvideo/` for the uploaded videos and covers. The module is switched on, **Show in quick view** is on and the largest video file is 50 MB. **Nothing changes in your shop until a product has a video**: a shop without videos does not even load the module's stylesheet and script. To start:

1. Open **Catalog** → **Products** and a product (in multistore, first select one shop in the Back Office header).
2. Open the **Modules** tab of the product page. When other modules also have a panel there, choose **Product Videos** in **Module to configure**.

3. Click **Add a video**, paste a YouTube or Vimeo link (or choose **MP4 file** as the **Source**), enter the **Title** and click **Save the video**.
4. Open the product page in your shop: the video thumbnail is under the picture thumbnails.

3. How it works

Where the videos are managed. In the panel of the module on the product page in the Back Office (**Catalog** → **Products** → the product → **Modules** tab → **Product Videos**), the same on PrestaShop 1.7.8, 8 and 9. Every action of the panel (add, edit, delete, switch on or off, move) is **saved at once**: you do not have to save the product, and the product's own **Save** button does not save anything of the panel. A video can only be added to a product that has been saved at least once; otherwise the panel says "Save the product first: videos can be added to a product that already exists."

Videos belong to a product and a shop. In a multistore each shop has its own list of videos for the same product, and you manage it in the context of that shop (see section 5). A product can have up to 20 videos in each shop. All combinations of a product show the same videos.

What the customer sees.

- A row of video thumbnails directly under the picture thumbnails of the product, inside the gallery, in the order of your list. Each thumbnail shows the cover of the video with a play badge, or a plain dark tile with the play badge when the video has no cover.
- A click (or Enter on the keyboard) opens the player in a window over the page: the YouTube or Vimeo player, or the browser's own player for an MP4 file, with the cover as its first picture. The video starts when the window opens; if a browser blocks that, the customer presses play in the player.
- The window closes with the **×** button, with the Escape key or with a click on the dark area around it. Closing stops the video and puts the keyboard focus back on the thumbnail. On a phone the window takes the full width of the screen. The window has the shape you chose for the video: landscape, portrait or square.
- The title of the video is not printed on the page. Screen readers announce each thumbnail as "Play video:" followed by the title, and the title names the player window. The title is in the language of the page, or in the default language of the shop when it is empty in that language.
- After a change of combination or quantity PrestaShop draws the gallery again; the videos come back with it.
- A browser that cannot open such a window (very old browsers) opens the video in a new tab instead.

Quick view. With **Show in quick view** on, the same row appears in the gallery of the quick view window of product lists, and the player opens above it; Escape then closes only the player. Two limits of the Classic theme: below 576 px of screen width Classic hides the whole gallery of quick view, so there are no videos either; and browsers older than Firefox 121 and Safari 15.4 show no videos in Classic's quick view. In Classic's quick view the videos sit on one line at the bottom of the gallery, which scrolls sideways when there are many. The product page is not affected by these limits.

Themes. The videos are printed by the hook `displayAfterProductThumbs`, which Classic (1.7.8, 8 and 9) and Hummingbird call inside the product gallery. Hummingbird calls it **only for products that have at least one picture**: a product without pictures shows no videos in Hummingbird (Classic shows them). A theme that does not call the hook shows no videos at all. Your theme developer can add this line to the theme's gallery template (in Classic and Hummingbird it is `templates/catalog/_partials/product-cover-thumbnails.tpl`), after the picture thumbnails and inside the gallery container:

```
{hook h='displayAfterProductThumbs' product=$product}
```

The row and the window take the fonts and colours of your theme; the module only sets sizes and spacing.

Privacy. While a page loads and while a customer looks at it, nothing is requested from YouTube or Vimeo: the covers are files of your shop, and the address of the player is only stored in the page. When the customer presses play, the customer's browser loads the player from `www.youtube-nocookie.com` (YouTube) or `player.vimeo.com` (Vimeo, with its "do not track" option), and from then on that service receives the visitor's request, including the IP address, and may set cookies under its own rules. MP4 files play from your shop itself and contact no other server. Version 1.0.0 has no integration with a cookie or consent banner: it does not ask the customer a second time, because pressing play is the customer's own action. Name YouTube and Vimeo in your privacy policy as the services that play your product videos; if your shop's rules require consent before any third-party player is loaded, use MP4 files for those products. **The module itself stores no personal data**: no customer data, no cookies, no browser storage.

