

视频更新说明书/Video update manual

——适用于电梯多媒体液晶显示器/ Suitable for elevator multimedia LCD display

一、标准视频规格 Standard video specifications

1. 帧宽度 Frame width : ≤ 1024
2. 帧高度 Frame height: ≤ 768
3. 数据速率 Data rate: $\leq 2350\text{kbps}$
4. 总比特率 Total bitrate: $\leq 2471\text{kbps}$
5. 帧速率 Frame rate: ≤ 30 帧/秒
6. 格式 format: MP4, AVI
7. 视频比例 Video ratio: 4: 3
8. 视频名称 Video name: 英文、英文和数字; English, English and number
9. 播放视频个数 Number of videos played: 1 个; Only one (如需播放多个视频, 需进行视频合并, 详见第“三”项-**视频合并**; play multiple videos, you need to merge the videos. For details, see "3" - **Video Merging**)
10. 视频大小 Video size: 小于 1G; LESS than 1G

二、视频转码 Video transcoding

需要播放的视频时, 不能满上述要求时, 可以使用免费的“格式工厂”软件或我司提供的“视频转码专用软件”进行转码。两种转换方法说明如下:

When the video that needs to be played cannot meet the above requirements, you can use the free "Format Factory" software or the "Video transcoding special software" provided by our company to transcode. The two conversion methods are described below:

方法 1: 通过“格式工厂”进行转码, 具体操作步骤如下:

Method 1: Transcoding through the "Format Factory", the specific steps are as follows:

【注 1】网址/ Download web: <http://www.pcfreetime.com/formatfactory/CN/index.html>

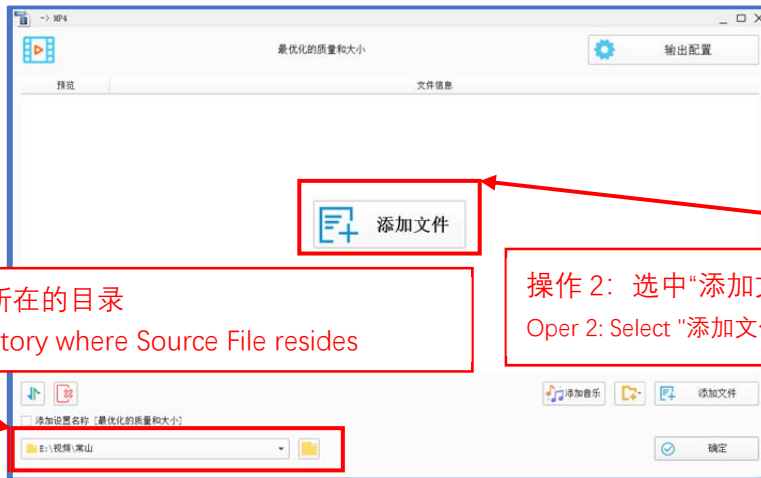
第一步: 运行“格式化工厂”应用软件, 选中“->MP4”如下图:

Step 1: Run the "Format Factory" application software, select "->MP4" as shown below:



第二步：进入“添加文件”的界面

Step 2: Go to the Add File page

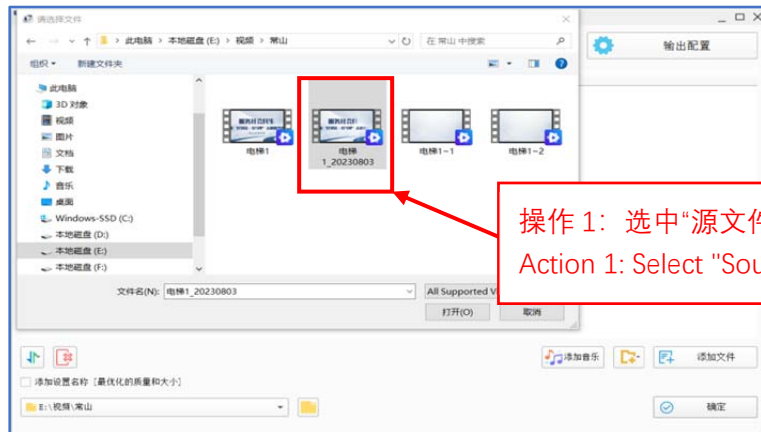


操作 1: 选中“源文件”所在的目录
 Oper 1: Select the directory where Source File resides

操作 2: 选中“添加文件”并“双击”
 Oper 2: Select "添加文件" and "Double Click"

