

Download

To download JPG or MP4 files stored in SD, we need to check and find out the files in the SD card before downloading. We need to follow the following process:
create->startfind->findnextfile->close->destroy->download.

For example:

You can enter the following URLs one by one in the browser, Please replace **44580176** with the number obtained from the first step create

- 1、 <http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=factory.create>
- 2、 <http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=findFile&object=44580176&condition.Channel=0&condition.StartTime=2021-8-7%2000:00:00&condition.EndTime=2023-8-7%2023:59:59>
- 3、 <http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=findNextFile&object=44580176&count=100>
- 4、 <http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=close&object=44580176>

Now you have the file in the SD card, and you can download it by using the download command.

1.Create

URL Syntax	<code>http://<ip>:port/cgi-bin/mediaFileFind.cgi?action=factory.create</code>
Comment	Create a media file finder
Example	<code>http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=factory.create</code>
Response	result= 44574872 The " 44574872 " will be used in 'StartFind' command

2.StartFind

URL Syntax	http://<ip>:port/cgi-bin/mediaFileFind.cgi?action=findFile&object=< <i>objectId</i> >&condition.Channel=< <i>channel</i> >&condition.StartTime=< <i>start</i> >&condition.EndTime=< <i>end</i> >&condition.Types[0]=< <i>type</i> >&condition.Flag[0]=< <i>flag</i> >&condition.Events[0]=< <i>event</i> >
Comment	<p>Start to find file with the above condition. If start successfully, return true, else return false.</p> <p>object : The object Id is got from interface in 3.2.1.1</p> <p>condition.Channel: in which channel you want to find the file .</p> <p>condition.StartTime/condition.EndTime: the start/end time when recording.</p> <p>condition.Types: which types of the file you want to find. It is an array. The index starts from 0. The range of <i>type</i> is { "jpg", "mp4" }. If omitted, find files with all the types.</p> <p>condition.Flags: which flags of the file you want to find. It is an array. The index starts from 0. The range of <i>flag</i> is { "Timing", "Manual" }. If omitted, find files with all the flags.</p> <p>Example:</p> <p>Find file in channel 0, and time between 2021-8-25 00:00:00 and 2021-8-25 23:59:59 , URL is:</p> <p>http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=findFile&object=44574872&condition.Channel=0&condition.StartTime=2021-8-25%2000:00:00&condition.EndTime=2021-8-25%2023:59:59</p>
Example	<p>http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=findFile&object=44580176&condition.Channel=0&condition.StartTime=2019-8-7%2000:00:00&condition.EndTime=2019-8-7%2023:59:59</p> <p>The string '44580176' is created by 'Create' command.</p>
Response	OK or Error

3. FindNextFile

URL Syntax	http://<ip>:port/cgi-bin/mediaFileFind.cgi?action=findNextFile&object=< <i>objectId</i> >&count=< <i>fileCount</i> >
Comment	<p>Find the next <i>fileCount</i> files.</p> <p>The maximum value of <i>fileCount</i> is 100.</p>
Example	<p>http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=findNextFile&object=44580176&count=100</p> <p>The string '44580176' is created by 'Create' command.</p>
Response	<p>found=4</p> <p>items[0]. StartTime = 2021-08-25 13:56:07</p> <p>items[0]. EndTime = 2021-08-25 13:56:57</p> <p>items[0]. FilePath = /mnt/sd/2021-08-25/001/dav/13/13.56.07-13.56.57[F][0@0][0].mp4</p> <p>items[0]. Length = 6852688</p>

	items[0]. Duration = 50 The maximum value of the string "found" is 100. If the number of files exceeds 100, this "FindNextFile" instruction needs to be called multiple times
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4. Close

URL Syntax	http://<ip>:port/cgi-bin/mediaFileFind.cgi?action=close&object=<objectId>
Comment	Stop find.
Example	http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=close&object= 44580176 The string ' 44580176 ' is created by 'Create' command.
Response	OK or ERROR

5. Destory

URL Syntax	http://<ip>:port/cgi-bin/mediaFileFind.cgi?action=destroy&object=<objectId>
Comment	Destroy the media file finder.
Example	http://192.168.1.108/cgi-bin/mediaFileFind.cgi?action=destroy&object= 44580176 The string ' 44580176 ' is created by 'Create' command.
Response	OK or ERROR

6. Download

URL Syntax	http://<ip>/cgi-bin/RPC_Loadfile/<filename>
Comment	Jpg,mp4 download
Example	http://192.168.1.108/cgi-bin/RPC_Loadfile/mnt/sd/2021-07-13/001/dav/09/09.30.37-09.30.47[R][0@0][0].mp4
Response	HTTP Code: 200 OK Content-Type: Application/octet-stream Content-Length:<fileLength> Body: <data> <data> Save the data in Body to a file.

7. Storage Device

URL Syntax	http://<ip>:port/cgi-bin/storageDevice.cgi?action=getDeviceAllInfo
Response	list.info[0].Detail[0].IsError=false list.info[0].Detail[0].Path=/mnt/sd list.info[0].Detail[0].TotalBytes=15481569280.000001 list.info[0].Detail[0].Type=ReadWrite list.info[0].Detail[0].UsedBytes=14927429631.999999 list.info[0].Name=/dev/mmc0 list.info[0].State=Success
Comment	Get all the storage device infos

