



CopySafe Video Extension for Joomla 3

About this Extension and CopySafe Video

This Joomla extension enables websites using the Joomla CMS to upload, display and manage pages and posts that display protected video created by the CopySafe Video software. CopySafe Video software is a separate application to this Joomla extension and a license is required to apply Domain Lock on protected video so that they remain secure while displayed on your website.

This plugin does not provide copy protection on its own, but it does provide the means of displaying CopySafe Video on your web pages, and it is the CopySafe Video browser plugin that provides copy protection. Otherwise this Joomla plugin is provided as a free add-on.

Domain Lock

Using Domain Lock prevents your protected video from being exploited as it prevents your encrypted video from being displayed on any other website. To use Domain Lock, you first need a licensed version of the CopySafe Video Encoder software.

Using CopySafe Video in Joomla Web Pages

CMS solutions like Drupal, WordPress, Joomla and others make it easy for non-technical people to create and manage sophisticated websites. But adding new functions requires complex programming that can be beyond most web designers. So a plugin like this one is provided as an add-on, so that new functions like the display of CopySafe Video videos, can be managed from the Joomla page editor.

Browser Support

The latest versions of popular browsers are useless for copy protection and cannot display encrypted video. However the ArtisBrowser, one properly designed to protect media rather than exploit it, will provide no-nonsense support for this CopySafe solution. Firefox and Chrome may be used for debugging only but will not display this video..

Watermarking

CopySafe Video version 7.0 and later browser plugins now support optional watermarks. Watermarks can be enabled or disabled from plugin settings. When enabled, if the web page is accessible to non-logged in users, then their IP address and current date will be overlaid onto the video.

Font style, font size, font color and its position in the video area can be nominated in plugin settings.

Note: ArtisBrowser version 30.0 or later is required to display CopySafe Video 7.0 videos and watermarks.

Installing the CopySafe Video extension for Joomla

This extension can be installed like most other Joomla extension by dragging the install file to the install window in your Joomla dashboard.

The file from artistcope.com contains a user-guide and test video file for 'localhost', so it needs to be unzipped to produce:

- CopySafeVideo_Joomla.pdf
- Localhost_vid.class
- pkg_copysafevideo.zip (installer)

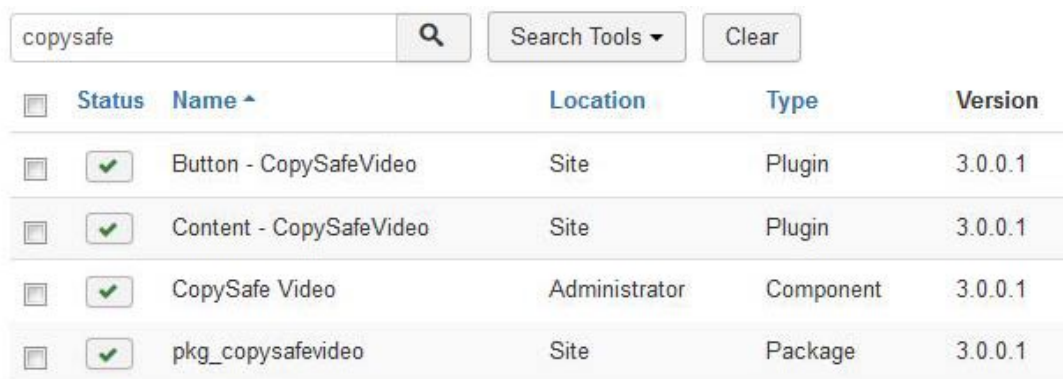
Preparation

The easiest install is by using the **Upload & Install Joomla Extension** option but it requires write permissions on the following folders for the "apache" user:

```
/administrator/components/  
/administrator/language/  
/administrator/manifests/packages/  
/components/  
/images/  
/plugins/content/  
/plugins/editors-xtd/  
/tmp/
```

Installation for Joomla 3.0 using Joomla Admin Tools

1. Download the package and unzip to extract the instructions and installer.
2. From your site administration, select Extensions -> Extension Manager.
3. Click the Browse button and select **pkg_copysafevideo.zip** for upload.
4. Click the Upload File & Install button. It will say that "Installing package was successful."
5. From the Extension Manager Page, click Manage on the left sidebar, then in the Search Field, input "CopySafe" to find all the CopySafe plugins.
6. Enable All of the CopySafe plugins...



The screenshot shows the Joomla Extension Manager search results for 'copysafe'. The search bar contains 'copysafe' and a search icon. Below the search bar, there are four search results, each with a checkbox, a status icon (a green checkmark), a name, a location, a type, and a version number.