Covers of YouTube and Vimeo videos — the module's only outgoing connections. When you save a link video, your server downloads its cover picture once: from `i.ytimg.com` for YouTube, from `vimeo.com` and then `i.vimeocdn.com` for Vimeo. This happens only in the Back Office, when an employee saves a video, never when a customer views the shop. The module sends nothing but the address of the cover, built from the video's id. The picture is re-encoded and stored in your shop; it is not downloaded again later. The download needs PHP's cURL extension and outgoing HTTPS connections from your server. When it fails, the video is still saved, with the dark tile as its thumbnail, and the panel says "The cover could not be downloaded from YouTube or Vimeo. The video is saved; edit it to upload a cover or to try the download again." The module makes no other connection: no licence check, no statistics, nothing to addonspresta.com.

Where the files are. Uploaded videos and all covers are stored in the folder `img/ap_productvideo/` of your shop, under random names that end in `.mp4` or `.jpg` — the name and extension of the file you uploaded are never used.

- **These are public files.** Like your product pictures, anyone who knows the address of a file can download it, also without visiting the product page. Do not upload a video that must stay private.
- **Backups and moves.** The videos live in this folder and in two database tables. A backup or a move of the shop to another server must include both, otherwise the thumbnails and the players are empty.

- **Disk space.** Every uploaded video takes its full size on the disk: 20 videos of 50 MB on one product are 1 GB. Files of deleted or replaced videos are removed at once.
- **Apache.** The module writes its own `.htaccess` file into the folder: it serves only the module's `.mp4` and `.jpg` files, runs no PHP there and tells browsers not to guess the type of a file. If the videos and covers do not load on an Apache server while your product pictures do, ask your host to check the server's error log for that file.
- **nginx.** nginx ignores `.htaccess` files. The folder is still safe because the module only ever writes `.mp4` and `.jpg` files with names it chose itself. As a general hardening of your server, ask your host to make sure the PHP location of the shop's nginx configuration contains the line below, so that nginx never hands to PHP an address that only looks like a PHP file (for example a video address followed by `/x.php`):

```
try_files $uri =404;
```

- **CDN and caches.** Browsers play and seek MP4 files with range requests (they ask for parts of the file); the shop answers them like any other web server. A CDN or cache in front of the shop must pass range requests and must not refuse files of the size you upload. A full-page cache serves the list of videos of the moment it stored the page: clear it after you change videos.

What happens to videos and their files.

- Deleting a video removes its video file and cover from the server.
- Deleting a product, or removing it from a shop of a multistore, deletes its videos in that shop with their files.
- Deleting a shop of a multistore deletes the videos of that shop.
- **Duplicating a product does not copy its videos.** Add them to the copy again.
- Disabling the module hides the videos in the shop and keeps everything (see section 6). Products deleted or removed from a shop while the module was disabled lose their videos when you enable it again.
- **Uninstalling or resetting the module deletes every video and cover** (section 6).

Who may see and change videos. The rights are set per profile in **Advanced Parameters → Team → Permissions**.

- To **see the panel** on the product page, an employee needs the module's **View** permission and view access to **Catalog → Products**.
- To **change videos** (add, edit, delete, switch, move), the employee also needs the module's **Configure** permission and edit access to **Catalog → Products**. With View only, the panel shows the list without buttons and the note "You can see the videos but not change them: that needs the Configure permission of the module and edit access to Catalog > Products." A SuperAdmin may always do everything.
- On PrestaShop 8 and 9 the product page of the Back Office opens only with edit access to **Catalog → Products**, so there the list without buttons is what an employee with that access but

without the module's **Configure** permission sees; view access alone shows it only on PrestaShop 1.7.8.

- The configuration page of the module needs the **Configure** permission.
- The panel sends its actions to a hidden technical page of the module named "Product Videos". Hidden pages are not listed on the Permissions page, so the module gives the read access of this page to every profile at installation, and to every profile created later (also to profiles created while the module was disabled, when you enable it again). **That access grants nothing by itself**: it only lets the panel's requests reach the module, where the permissions above decide. It is removed from every profile when the module is uninstalled.

Server requirements. PHP's fileinfo extension checks uploaded videos (without it no MP4 file can be uploaded), the GD extension re-encodes covers, cURL downloads covers of links, and the exif extension, when present, turns phone photos used as covers upright. Most hosts have all four.

