

# Idomoo Video Player 2.3.4 – Developer guide

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## Player Configuration

### Step 1: Place Idomoo Video Player Script

Place the player's script above the player's code (div).

```
<script type="text/javascript" src= "https://player.idomoo.com/latest/main.js"></script>
```

### Step 2: Place Player Code

Insert the following HTML in your page, at the exact location where you want the player to appear.

```
<div id="idm-player"></div>
```

### Step 3: Add a 'player\_options' script (optional)

While the player's script (main.js) runs the player itself, the `idmPlayerCreate()` function initializes it with `player_options` that holds customization options.

customization options can be defined on the landing page itself or on an external page.

If not added, the player will be played with the defaults:

- Player size 'hd',
- Player ratio '16:9'
- Autoplay video (muted only if blocked)
- Share button with the download video, Copy video link , Email video, Send with Whatsapp

## Configuration Examples

### Basic

```
<script>

var player_options = {

    interactive: true,

    size: "SD",

    mute: true,

    cta_analytics: [

        ["idm-cta-btn1", "Click Me"],

        ["idm-cta-btn2", "Join Now"]

    ]

}

idmPlayerCreate(player_options, "idm-player");

</script>
```

## Simple

```
<html>

<head>

  <script type="text/javascript" src="https://player.idomoo.com/latest/main.js"></script>

</head>

<body>

  <div id="idm_player" class="idm-player"></div>

  <div>

    <button class="idm-cta-btn1">Loved it</button>

    <button class="idm-cta-btn2">It cracked me down</button>

  </div>

  <script>

    var player_options = {

      interactive: true,

      size: "hd",

      autoplay: true,

      cta_analytics: [

        ["idm-cta-btn1", "Loved it"],

        ["idm-cta-btn2", "It cracked me down"]

      ]

    };

    idmPlayerCreate(player_options, "idm_player");

  </script>

</body>

</html>
```

## Multiple Video Players

A single page can contain more than one video player. In order to do so each video player should have its own div id.

At the example below there are 2 players: "first\_player" and "second\_player"

```
<body>

  <script type="text/javascript" src="https://player.idomoo.com/latest/main.js"></script>

  <div id="first_player"></div>

  <div id="second_player"></div>

  <script>

    var player_options_first = {

      size: "hd",

      src: "https://materials.idomoo.com/2034/0000/72skl1v1fk32q1qpk362om3hk2mb39333d1o3g20r38e.mp4",

      interactive: true,

      autoplay: false,

      mute: true

    };

    var player_options_second = {

      size: "sd",

      src:

        "https://materials.idomoo.com/2034/0000/72skl1v1fk32q1qpk362om3hk2mb39333d1o3g20r38e.m3u8",

      autoplay: true

    };

    idmPlayerCreate(player_options_first, "first_player");

    idmPlayerCreate(player_options_second, "second_player");

  </script>

</body>
```

# Player Customization Options

Idomoo Video Player consists of many configuration options, below you can see the full list of available configurations.

All below options need to be defined inside the var [player\\_options\\_script](#).

## Video Link

Video link created by Idomoo can contain the full video url or just the video's ID. Configure the player by your needs.

By default, Idomo video player plays a full video link.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
src	url	string	None	Video Embed. A Link to a specific all viewers to watch.  If it exists, it overwrites the video link in the URL.	src: ' <a href="#">xyz.idomoo.com/vid eos/s amples/VideoForPlayer.mp4</a> '
build_url	URL Prefix (Consult professional services or support in case of doubt)	string	None	Video generating environment.  To be use when the video link contain only video id	video's generating environment US: build_url: "https://c.idomoo.com/" ----- video's generating environment EU: build_url: "https://e.idomoo.com/" ----- video's generating environment BT: build_url: "https://b.pv.bt.com/"
extension	mp4 / m3u8	string	mp4	To be use when the video link contain only video id	extension: "m3u8"

## Sizing and Aspect ratio

The size and aspect ratio of the player needs to match the video's dimensions.

By default size is HD , ratio is 16:9 (Horizontal HD videos).

