ZJGet for iOS User Guide

Overview

ZJGet for iOS is a secure browser and multimedia player developed by Haihaisoft specifically for iOS users. It fully supports both online streaming and local playback of digital content protected with DRM-X 5.0 encryption.

Supported Formats

Media Files

- Video: MP4, WebM
- Audio: MP3, WAV

Web Content:

- Encrypted HTML web pages (must be packaged as a .zip file on iOS)

Cross-Platform Compatibility and iOS-Specific Notes

DRM-X 5.0 provides comprehensive cross-platform support, including Windows, macOS, Android, and iOS.

Windows and macOS

The Windows and macOS versions of ZJGet are built on the Chrome engine and support direct opening of:

- Audio and video files
- Encrypted PDF documents
- Encrypted HTML web pages

Android and iOS Limitations and Solutions

Due to differences in the underlying operating system architecture, ZJGet for Android and iOS cannot directly open encrypted PDF files.

Recommended Solution for Mobile Platforms： If PDF content needs to be protected and viewed on mobile devices, content providers should first convert the PDF file into HTML format before applying DRM protection.

Additional Requirement for iOS: Encrypted HTML files can be opened directly in the browser on Windows, macOS, and Android. However, on iOS, encrypted HTML files cannot be opened directly.

To ensure compatibility with iOS:

1. Content providers must package the encrypted HTML files into a **ZIP archive**.
2. iOS users can then use **ZJGet for iOS** to:
   - Access the ZIP file online, or
   - Open the ZIP file locally on their device.

Part 1: ZJGet for iOS User Guide

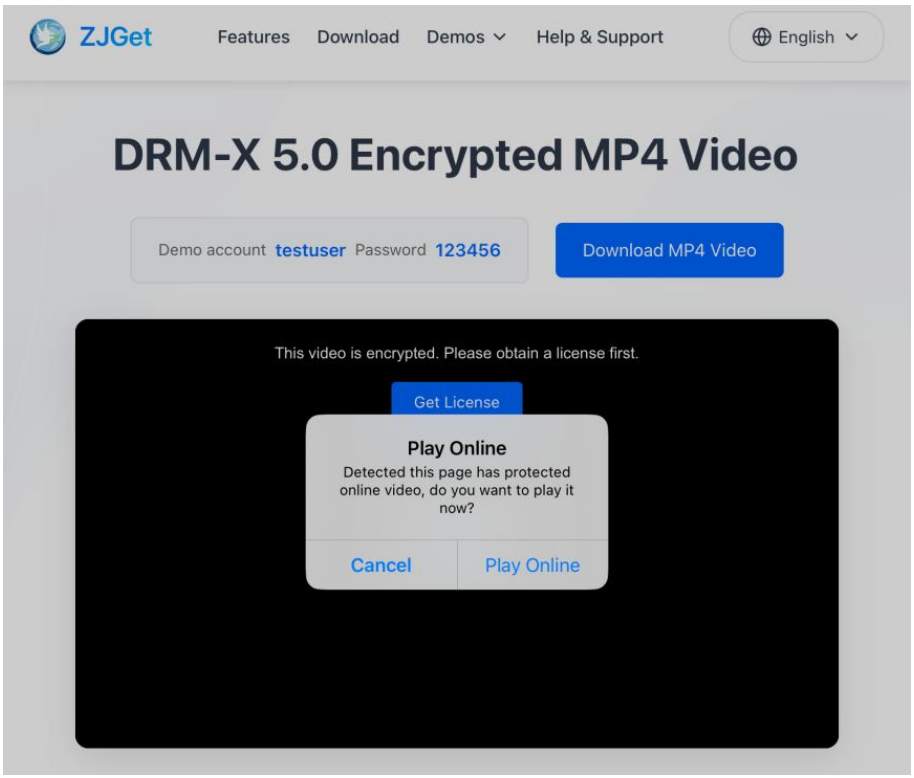
1. Online Playback of Encrypted Audio and Video

ZJGet features a built-in intelligent media detection mechanism that provides users with a seamless and secure online playback experience.

