

Using the WebcamRecorder

Functional documentation

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1 Product overview

1.1 Purpose

The video capture function used with a webcam offers a new way for end users of a product to upload a video.

This module is very simple for customers to install:

- The module is based on Kewego Webcast architecture and APIs
- The module is customizable for optimal integration on the customer's site
- Moderation tools give the customer total control

1.2 Summary

ACCESS				
Features available to all (default)	Productivisable feature	Available to PRO users with console access	Available to PRO users with no console access	Available to UGC users
YES	NO	YES	YES	NO

PLAYER COMPATIBILITY				
EPIX		FLASH PLAYER		Customer player
IN	embedded	IN	embedded	
YES	YES	NO	NO	Yes (Associated API, GetDetails)

MISC				
Usage stats		Monetization		SEO impact
Admin	Console	KWG AD	Adbooster	
NO	NO	N/A	N/A	None

1.3 Key dates

		Rollout	
Project launch	Dev – Acceptance test	Soft Launch Kewego products	Launch Available to customers

2 Prerequisites

2.1 Webcast

The Webcam function can only be used if a customer has a Kewego Webcast.

The Webcast allows users to manage their own video databases using **Kewego Console** back office system, to integrate them into their site within a personalized player and to access video viewing statistics.

The customer will naturally also have access to Kewego's APIs to develop their own tools:

<http://developers.kewego.com/>

2.2 Console account

There are different ways to associate uploaded videos.

1/ All videos uploaded via the Webcam module are attached to a **single user account** in Kewego Console. In this case, each video integrates a metadata field used to associate it with a customer user account.

2/ Using APIs, videos can be associated with different users of the customer's site.

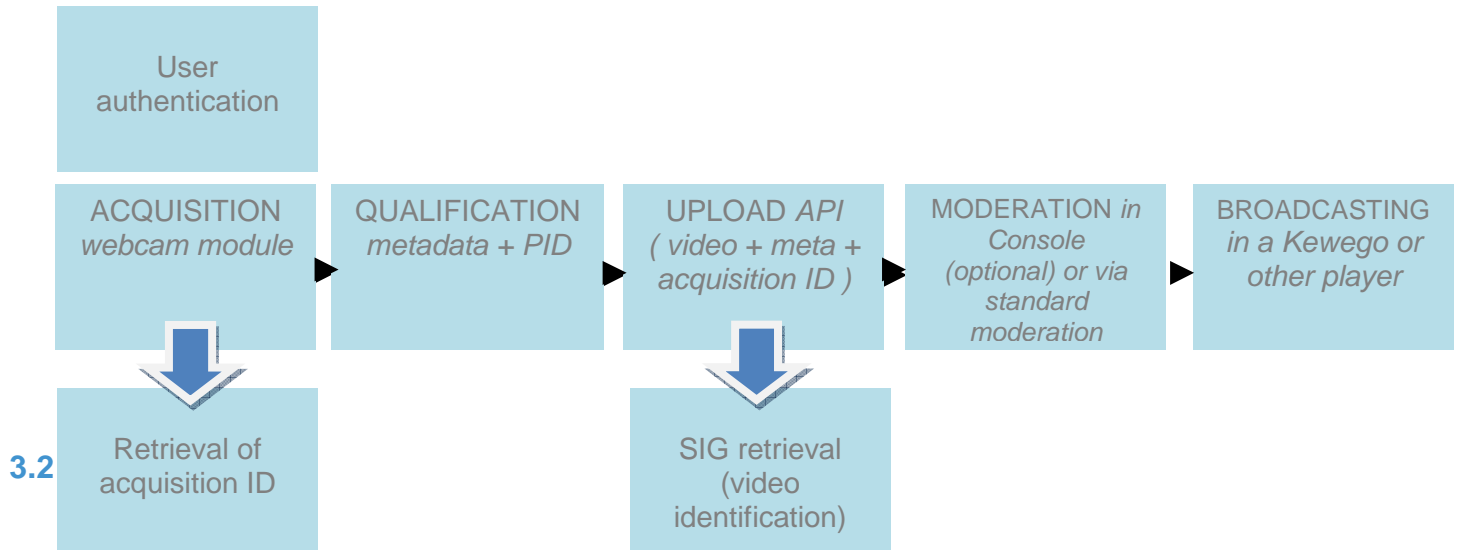
2.3 Application Key

The **Application Key** is a personal and unique key associated with the Webcast: it identifies the product used by the customer. A valid Application Key is required to access the Webcam module.