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
size	sd hd fhd wide	string	hd	The size of the video player needs to match the video's dimensions	size: "hd"
ratio	number : number	string	16:9	The video player's aspect ratio should match the video's aspect ratio	ratio: "1:1"
width	Integer in pixels	number	1280	Width dimension of the Player	width: 1080
fluid_mode	true / false	Boolean	false	Auto calculates the correct aspect ratio	Fluid_mode: true

## Autoplay

Video will be muted in case the browser blocks videos to autoplay.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
autoplay	true / false	Boolean	true	Determine whether the video should play automatically on load or when the viewer presses "Play"	autoplay: false

## Mute

For some browsers, videos can not autoplay if the sound is not muted. This parameter will assure that video will start muted and if autoplay determined, autoplayed.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
mute	true / false	Boolean	false	Determine whether the video should start muted or not	mute: true

## Share

Share options to be shown under the player's share button

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
share_button	true / false , object	Boolean, object	{ download: true, copy: true, mail: true, whatsapp: true, facebook: false, twitter: false }	Controls share options displayed inside the player share menu. If set to "false", the player share button is hidden	share_button: { download: true, download_filename: My cool video, copy:false, mail: true, whatsapp: true, facebook: true, twitter: true } or share_button: false
share_button.download	true / false	Boolean	true	Show "download" share option	download: false



Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
download_file name	Any text ; Parameters from url ; Saved words: <date_time> shown in format dd MMM YYYY, HHMM). <date> shown in format (YYYY-MM-DD) .	String	my_video	Downloaded file name	download_filename: A cool video_<title>_<date> Will be translated from the URL <a href="https://mypage?url=https://v.idomoo.com..9lv43b2r.m3u8&amp;title=%F0%9F%98%8F">https://mypage?url=https://v.idomoo.com..9lv43b2r.m3u8&amp;title=%F0%9F%98%8F</a> With the date of January 21st, 2024 Will be translated to: A cool video_😄_2024-01-21.mp4
share_button.copy	true / false	Boolean	true	Show "copy" share option	copy: false
share_button.mail	true / false	Boolean	true	Show "mail" share option	mail: false
share_button.whatsapp	true / false	Boolean	true	Show "whatsapp" share option	whatsapp: false
share_button.facebook	true / false	Boolean	false	Show "facebook" share option	facebook: true
share_button.twitter	true / false	Boolean	false	Show "twitter" share option	twitter: true

## Interaction

### Enable player actions

If your video contains an '[Interactive Player Action](#)', you'll need to make sure that it is also enabled here on the player.

The full screen option will not be available on iOS systems (iPhone, iPad). Native player is the one that opens at full screen state and it doesn't support use of any of the interactivity features. If you want your video viewers to have full screen take into consideration that interactivity will not work in this state and it's not recommended.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
interactive	true / false	Boolean	false	Video contains an ' <a href="#">Interactive Player Action</a> ', must enable "interactive" on the player.	interactive: true
ios_full_screen	true / false	Boolean	false	We think it is a bad UX, but if you like viewers to have a full screen on iOS, take into consideration that interactivity will not work in this state.	ios_full_screen:true

### Mark "Visited" placeholder

Player to mark clicked interactive choices of the viewer while the viewer is in the same session.

[Demo](#) can be seen here and at the example below how the 'Kids club' text is marked after being clicked.



Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
visited_placheholder	true / false	Binary	false	Player to mark clicked interactive choices of the viewer.	visited_placheholder=true

## In-Player Menu

Choose when the In-Player Menu will appear, if the video contains one.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
show_customize	"on_click", "on_start", "on_end"	string	"on_click"	Choose when the In-Player Menu will appear: On user click , when video starts playing or when the video finishes playing.	show_customize: on_start

## Analytics

### Data Collection

The player is a data collection tool, define all buttons you want to measure under the cta\_analytics property.

See how viewers interact with page's buttons on Idomoo's analytics dashboard.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
cta_analytics	Array [button class, Analytics event name]	string	None	Holds data that is sent to Idomoo's analytics engine from page elements (usually call to action buttons)	cta_analytics: [ ["idm-cta-btn1", "Click Me"], ["idm-cta-btn2", "Join Now"] ]

### Analytics environment

This parameter indicates where the data collected is sent to. Only BT projects need to add this parameter.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
analytics_env	us/bt	string	us	Mandatory for BT projects only	analytics_env: "bt"

## Display

Appearance of the thumbnails and messages shown on the player

### Opening image

Choose which image that will show before the video begins playing.