Automatic Detection Trigger (Hidden Media Links on Web Pages)

When a user visits a web page containing encrypted video content through the ZJGet browser, the application automatically detects protected online media if the page includes specific hidden media tags.

Once detected, ZJGet proactively displays an **"Play Online"** prompt. Users can simply tap **"Play Online"** to launch the secure media player and start viewing the protected content, without the need to manually locate or click a play button.

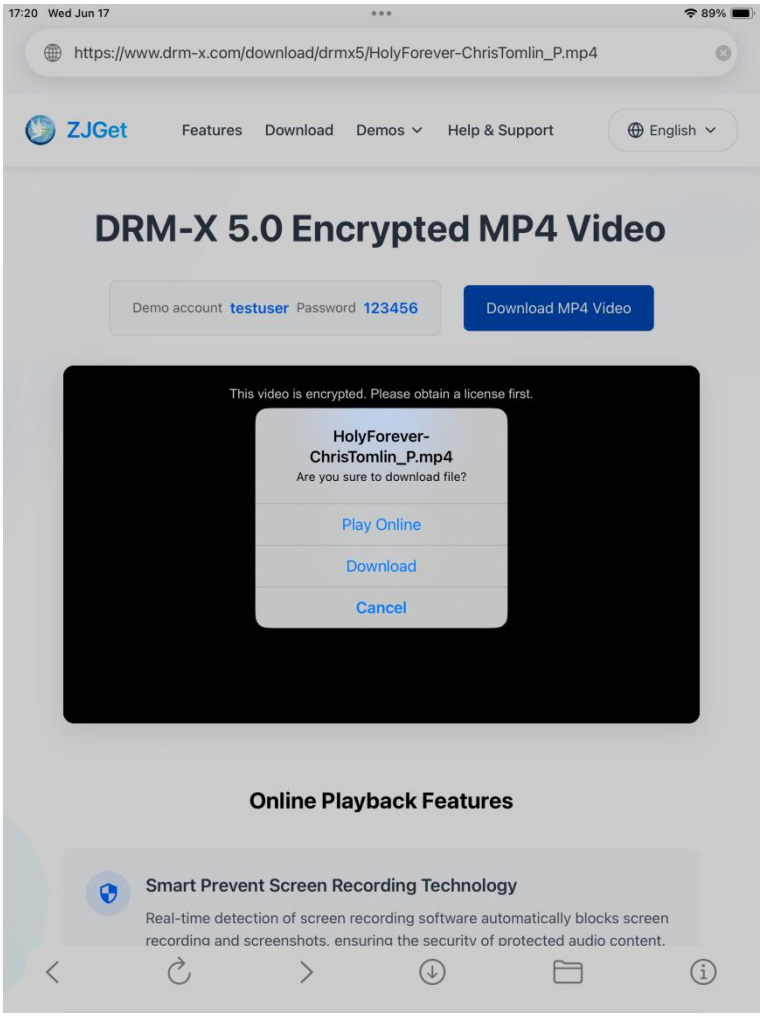


Hyperlink-Triggered Playback (Direct Video URL Links)

If a user clicks a standard hyperlink that directly points to an encrypted video URL on a web page, ZJGet will display a multi-option dialog box with the prompt: **"Are you sure to download file?"**

Users can then choose one of the following actions based on their needs:

- **Play Online** – Stream and play the video immediately using the secure player.
- **Download** – Download the encrypted file to the device.
- **Cancel** – Close the dialog without taking any action.