第三步：进入“源文件目录”的界面

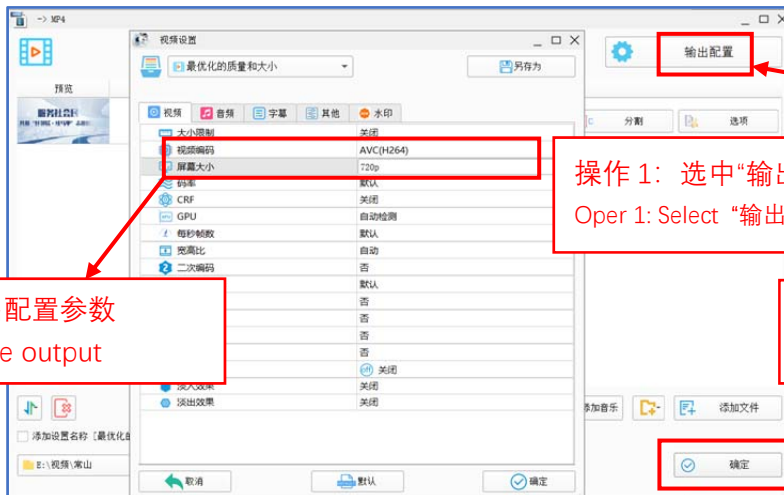
Step 3: Go to the Source File Directory page



操作 1: 选中“源文件”并“双击”
 Action 1: Select "Source File" and "Double-click"

第四步：选中“输出配置”的界面，查阅文件信息，并修改相关的参数后双击“确定”

Step 4: Select the interface of "Output Configuration", check the file information, modify the relevant parameters, and double-click "确定".



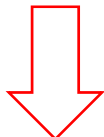
操作 1: 选中“输出配置”并“双击”
 Oper 1: Select "输出配置" and Double-click

操作 2: 修改输出配置参数
 Oper 2: Modify the output

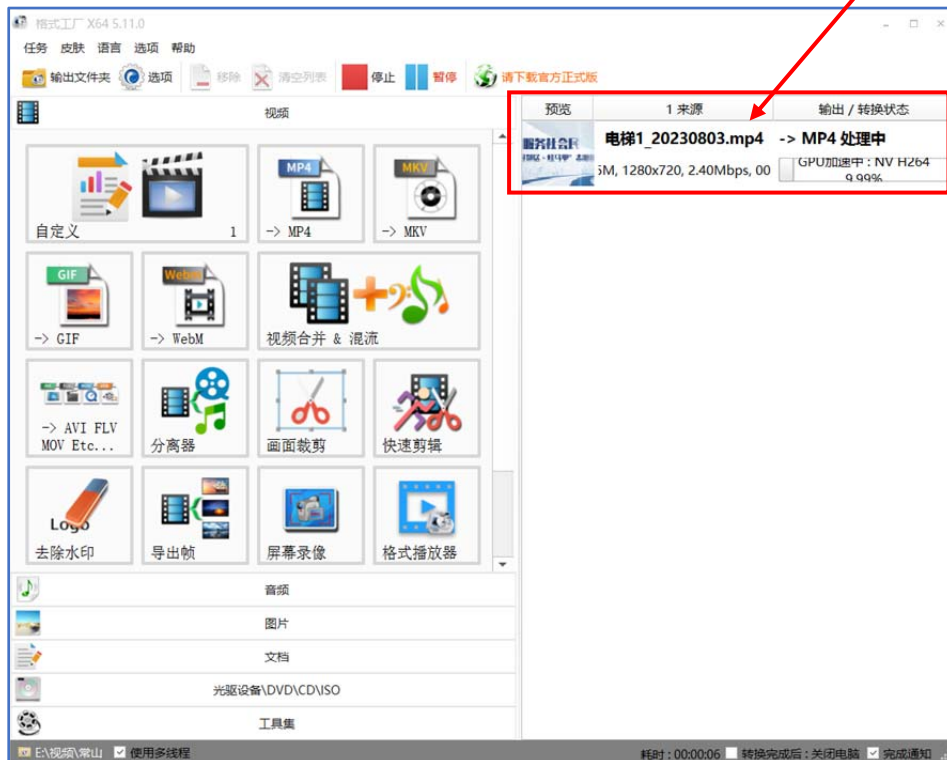
操作 3: 双击“确定”
 Oper 3: Double click "确定"