<input type="checkbox"/>	Status	Name ^	Location	Type	Version
<input type="checkbox"/>	✓	Button - CopySafeVideo	Site	Plugin	3.0.0.1
<input type="checkbox"/>	✓	Content - CopySafeVideo	Site	Plugin	3.0.0.1
<input type="checkbox"/>	✓	CopySafe Video	Administrator	Component	3.0.0.1
<input type="checkbox"/>	✓	pkg_copysafevideo	Site	Package	3.0.0.1

7. Add "class" filetype to allowed file types...

Joomla! Media Manager Options

Save Save & Close Cancel Help

SYSTEM
Global Configuration

COMPONENT
Banners
Cache Manager

Component Permissions

Legal Extensions (File Types)

Maximum Size (in MB)

* must be in alphabetical order and both lowercase and UPPERCASE

NOTE:

After installation, if file upload fails and reports errors like "Failed to open output stream" or "Failed to open temp directory" check that the upload folder does exist and has write permissions for "apache". The upload folder should be found at **/images/copysafevideo/**.

Default Settings

Go to Administration » Components » CopySafe Video

1. You will see a list of video .class files if you have already uploaded some.
2. Click on *Options* to edit your default settings.

Mode	<input type="text" value="Licensed"/>
Viewer Width	<input type="text" value="600"/>
Viewer Height	<input type="text" value="400"/>
Minimum version for ArtisBrowser	<input type="text" value="30.0"/>
Allow Remote	<input type="radio" value="No"/> No <input checked="" type="radio" value="Yes"/> Yes
ArtisBrowser	<input type="radio" value="No"/> No <input checked="" type="radio" value="Yes"/> Yes
Chrome (for test only)	<input checked="" type="radio" value="No"/> No <input type="radio" value="Yes"/> Yes
Firefox (for test only)	<input checked="" type="radio" value="No"/> No <input type="radio" value="Yes"/> Yes

These settings set a default that applies to all CopySafe Video pages, unless otherwise specified on the individual pages.

Mode

You can set the Mode and change it at any time for debugging purposes:

1. Demo Mode - displays a placeholder image.
2. Licensed Mode - displays encrypted video and activates the CopySafe Video browser plugin.
3. Debugging Mode - displays the html used in the embed tag in a text area form object.

Viewer Width is the width of the player window in pixels and **Viewer Height** is the height in pixels.

Allow Remote can enable access from remote or virtual partitions, such as when Mac users install Parallels to run Windows on their Mac. Remote viewing enables screenshots and is not recommended.

Select Browsers

This selection enables site owners to control who can access their protected video pages. If a browser is not allowed, then site visitors using that web browser will be redirected to a page explaining that their browser has not been permitted by the site owner.

As of late 2015, the ArtisBrowser is the only web browser that can display copy protected web content. However admin can use Firefox or Chrome for checking redirection and download pages.

ArtisBrowser Minimum Version

ArtisBrowser is updated sometimes to improve security and sometimes CopySafe plugins can be updated which may not be compatible with earlier versions. So to ensure that your users have the latest version or the version that supports your CopySafe files, you can set the minimum version of ArtisBrowser that will be allowed. An earlier versions than what you nominate will be redirected to download the latest version of ArtisBrowser.

Player Window Size

You must nominate the width and height of the player window to accurately match the proportions of your video. However you can display it smaller providing that you keep the same with-height ratio.

Note: that you need to add 40 pixels to the height of the video for the player's toolbar.

CopySafe Video Player Installation

Viewing protected video displayed on a web page using a web browser requires a browser plugin. By installing the ArtisBrowser the CopySafe Video browser plugin will be included. In fact, the ArtisBrowser includes support for all CopySafe solutions.

Customizing the Download Pages

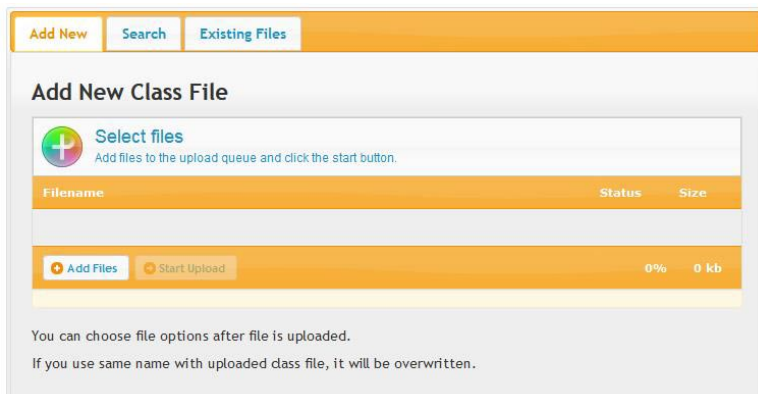
Any files found in the CopySafeVideo folder that use “download” in their file name can be safely edited.