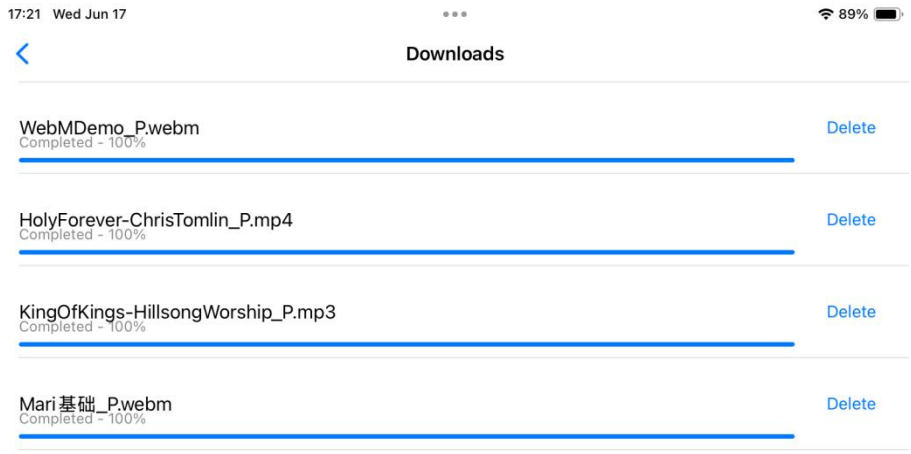
2. Downloading and Local Playback

For scenarios where network connectivity is limited or offline viewing is required, ZJGet provides comprehensive download and file management capabilities.

File Download

After selecting **"Download"** from the hyperlink interaction dialog described above, the file will be added to the download queue.

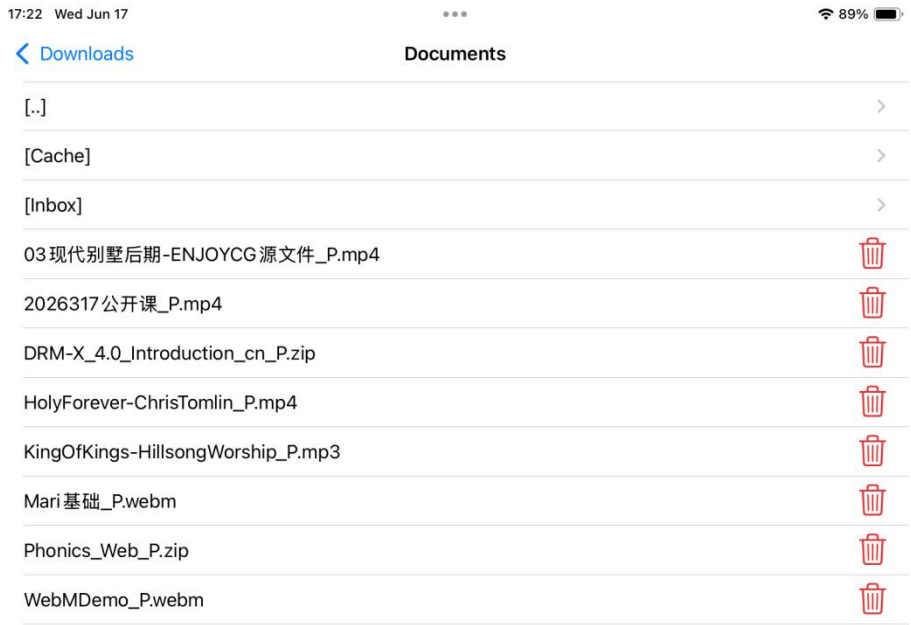
Users can monitor the download status and progress in real time through the Downloads page.



Local File Management and Playback

Once a download is complete, tapping the corresponding file entry will automatically navigate to the built-in **Documents** file management page.

On the **Documents** page, users can tap the file again to launch the secure media player and play the protected content locally.



3. Overview of Main Menu Features

Tap the **Folder** icon in the lower-right corner of the ZJGet interface to access the **Main Menu**, which provides the following essential tools and features:

Local Folder

Provides one-tap access to the file management interface, where users can view and directly play encrypted multimedia files that have been downloaded and stored locally on their iOS devices.

Input URL

Offers a convenient URL input field. Users can directly paste or enter the full URL of an encrypted video or audio file (for example, https://www.drm-x.com/.../file.mp4) and tap **Play** in the upper-right corner to start playback immediately.