第五步：双击“开始”进入转码处理

Step 5: Double click "Start" to enter transcoding process



转码进行中，显示转码的进程
Transcoding in progress: displays the transcoding process



第六步： 转码完成、双击右上角 “X” 退出，去 “源文件” 目录，查原码后的文件

Step 6: After the transcoding is complete, double-click the "X" in the upper right corner to exit, go to the "source file" directory, and check the file after the original code



方法二： 通过 “专用软件” 进行转码，具体操作步骤如下：

Method 2: Transcoding through "dedicated software", the specific steps are as follows:

第一步： 双击运行 “视频转换应用软件.exe”

Step 1: Double-click Run “视频转换应用软件.exe”

名称	修改日期	类型	大小
视频转换应用软件.exe	2024/1/9 19:24	应用程序	211 KB
Qt5WinExtras.dll	2020/11/6 17:20	应用程序扩展	198 KB
Qt5Widgets.dll	2020/11/6 13:30	应用程序扩展	4,355 KB
Qt5Test.dll	2020/11/6 13:30	应用程序扩展	219 KB
Qt5Svg.dll	2020/11/6 16:23	应用程序扩展	258 KB
Qt5RemoteObjects.dll	2020/11/6 17:02	应用程序扩展	368 KB
Qt5QuickTest.dll	2020/11/6 16:42	应用程序扩展	99 KB
Qt5QuickTemplates2.dll	2020/11/6 17:13	应用程序扩展	921 KB
Qt5QuickControls2.dll	2020/11/6 17:13	应用程序扩展	141 KB
Qt5Quick3DUutils.dll	2020/11/6 17:07	应用程序扩展	41 KB

第二步： 进入视频转码界面;

Step 2: enter the video transcoding interface.



操作 1: 单击“视频转码”, 进入“视频转码”界面
 Oper 1: Click “视频转码”, the Video Transcoding page is displayed

操作 2: 单击“添加文件”, 进入“源文件”目录
 Oper 2: Click “添加文件” go to the Source File directory

第三步: 选择要转码的“源文件”, 并单击打开

STEP3: Select the source file you want to transcode and click Open



操作 2: 单击“打开”
 Oper 2: Click “打开”

操作 1: 选择要转码的“源文件”
 Oper 1: Select the "source file".