“image\_url” is the strongest option, stating this will overwrite other keys.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
opening_image	Array { image_suffix :", image_extension:", image_url:' '}	string	None	Possible keys' members of this object defined below	opening_image: { image_suffix: '_start' }
image_url	url (public)	string	None	Image to display	image_url:' <a href="https://goo.gl/LxgrFt">https://goo.gl/LxgrFt</a> '
image_suffix	String	string	None	state which suffix to use (_end is what is usually being configured by idomoo's professional services. <a href="#">Other suffix can be stated on the API call</a>	image_suffix: '_start'
image_extension	jpg,gif	string	jpg	state extension	image_extension:jpg

### Closing image

Choose which image that will show when the video finishes playing.

“image\_url” is the strongest option, stating this will overwrite other keys.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
closing_image	Array { image_suffix:", image_extension:", image_url:' }'	string	None	Possible keys' members of this object defined below	opening_image: { image_suffix: '_start' }
image_url	url (public)	string	None	Image to display	closing_image: { image_url:'https://google.gl/LxgrFt' }
image_suffix	String	string	None	<a href="#">Suffix can be stated on the API call</a>	image_suffix: '_end'
image_extension	jpg,gif	string	jpg	state extension	image_extension:jpg

## Loading gif

Choose if animated gif shown while the video loads

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
remove_gif	Boolean	True , false	false	Animated gif will not show	remove_gif:true

## Error message

Replace Idomoo's default error message with your own

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
set_error_message_image	url (public)	string	Idomoo's default message	Image to display	set_error_message_image: 'https://image.shutterstock.com/z/stock-photo-colorful-flower-on-dark-tripical-foilage-nature-background721703848.jpg'

## Closed Captioning

\* Captions are available for full service users only \*

Add a closed captions button on the player and choose its default and other languages.

If no language is set to default, the video will start playing without captions.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
close_captions	array <pre>{   "srclang":   "en",   "Label":   "English",   "src":   "https://s3.amazonaws.com/idoplayer-us.idomoo.com/player2.0/vtt/sample.vtt",   "default":   "true" }, {   "srclang":   "es",   "label":   "Espanol" }</pre>	string	None	Array that holds all information about the available and default captions languages. See below each field.	Close_captions: <pre>[   {     "srclang": "en",     "Label": "English",     "src":     "https://s3.amazonaws.com/idoplayer-us.idomoo.com/player2.0/vtt/sample.vtt",     "default": "true"   },   {     "srclang": "es",     "label": "Espanol",     "src":     "https://s3.amazonaws.com/idoplayer-us.idomoo.com/player2.0/vtt/sample.vtt"   } ]</pre>
srclang	Language code in 2 characters	string	None	Language code in 2 characters	srclang: "es"
label	text	string	None	Language label (as shown on the player)	label: "Espanol"
src	URL	string	None	Define outsource CC. If not defined, the video URL extension replaced with .vtt and used as captions source	src: "https://s3.amazonaws.com/idoplayer-us.idomoo.com/player2.0/vtt/sample.vtt"

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
default	true / false	Binary	None	Start video with marked default language	default: true