Licensing

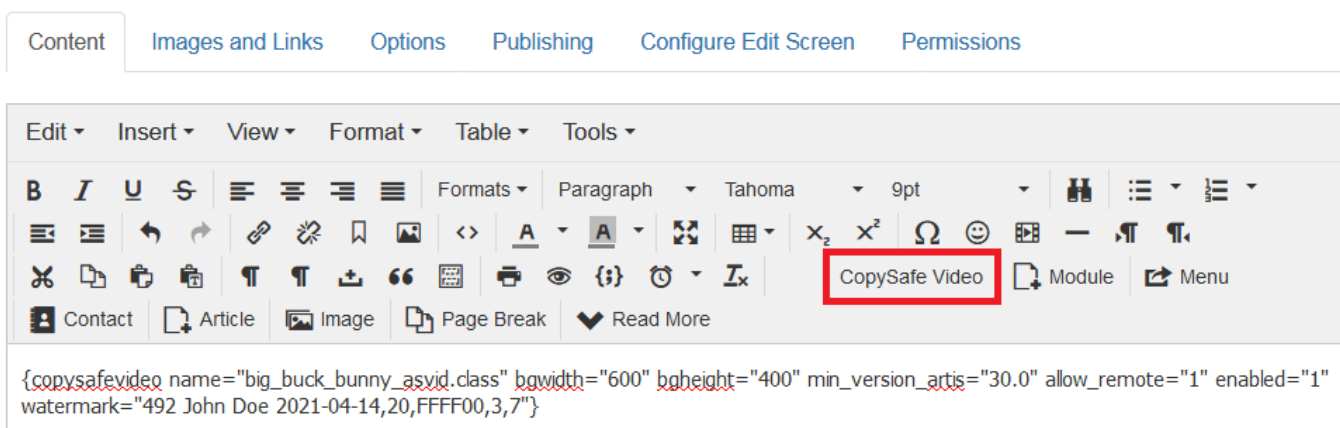
This Joomla extension is free. However, you will need a license to use the CopySafe Video Encoder and Domain Lock. See – https://artistscope.com/copysafe_video_protection.asp

Using the Joomla Extension for CopySafe Video

Add the code to display encrypted video at the cursor position by clicking the *CopySafe Video* button:



Here you can upload new video .class files or select from existing uploads. Then click **Start Upload**. When the upload completes you will see the window for Page Settings. After selecting the settings for this image display, then click “Save”.



The width and height settings (loaded by default) may need adjusting to suit the scale of this particular video and your page.

Editing the Shortcode

Once the shortcode for your encrypted images is added and the page has been saved, you may no longer be able to edit the shortcode by clicking on the CopySafe Video button. But now that you have shortcode in your page you can edit it manually at any time.

bgwidth is the width of the reader window in pixels and **bgheight** is the height in pixels..

allow_remote can enable access from remote or virtual partitions such as when Mac users install Parallels to run Windows on their Mac. Remote viewing enables screenshots and is not recommended.

Watermarks

CopySafe Video 7.0 is capable of overlaying a watermark that will display the IP address and date if the user is not logged in, and if the user is logged in, it can display the user's ID, name and date.

The user's details will be drawn from the website's database and populated dynamically as the page loads.

CopySafe Video Settings Watermark Setting Permissions

Watermark Text Style Setting

Enabled	<input type="radio"/> No <input checked="" type="radio"/> Yes
Text Size (in pixels)	<input type="text" value="20"/>
Text Color	<input type="text" value="Yellow"/>
Text Position	<input type="text" value="Top Left"/>
Opacity	<input type="text" value="80%"/>

However do note that ArtisBrowser 30.0 or later is required to display CopySafe Video 7.0 and the new watermark. Setting the minimum ArtisBrowser to 30.0 will ensure that the user has the appropriate version of ArtisBrowser. If they have an older version then they will be redirected to download the latest versions.

Watermarks are managed from the extension's settings page. Watermarks can be turned on/off for all CopySafe Video pages. Use the settings to nominate font size, font color, position and opacity.

Troubleshooting

NOTE: You will need to add to the depth to allow for the player's toolbar so that the video fills the player window properly. So if the video is 600 x 400, change to 600 x 440.