第四步: 单击“转码”完成转码, 转码文件在源文件目录里查阅

STEP 4: Click Transcoding to complete the transcoding, and view the transcoding file in the source file directory



操作 1: 将视频显示比例选为 4: 3
 Oper 1: Set the video display ratio to 4:3

操作 2: 单击“转码”完成转码
 Oper2: Click “转码” to complete

第五步：转码完成，自动退出；

Step 5: Complete the transcoding, automatically exit;



转码进程/ Transcoding process

完成后退出/ Exit when done

第六步：文件查阅：转码完成后，会生成带当前日期后缀的文件

Step 6: File access: After the transcoding is completed, a file with the current date suffix will be generated

三、视频合并 video merging

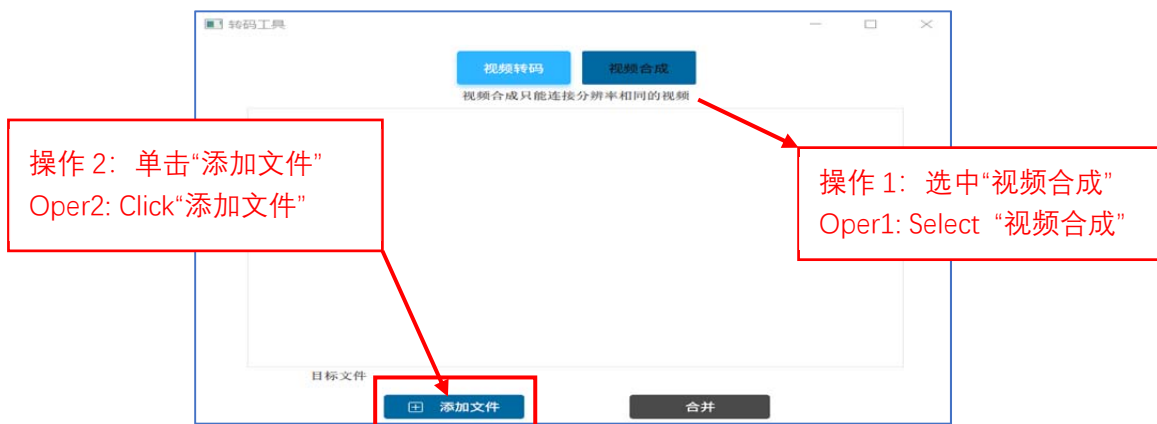
第一步：双击运行“视频转换应用软件.exe”

Step 1: Double-click Run “视频转换应用软件.exe”

名称	修改日期	类型	大小
视频转换应用软件.exe	2024/1/9 19:24	应用程序	211 KB
Qt5WinExtras.dll	2020/11/6 17:20	应用程序扩展	198 KB
Qt5Widgets.dll	2020/11/6 13:30	应用程序扩展	4,355 KB
Ot5Test.dll	2020/11/6 13:30	应用程序扩展	219 KB

第二步：进入视频合成界面

Step 2: Enter the video merging interface.



操作 2：单击“添加文件”
Oper2: Click“添加文件”

操作 1：选中“视频合成”
Oper1: Select “视频合成”

【注 2】视频合成只能是相同分辨率的产品，不同分辨率的产品，可以通过上述的转码完成一致。

[Note2] Video synthesis can only be the same resolution of the product, different resolution of the product, can be completed through the above transcoding consistency.

第三步：添加文件



操作 1: 选中要合并的文件, 逐个添加
 Oper1: Select the files to be merged and add them one by one

操作 2: 选中“合并”, 单击打开
 Oper 2: Select it and click Open



操作 3: 如果需要删除选中的文件, 单击“X”
 Oper 3: If you want to delete the selected file, click “X”

操作 4: 单击“合并”
 Oper 4: click “合并”



合并进程界面/ Merge process interface



合并完成界面/ Merge completion interface

第六步：文件查阅：合并完成后，会生成带当前日期后缀的文件

Step 6: File lookup: After the merge is complete, a file with the current date suffix is

generated

3. U 盘规格 U Disk specifications

3.1 U 盘容量 capacity: $\leq 16G$.

3.2 文件系统 file system: FAT32.