Failures. If the module cannot show the videos of a product, the page is shown without them and one line at most per hour is written to **Advanced Parameters → Logs**, starting with "Product Videos:". A failed action of the panel is logged there too.

4. Features and settings

Open **Modules → Module Manager → Product Videos → Configure**. The **Help** box at the top links this manual and the module page at addonspresta.com in the language of your Back Office, gives our support address and shows the installed version. Below it are the **Settings** and the list **Products with videos**. The videos themselves are managed on the product page (below, "Videos of a product").

Settings

Saved for the shop or shop group selected in the Back Office header with **Save**; "Settings saved." confirms it.

Enabled

On after the installation. Off: the shop shows no videos and loads none of the module's files; the videos, their files and the panel on the product page stay, so you can prepare videos before you switch it on. The description under the switch reminds you that videos play in a window over the page and that pressing play contacts YouTube or Vimeo.

Show in quick view

On after the installation: the videos also appear in the quick view window of product lists. Because quick view can open from any product tile, the module then loads its small stylesheet and script on every page of a shop that has at least one switched-on video. Off: they load on product pages only, and quick view shows no videos.

Largest video file

The largest MP4 file an employee can upload, in MB, from 1 to 2048 (50 by default). Another value is refused with "The largest video file must be a whole number of megabytes from 1 to 2048." The description under the field shows what your server accepts ("This server accepts uploads of up to … MB."). The real limit is the smaller of the two: when the setting is higher than the server, a warning says "The server accepts uploads of up to … MB (upload_max_filesize and post_max_size of PHP), less than the largest video file set below: larger files are refused."

The server limit is the smaller of the PHP settings `upload_max_filesize` and `post_max_size`. To upload larger videos, ask your host to raise both (in `php.ini` or the PHP settings of the hosting panel), `post_max_size` about 10 MB above `upload_max_filesize` because the cover travels in the same request, for example:

```
upload_max_filesize = 200M
post_max_size = 210M
```

On nginx the setting `client_max_body_size` must allow the same size, and slow connections may also need a longer `max_input_time`.

Products with videos

The list shows the products that have at least one video in the shops of the Back Office context that you manage, 50 per page: **ID**, **Product** (the name, shown to employees who may view **Catalog** → **Products**; the others see the ID only), **Shop** (in a multistore), **Videos**, **Switched on** (how many of them are on) and the link **Open the product**. It is read-only; "No product has a video yet." while the list is empty.

Videos of a product

On the product page: **Modules** tab → **Product Videos**. The panel says "The videos are shown as thumbnails under the picture thumbnails of the product gallery and play in a window over the page." and lists the videos of the product in the selected shop, in the order the customer sees them, with the columns **Cover**, **Title** (with the link of a YouTube or Vimeo video under it), **Type** (YouTube, Vimeo or **MP4 file**), **Player shape**, **Status** (**On** or **Off**) and **Actions**:

- **Move up** and **Move down** change the order ("The order was changed.");
- **Switch off** and **Switch on** hide or show the video in the shop without deleting it;
- **Edit** opens the form;
- **Delete**, after the question "Delete this video? Its files are removed from the server.", deletes the video with its files.

Add a video under the list opens the form; with 20 videos it is replaced by "A product can have up to 20 videos." While a file is being sent, the panel shows the progress ("Uploading… 42%").

The form (**Add a video** or **Edit the video**; **Save the video** stores it and shows "The video was saved.", **Cancel** goes back to the list):

- **Source** (only when adding; it cannot be changed later — to turn a link into a file, delete the video and add it again): **YouTube or Vimeo link** or **MP4 file**.

- **Link to the video** — the address of the video, as you copy it from YouTube or Vimeo:
  - YouTube: `youtube.com/watch?v=…`, `youtu.be/…`, `youtube.com/shorts/…`, `youtube.com/live/…`, `youtube.com/embed/…` and `youtube.com/v/…`, also with `www.`, `m.` or `music.` and on `youtube-nocookie.com`;
  - Vimeo: `vimeo.com/123456789`, `vimeo.com/video/…`, `vimeo.com/channels/…/123456789`, `vimeo.com/groups/…/videos/123456789` and `player.vimeo.com/video/123456789`;
  - **unlisted Vimeo videos** need their privacy hash: paste the full link, for example `vimeo.com/123456789/abcdef1234` or a link with `?h=abcdef1234`. A link whose hash is not a valid hash is refused, because the video would not play without it.

