

API Integration Basic Process

1. All the following steps need the device to be online
2. You can use the ceiba client to check the device's online status and the device's Serial No.
3. You can use the web ceiba to check if the API work normally if you received an error

Basic info

- Device Serial No. 0089000EFD
- Server address http:IP:12056 (IP and Port is the web ceiba used, the default port is 12056) * Login Username: username (Ceiba client login username) * Login password: password (Ceiba client login password) * KEY zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D (This key is a sample, do not use it in your code) * Demo url: <http://IP:12056/h5demo/index.html> (Visible after login) * API help url http:IP:12056/help/api/default.html (Visible after login) ===== **LiveView** ===== **1. Get key** Request URL: `<code>`
<http://IP:12056/api/v1/basic/key?username=username&password=password> `</code>` Return: `<code>`
{ "data": { "key": "zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D" }, "errorcode": 200 } `</code>` **2. Get LiveView port** Request URL: `<code>`
<http://IP:12056/api/v1/basic/live/port?key=zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D> `</code>` Return: `<code>`
{ "data": [{ "port": 12060 }, { "port": 12061 }, { "port": 12062 }, { "port": 12063 }], "errorcode": 200 } `</code>` **3. Get LiveView URL** Request URL: `<code>`
<http://IP:12056/api/v1/basic/live/video?key=zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D&terid=0089000EFD&chl=1&audio=1&st=0&port=12060&dt=mdvr> `</code>` Return: `<code>`
{ "data": { "url": "http://IP:12060/live.flv?devid=0089000EFD&chl=1&st=0&isaudio=1&dt=mdvr" }, "errorcode": 200 } `</code>` **4. Open the LiveView** `<code>` Open the demo player, or VLC player, or any other video player which can support playing streaming and input the above **LiveView** URL to open the **LiveView**; `</code>` ===== Playback ===== **1. Search the record list** Request URL: `<code>`
<http://IP:12056/api/v1/basic/record/filelist?key=zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D&terid=00880038EE&starttime=2019-04-18%2000:00:00&endtime=2019-04-19%2023:59:59&chl=1,2,3,4&ft=0&st=1> `</code>` Return: `<code>`
{ "data": [{ "name": "0-58-0", "filetype": 1, "chn": 2, "starttime": "2019-04-18 00:14:42", "endtime": "2019-04-18 00:14:42" }, { "name": "0-58-1", "filetype": 1, "chn": 2, "starttime": "2019-04-18 00:14:42", "endtime": "2019-04-18 00:14:48" }, { "name": "0-60-0", "filetype": 1, "chn": 3, "starttime": "2019-04-18 00:14:42", "endtime": "2019-04-18 00:14:42" }] } `</code>`

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00:14:48"}, {"name": "0-61-0", "filetype": 1, "chn": 4, "starttime": "2019-04-18
00:14:42", "endtime": "2019-04-18
00:14:48"}, {"name": "0-63-0", "filetype": 1, "chn": 1, "starttime": "2019-04-18
00:14:42", "endtime": "2019-04-18 00:14:48"}], "errorcode": 200} </code> 2. Get the playback
URL Request URL: <code>
http://IP:12056/api/v1/basic/record/video?key=zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVf
Nq0q3nEdI%2Fw%3D%3D&terid=00880038EE&starttime=2019-04-18%2000:14:42&endtime=
2019-04-18%2000:14:48&chl=1 </code> Return: <code>
{"data": {"url": "http://IP:8090/play/00880038EE/1/20190418001442_20190418001448_main.m3
u8"}, "errorcode": 200} </code> 3. Playback <code> Open the demo player, or VLC player, or
any other video player which can support playing streaming and input the above Playback URL
to open the Playback; </code>
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