3.3 U 盘品牌 brand: 只支持正规品牌 Only regular brands are supported.

4.视频升级 U 盘制作 Video update U disk production

将“视频升级压缩包”解压缩后，将脚本文件 mxinstaller.bin 和文件夹 media，拷贝到 U 盘的根目录下（必须是根目录），文件说明如下：

After decompressing the "Video Download Software Compression", copy the file mxinstaller.bin: and the folder media to the root directory of the U disk (it must be the root directory), and the file description is as follows:

3.1 脚本文件 file: mxinstaller.bin:

升级命令脚本，必须包含该文件，该文件丢失或损坏，将无法进行更新。The upgrade command script must contain the file, which is missing or corrupted and cannot be updated.

3.2 文件夹 folder :media

用于存放待更新视频，所以需要将待更新的视频拷贝到该文件夹，升级过程中，将删除设备中的视频，并将 media 文件夹内的视频内容复制到设备中。It is used to store the video to be updated, so you need to copy the video to be updated to this folder, during the upgrade process, the video in the device will be deleted, and the video content in the media folder will be copied to the device.

一、更新过程 Update process

1. 产品正常工作状态下，将 U 盘插入设备的任意一个 USB 接口（USB1 或 USB2），设备将自动识别 U 盘；Under normal working conditions, insert the U disk into any USB interface of the device, and the device will automatically recognize the U disk;



2. U 盘被识别后，设备将显示正在更新的提醒，更新的时间长短取决于视频文件总的大小，在更新过程中，请勿拔掉 U 盘或断电，下图为视频更新界面。After the U disk is recognized, the device will display a reminder that it is being updated, the length of the update depends on the total size of the video file, during the update process, please do not unplug the USB flash drive or power off, The following picture shows the video update interface;



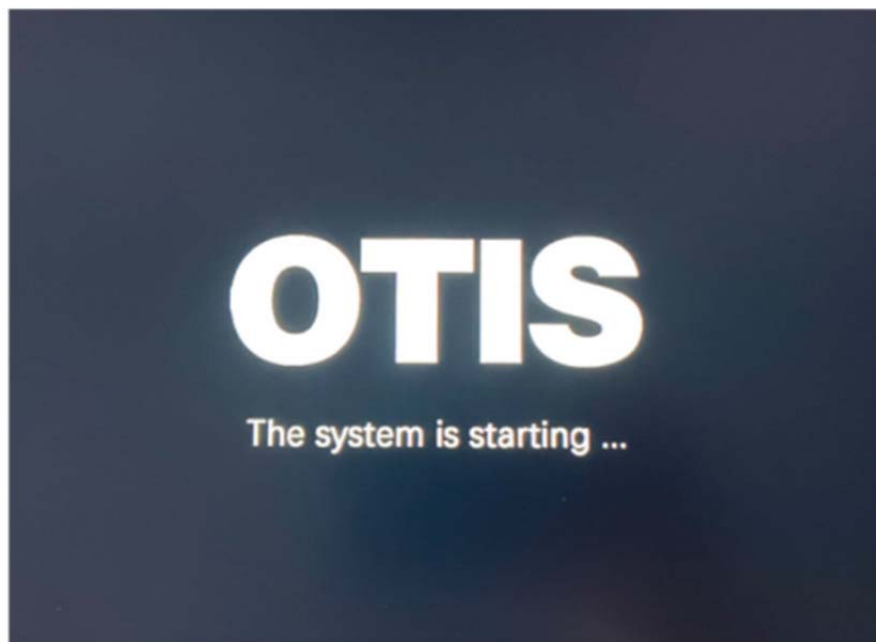
视频更新过程界面/ Video update process the interface

3. 待更新完成后, 设备将显示拔掉 U 盘的提醒, 此时可以拔掉 U 盘; 下图为视频更新完成界面。
After the update is completed, the device will display a reminder to unplug the U disk, at which time you can unplug the U disk; The following picture shows the video update completion interface.



视频更新完成界面/ Video update completes the interface

4. 拔掉 U 盘, 设备将自动重新启动; 设备重启界面。Unplug the USB flash drive and the device will restart automatically, Device restart screen.



设备重启界面/ Device restart screen

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2024.01.31