  `https://` may be left out. The module keeps **only the id of the video** (and the Vimeo hash) and builds every address itself; the form shows the link again in a standard form. Anything else in the link is not kept, such as a start time or a playlist. Other addresses — channels, playlists, search pages, other services — are refused with "This is not a link to a YouTube or Vimeo video the module recognises. Paste the address of the video page, for example https://www.youtube.com/watch?v=... or https://vimeo.com/..." A link can later be replaced by another link, also of the other service. The video must be public or unlisted and its owner must allow embedding on other sites; otherwise the player shows the service's own error.
- **Video file** — an MP4 file of up to the limit shown under the field (see **Largest video file**). It is published **as it is, without conversion**: H.264 video with AAC sound plays in every browser; other codecs may not. The module checks the content of the file, not its name: a file that the server does not recognise as MP4 — a renamed `.mov` QuickTime file, for example — is refused with "The file is not an MP4 video. Export it as MP4 (H.264 video, AAC sound) and upload it again." Re-export it from your video editor as MP4 with H.264 and AAC. When you edit a file video, "Leave empty to keep the current file."; a new file replaces the old one, which is deleted. What happens when a file is too large:
  - above the limit shown under the field, the panel stops before sending: "The video file is larger than … MB, the limit for uploaded videos.";
  - above PHP's `post_max_size`: "The upload is larger than the server accepts in one request (… MB), so nothing arrived. Choose a smaller file or raise post_max_size and upload_max_filesize on the server.";
  - refused by the web server itself (for example nginx's `client_max_body_size`): "The server did not answer as expected. Reload the page and try again; if you were uploading a file, it may be larger than the server accepts."
- **Title** — one field per language of the shop. Required in the default language of the shop (marked with `*`); a language left empty uses it. Up to 255 characters of plain text: the characters `<` and `>` are refused. The title is read by screen readers and names the player window.
- **Player shape** — **Landscape (16:9)** (default), **Portrait (9:16)** or **Square (1:1)**: the shape of the player window. Choose the shape of your video; the module does not detect it. A `shorts/` link selects **Portrait (9:16)** by itself.
- **Cover image** — optional, recommended for MP4 files. JPG, PNG or WebP (the formats your server can read are listed under the field), up to 5 MB, up to 12 megapixels and at least 16 pixels

on each side. The module always re-encodes it as a JPEG of at most 1280 pixels on the longer side: transparent parts become white and the metadata of the file (camera, location…) is removed. The cover is processed before the video file is stored, so a picture refused as too large for the server's memory leaves nothing behind: "The cover is not an image the module accepts, or it is too large to process (more than 12 megapixels)."
    - For a link without an uploaded cover, the cover of YouTube or Vimeo is downloaded when you save (section 3). When you change the link, a new cover is downloaded, unless you had uploaded your own; if that download fails, the video gets the dark tile.
    - **Download the cover again from YouTube or Vimeo** (when editing a link video) replaces the cover with the one of the service, also after you had uploaded your own. If the download fails, the current cover stays.
    - An MP4 file video has no cover until you upload one: "Recommended: without a cover the thumbnail is a plain dark tile with the play icon."
- **Enabled** — a switched-off video is kept but not shown in the shop.

Under the form: "The Hummingbird theme shows videos only for products that have at least one picture."

When a value is wrong, nothing is saved and the form shows the message above your values, for example "Enter the title in the default language of the shop.", "The title is plain text: the characters < and > are not allowed.", "Choose the MP4 file to upload." or "Video files cannot be checked on this server: the PHP extension fileinfo is missing."

5. Multistore

Videos belong to one shop. In the All shops or a group context the panel on the product page says "Choose a shop in the header to manage the videos of this product: every shop has its own list of videos." (on PrestaShop 8 and 9 the product page itself asks for one shop). Select the shop in the Back Office header; the panel then shows and changes the list of that shop only. Nothing is shared or copied between shops: to show a video in two shops, add it in each. The panel is shown only for products of a shop that you manage.

Settings are saved for the shop or shop group selected in the header. Values saved with **All shops** apply to every shop that has no value of its own. In the All shops or a group context only an employee who manages every shop of that context can save ("Select one of your shops in the header to change the settings: in the All shops or group context they also apply to shops you do not manage.").