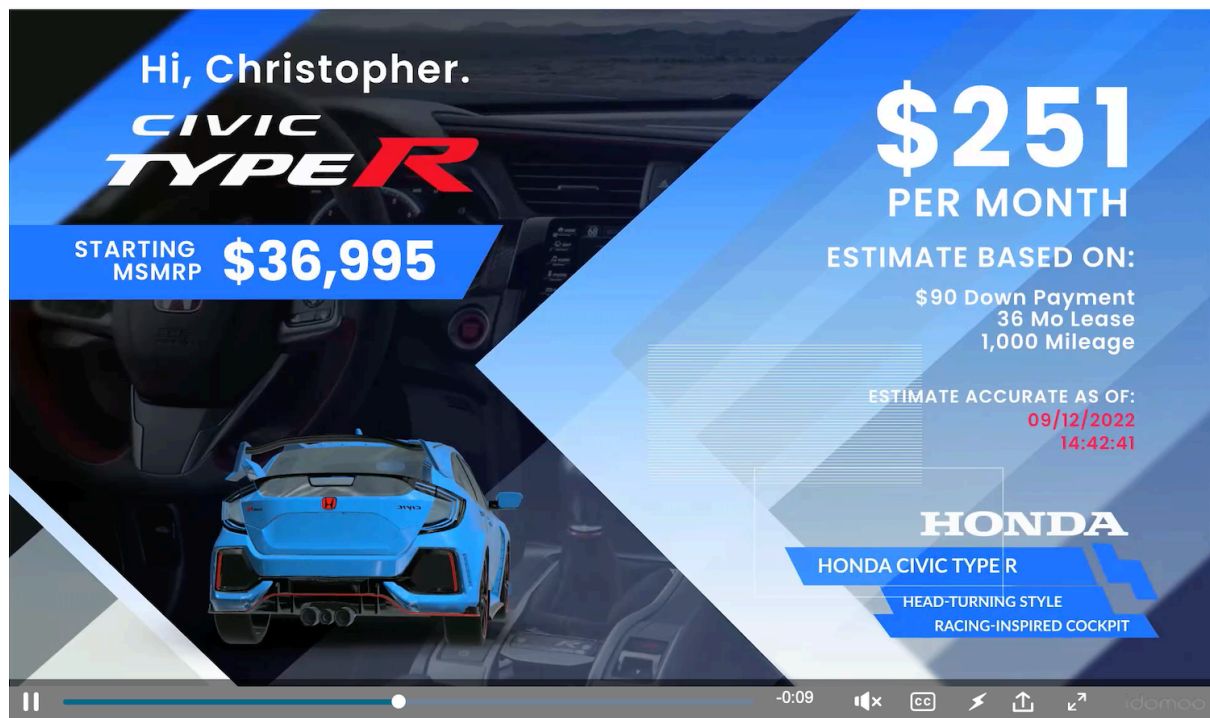
## Control Bar

Customize player control bar appearance

### Control bar position

Control bar position can be at the bottom of the video frame area (Default) or Below the video frame area.

Here is an example of the control bar below the video frame area.



Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
toolbar_position	low	string	-	Position player's control bar below the video	toolbar_position: "low"

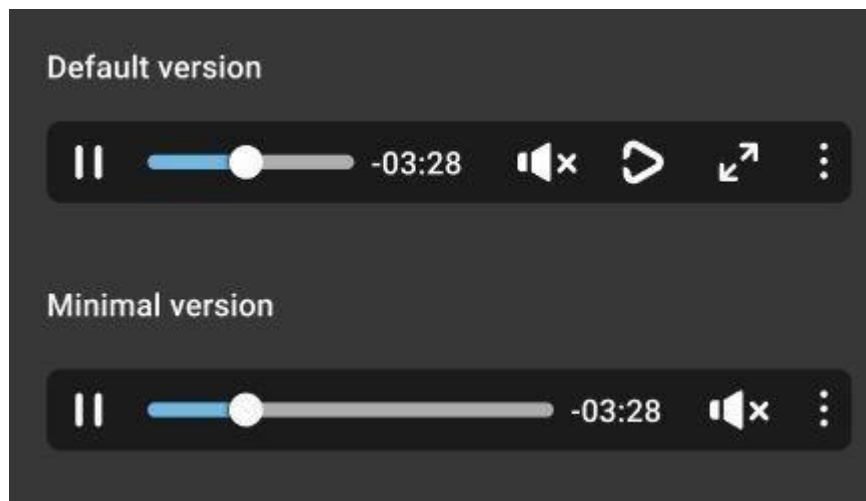
## Remove progress bar

Remove progress bar from control bar. This is useful when you do not want users to be able to navigate forward and backward in the video.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
disabled_control_bar	True , false	Boolean	false	Prevent user to control the playback using the progress bar control	disabled_control_bar: true

## Mobile compact version

Display a control bar which is optimized for the user experience on a narrow device such as a mobile device



Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
minimal_version	True , false	Boolean	false	Define Player to show minimal control bar when loaded on mobile	minimal_version: true

## Fade out control bar

Control bar to fade out after 3 seconds in pause mode . When the user will hover on the player it becomes visible again.



This mimics the player's behavior in play mode.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
fade_control_bar_on_pause	True , false	Boolean	false	Progress bar to fade out after 3 sec. in pause mode. This will act exactly as the player acts in "play" state.	fade_control_bar_on_pause: true

## Fixed control bar

Control bar to stay always on screen.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
fade_control_bar	True , false	Boolean	true	If true, Progress bar to stay always on screen	fade_control_bar: true

## Pause / Play on the whole video frame area

Control the player's play / pause behavior by clicking on the whole video frame area.

Parameter name	Possible values	Data/ Unit Type	Default	Description	Example
click_to_pause	"disable", "enable"	string	disable	Control the player's play / pause behavior by clicking on the whole video frame area.	click_to_pause: enable