Application Key requests must be sent to the Kewego Account Manager.

3 Process description

3.1 Functional diagram



When a video is uploaded, the API sends the information needed to integrate the video into the module. This is a two part process:

- 1/ The Webcam module records the video stream on the Kewego server.
- 2/ The API calls send the video's acquisition ID and metadata (provided in a form) to post the video (SIG generation).

3.3 Video specifications and limitations

The video generated has a resolution of 320x240 pixels with a speed of 342 Kbps.

Maximum recording time: 3 minutes.

After 3 minutes, the Webcam stops recording automatically.

Minimum recording time: 5 seconds

The recording will not be validated until it reaches 5 seconds.

4 Integrating the WebcamRecorder module

The **WebcamRecorder.swf** module is a Flash widget that captures video via a webcam.



This module is available at the following address: s.kewego.com/swf/webcamrecorder.swf

4.1 Technical prerequisites for using the module

To use and integrate the Webcam module, users need Flash Player 10 (<http://get.adobe.com/fr/flashplayer/>) and Javascript activated in their browser.

4.2 Customizing the module

The WebcamRecorder.swf is provided with various customization options: the interface colours can be changed by modifying the Flashvars.

Four colours can be configured: a hexadecimal code is entered for each of the following values. An empty value corresponds to transparent.

- **picto**: colour of the icons and items in the control bar
- **border**: border of the buttons and the control bar
- **btn**: colour of the button background
- **cbar**: colour of the control bar background


4.3 Example of integration – php code


An example of integration can be downloaded from the developers' site:
[link](#)

5 Operating the module

5.1 Recording video

Press  to start recording.

You can edit the settings (the webcam to use for example) by clicking on .



To stop recording, click on  again.


Important:

- You cannot stop recording before the **first 5 seconds**.
- The recording will stop automatically after **3 minutes**.



5.2 Viewing and saving

When you have finished recording, you can view it by clicking on . If you are happy with the result, press  to save the recording.

If you want to start recording again, press  to return to the recording stage.

To complete the upload, the user must fill out a form with the compulsory metadata requested.



6 Compulsory data for uploading

6.1 Identification

6.1.1 AppToken

The AppToken identifies which Kewego product the WebcamRecorder will be used with.

To obtain it, enter the Application Key provided by your Kewego Account Manager in the getToken API.

getToken documentation: <http://developers.kewego.com/kb/?View=entry&EntryID=90>

6.1.2 AuthToken

The AuthToken authenticates a video platform member account.

To obtain it, the getAuthToken API must be entered with:

- the username (email of the account)
- the password
- the AppToken (see 6.1)

The videos will then be uploaded to this account.

AuthToken documentation: <http://developers.kewego.com/kb/?View=entry&EntryID=77>

6.2 Metadata

To be uploaded, a video must be associated with specific metadata:

To be valid the metadata must be in UTF8 format:

Compulsory:

- **Title:** 5 to 255 characters
- **Description:** 7 to 5,000 characters
- **Keywords:** 2 minimum. A valid keyword must contain at least two characters. The field is limited to 5,000 characters.
- **Category:** 1 to 3 to be determined with your Kewego Account Manager.
- **Language:** ISO code
- **Access:** restricted/public

Optional:

- Country: ISO code
- Post code
- **PID**

7 Moderating the video

Once uploaded, the video is only visible with restricted access (in the console). To complete the video posting process, the video must be moderated. The customer has two options

7.1 Moderation interface in the console (optional)

To broadcast the video publically, click on the Accept button.

	Auteur	Titre	En attente
	nashooo Bannie : 0 Adulte : 0 Total : 2	The-Nybs Pub dans le metro la rose (marseille) Durée : 00:00:19 Contenu Adulte	1026 heures 12 min. 33 sec.
	<input type="button" value="accepter"/> <input checked="" type="checkbox"/>		<input type="button" value="Refuser"/> <input checked="" type="checkbox"/>

As an option, moderation can be deactivated.

2/ Standard Kewego moderation

In this case, the video is put through Kewego's standard video moderation process. It must meet Kewego's general terms of use <http://www.kewego.fr/tos/index.php>

8 Broadcasting the video

The uploaded and authorized video can be broadcast in a Kewego player or one developed by you.

See the following article for more information: *Different ways of playing videos*, <http://developers.kewego.com/kb/?View=entry&EntryID=117>