Each storefront shows the videos of its own shop, with that shop's settings. One licence covers every shop of the installation.

6. Uninstall

Module Manager → Product Videos → Uninstall deletes every video of every shop, every uploaded video file and every cover. It drops the two tables of the module, deletes its settings and

its hidden technical page with the access given to the profiles, and deletes the module's files in `img/ap_productvideo/` and then the folder. **Reset** in the Module Manager does the same and then installs the module again, empty. There is no way back except a backup of the database and of the folder. If the folder holds files the module did not create, those files and the folder stay; a folder that is a link to another place is left untouched. What is kept: the declaration of the module's event for developers, so that other modules attached to it keep their place.

Disable keeps the videos, files and settings: while the module is disabled the shop shows no videos and the panel is not shown on the product page. When you enable it again, profiles created meanwhile get the access to the hidden page, and the videos of products deleted or removed from a shop meanwhile are removed with their files.

7. FAQ and troubleshooting

The product page shows no videos. Check in this order:

1. **Enabled** is on in the **Settings** of that shop, and the module is enabled in the Module Manager.
2. The video is switched on (**Status On** in the panel).
3. The video was added in the shop you are looking at: in a multistore every shop has its own list.
4. In Hummingbird, the product has at least one picture.
5. Your theme calls the hook `displayAfterProductThumbs` (Classic and Hummingbird do; for other themes see "Themes" in section 3).
6. For quick view: **Show in quick view** is on; in Classic, the screen is at least 576 px wide.
7. A full-page cache or CDN may serve an older copy of the page: clear it.

If they still do not appear, look in **Advanced Parameters** → **Logs** for an entry starting with "Product Videos:".

The upload of an MP4 file fails. The message says why. "The video file is larger than … MB" or "The upload is larger than the server accepts in one request": choose a smaller file, or raise **Largest video file** and the PHP limits `upload_max_filesize` and `post_max_size` (section 4). "The server did not answer as expected": often the web server refused the size (nginx `client_max_body_size`) or the upload took longer than the server allows. "The file is not an MP4 video": export the video again as MP4 with H.264 video and AAC sound. "The file could not be written to the folder img/ap_productvideo. Check that the folder img is writable.": the web server needs write access to `img/`.

A YouTube or Vimeo video has no cover. Your server could not download it: PHP's cURL extension is missing, outgoing HTTPS connections are blocked, or the service did not answer. Edit the video and tick **Download the cover again from YouTube or Vimeo**, or upload a cover of your own.

The video does not play in the window. YouTube or Vimeo show their own message when the video is private, removed or not allowed on other sites by its owner; for an unlisted Vimeo video, check that the link contains its hash. An MP4 file that shows a black picture or plays without sound uses a codec the browser cannot play: export it again with H.264 video and AAC sound.

"You do not have permission to do this." or no panel on the product page. Seeing the panel needs the module's **View** permission and view access to **Catalog → Products**; changing videos also needs **Configure** and edit access (section 3, "Who may see and change videos").

"The page has expired. Reload it and try again." or "The product or the shop selected in the header has changed. Reload the page." Your session changed or the shop was switched in another tab. Reload the product page.

After a move to another server the thumbnails are empty or the videos do not play. The folder `img/ap_productvideo/` was not copied. Copy it from the old server with all its files; the database already holds the names.

Can a video play in place of the main picture, or appear before the pictures? No. In version 1.0.0 videos always play in a window over the page, and their thumbnails always sit under the picture thumbnails.

Can a combination have its own video? No. Every combination of a product shows the same videos.

How do I get the cover of YouTube or Vimeo back after uploading my own? Edit the video and tick **Download the cover again from YouTube or Vimeo**.

A text of the module is still in English in my Back Office. Open **International → Translations → Installed module translations**, select the module and your language, and check the translation.

8. Updates and support

Updates are free for life: download new versions from **My account → Order history** at addonspresta.com and upload them like a new module. Your videos, files and settings are kept.

Support is included for 12 months from your order: write to **mail@addonspresta.com** or use the contact form at addonspresta.com (Monday to Friday, 10:00–16:00; we usually answer within 2 business days). Please include your PrestaShop version, the module version and the steps that lead to the problem.