Scan QR Code

Content providers can generate a QR code containing the complete, absolute URL of an encrypted audio or video file, for example:
https://www.drm-x.com/download/drmx5/HolyForever-ChrisTomlin_P.mp4
By selecting **Scan QR Code**, users can scan the QR code and instantly access secure cloud-based playback of the protected media content.

Browser

Returns users directly to the built-in secure browser, allowing them to continue browsing web pages without interruption.

Delete License

Allows users to manually remove all DRM licenses currently stored on the iOS device.

Delete ZIP Cache

Enables one-click cleanup of temporary cache files generated when viewing encrypted HTML content packaged as ZIP archives, helping free up device storage space.

Part 2: DRM-X 5.0 Content Distribution (Embedding) Guide for Content Providers

1. Embed DRM-X 5.0 Encrypted Videos in a Web Page

To enable ZJGet for iOS to accurately detect DRM-X 5.0 protected media embedded in a web page and seamlessly launch the built-in secure player, content providers should follow the technical specifications below when embedding video content into web pages or online courses.

- **Requirement 1: Hidden DOM Element Identification**

Use the official DRM-X 5.0 video embedding code to embed audio or video content into your web page:

```
<div id="ZJGet_Video_URL" style="display:
none;">https://www.drm-x.com/download/drmx5/HolyForever-ChrisTomlin_P.mp4</div>
<script type="text/javascript"
src="https://www.zjget.com/assets/embed_js/embed_zjget.js"></script>
<script type="text/javascript"
src="https://www.zjget.com/assets/videojs-8.23.3/video.min.js"></script>
<script type="text/javascript"
src="https://www.zjget.com/assets/embed_js/zjget.js"></script>
```

The embedding code automatically generates a special hidden element with its id attribute set to **zjget_ios_media_url** and its style configured to be hidden.

If content providers do not use the official embedding code above, they must manually add this identification tag to support online playback on iOS devices.

The sample code is as follows:

```
<div id="zjget_ios_media_url" style="display:none;">
  https://www.drm-x.com/download/drmx5/HolyForever-ChrisTomlin_P.mp4
</div>
```

For details: [How to embed DRM-protected HTML5 video players with iOS compatibility]

- **Requirement 2: Standard Hyperlink Distribution**

If you would like to provide users with the flexibility to choose between **play online** and **download**, you can simply include a standard text or image hyperlink on your web page that points directly to the encrypted audio or video file:

```
<a href="https://www.drm-x.com/download/drmx5/HolyForever-ChrisTomlin_P.mp4">
  Click here to play or download the video
</a>
```

2. Cross-Platform Secure Distribution for PDF on iOS

For customers who need to protect important PDF documents and require strong anti-copying and anti-screen-capture protection on iOS devices, the following standard workflow is strongly recommended:

1. Convert the PDF Format

Use a conversion tool to transform the original PDF document into standard HTML5 web pages.

2. Encrypt the Content

Login to the DRM-X 5.0 Administration Center and apply DRM protection directly to the converted HTML pages.

3. Package and Compress (iOS-Specific Requirement)

Package the encrypted HTML files or folders into a standard .zip archive.

4. Local Access

Users can either download the ZIP file directly or transfer it to their iOS device through an app and open it locally using ZJGet for iOS.

5. Cloud Deployment

Option 1: Your Own Web Server

Upload the prepared ZIP file to your own web server.

