

# Ceiba2 API集成基本流程

1. 以下所有操作需要设备在线
2. 你可以使用Ceiba客户端来检查设备在线状态和查看设备序列号
3. 你可以使用Ceiba的web客户端来检查API是否工作正常

## 基础信息

- 设备序列号 0089000EFD
- 服务器地址：<http://IP:12056/>
- 登录用户名: username
- 登录密码: password
- KEY zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D
- Demo地址: <http://IP:12056/h5demo/index.html>
- API文档地址：<http://IP:12056/help/api/default.html>

## 实时预览

### 1. 获取Key

Request URL:

```
http://IP:12056/api/v1/basic/key?username=username&password=password
```

Return:

```
{"data":{"key":"zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D"}, "errorcode":200}
```

### 2. 获取实时预览端口

Request URL:

```
http://IP:12056/api/v1/basic/live/port?key=zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D
```

Return:

```
{"data":[{"port":12060}, {"port":12061}, {"port":12062}, {"port":12063}], "errorcode":200}
```

### 3. 获取实时预览URL

Request URL:

```
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
```

Return:

```
{"data":{"url":"http://IP:12060/live.flv?devid=0089000EFD&chl=1&st=0&isaudio=1&dt=mdvr"},"errorcode":200}\\
```

## 4. 打开实时预览

使用demo player，或者VLC播放器或者其他支持流媒体播放的视频播放器打开上述URL来开始实时预览;

# 远程回放

## 1. 查询录像列表

Request URL:

```
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
```

Return:

```
{ "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 00:14:48" }, { "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 }
```

## 2. 获取回放URL

Request URL:

```
http://IP:12056/api/v1/basic/record/video?key=zT908g2j9ng4xe0Nr2n1hbSblgS24wXjZV3o9wsVfNq0q3nEdl%2Fw%3D%3D&terid=00880038EE&starttime=2019-04-18%2000:14:42&endtime=2019-04-18%2000:14:48&chl=1
```

Return:

```
{"data":{"url":"http://IP:8090/play/00880038EE/1/20190418001442_20190418001448_main.m3u8"},"errorcode":200}
```

### 3. 回放

使用demo player，或者VLC播放器或者其他支持流媒体播放的视频播放器打开上述URL来开始实时回放;

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