Option 2: DRM-X 5.0 Built-in Cloud Storage

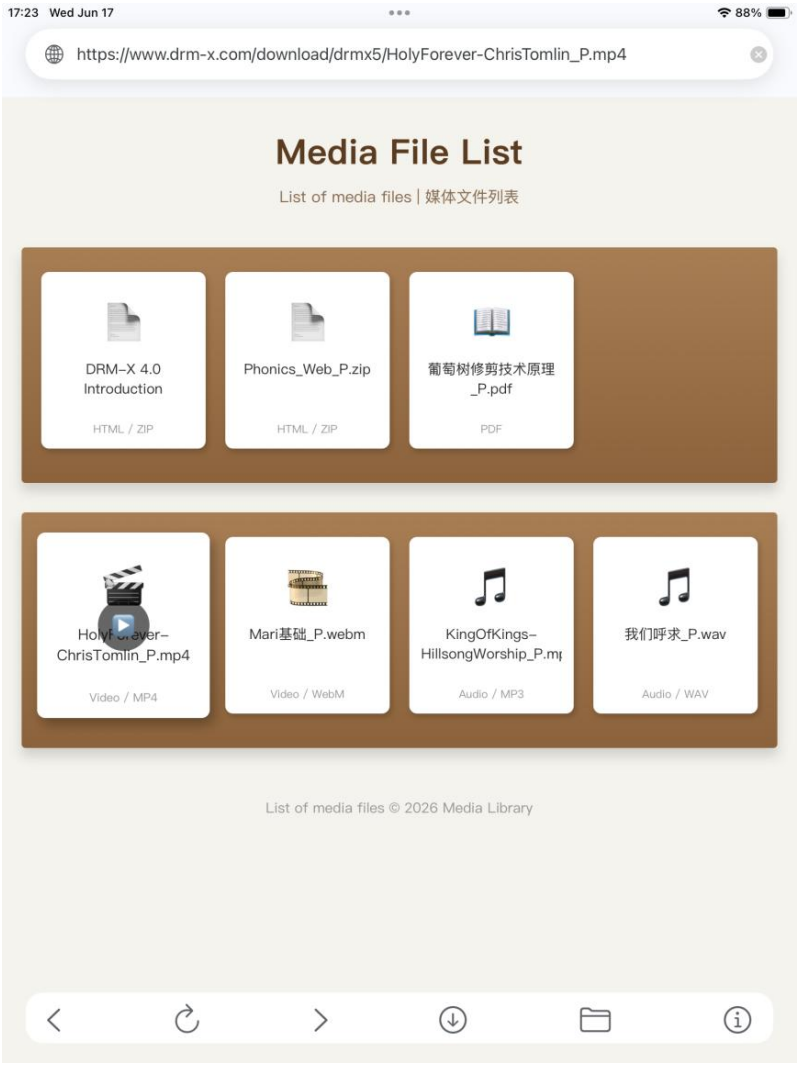
No dedicated server? Use the built-in cloud storage service provided by DRM-X 5.0.
If you do not have your own server, or prefer to avoid the complexity of server configuration and maintenance, simply upload the packaged ZIP file to the DRM-X 5.0 cloud storage service and share the generated link directly with your iOS users.

Advanced Option: Build Your Own Online Document Library

Content providers can create an index web page that organizes and presents download links to

multiple encrypted HTML (ZIP) files in a unified layout, effectively creating a dedicated online document library.

The document library page can then be uploaded to the DRM-X 5.0 cloud storage service. As a result, content providers only need to distribute a single link to the document library page, allowing iOS users to conveniently browse, select, and read various protected documents from one centralized portal.



3. File Distribution for Content Providers Without a Server

If content providers do not have their own web server but want to quickly launch an online distribution service for encrypted audio and video content, they can take full advantage of the DRM-X 5.0 fully managed ecosystem.

Upload to Cloud Storage

Simply upload encrypted MP4, WebM, MP3, WAV, or ZIP files directly to the DRM-X 5.0 cloud storage platform.

Create a Media Playlist Page

Content providers can use AI tools to quickly generate a structured media playlist web page and configure absolute hyperlinks for each encrypted audio or video file within the playlist.
Once the playlist page is created, upload it to the DRM-X 5.0 cloud storage service for hosting.
When iOS users access the hosted playlist page through the ZJGet browser, they can simply click any media hyperlink in the list. The system will automatically display an interaction dialog, allowing users to choose either:

- **Online Playback** – Stream and play the protected content immediately.
- **Download** – Save the protected file locally for offline access.

This approach provides an efficient, centralized, and secure media distribution and viewing experience.