

CCAPI RTP STREAMING QUICK START GUIDE

Introduction

This guide demonstrates use of the RTP streaming API.

Requirements

- CCAPI enabled Canon Camera
- HTTP Client
- Media Player

Pre-requisites

- Camera Control API Operation Guide (CameraControlAPI_OperationGuide_EN.pdf)

Sequence

After establishing a CCAPI connection to a camera send the following command:

GET /ccapi/ver100/shooting/liveview/rtpsessiondesc

http://192.168.1.2:8080/ccapi/ver100/shooting/liveview/rtpsessiondesc

GET http://192.168.1.2:8080/ccapi/ver100/shooting/liveview/rtpsessiondesc

Params Authorization Headers (7) Body Pre-request Script Tests

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (2) Test Results

Status: 200 OK Time: 16 ms Size: 261 B Download

Pretty Raw Preview Auto

```
1 v=0
2 o=- 0 0 IN IP4 192.168.1.2
3 s=RTP Session
4 c=IN IP4 0.0.0.0
5 t=0 0
6 a=control *
7 m=video 12000 RTP/AVP 103
8 a=rtpmap:103 H264/90000
9 m=audio 12010 RTP/AVP 106
10 a=rtpmap:106 MP4A-LATM/48000
11
```

Save the response body into a SDP file:

Save As

Computer > Local Disk (C:) > Canon

File name: CCAPI RTP.sdp

Save as type: All Files (*.*)

Encoding: ANSI

Save Cancel

Untitled - Notepad

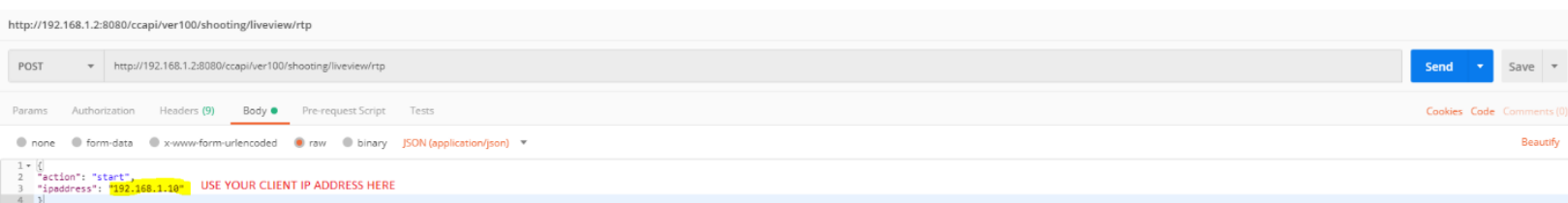
```
v=0
o=- 0 0 IN IP4 192.168.1.2
s=RTP Session
c=IN IP4 0.0.0.0
t=0 0
a=control *
m=video 12000 RTP/AVP 103
a=rtpmap:103 H264/90000
m=audio 12010 RTP/AVP 106
a=rtpmap:106 MP4A-LATM/48000
```

Start the RTP stream by sending the following command:

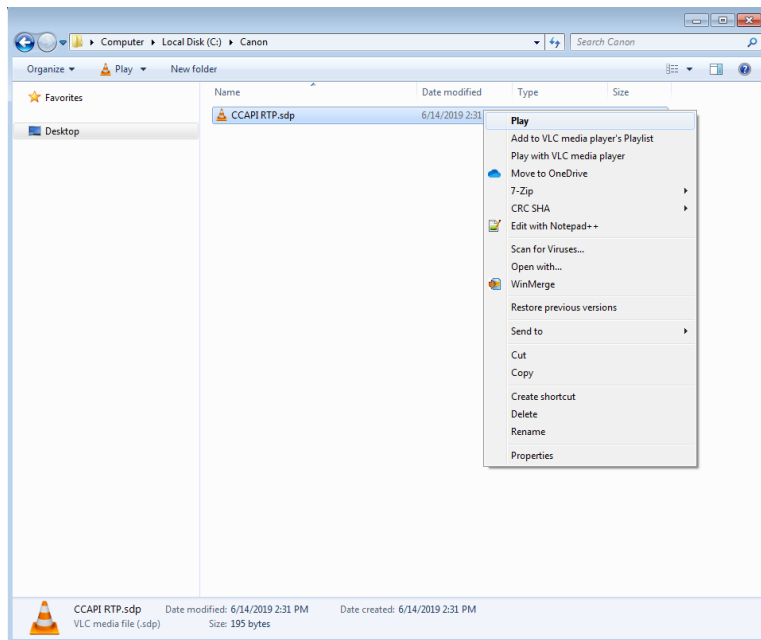
POST /ccapi/ver100/shooting/liveview/rtp

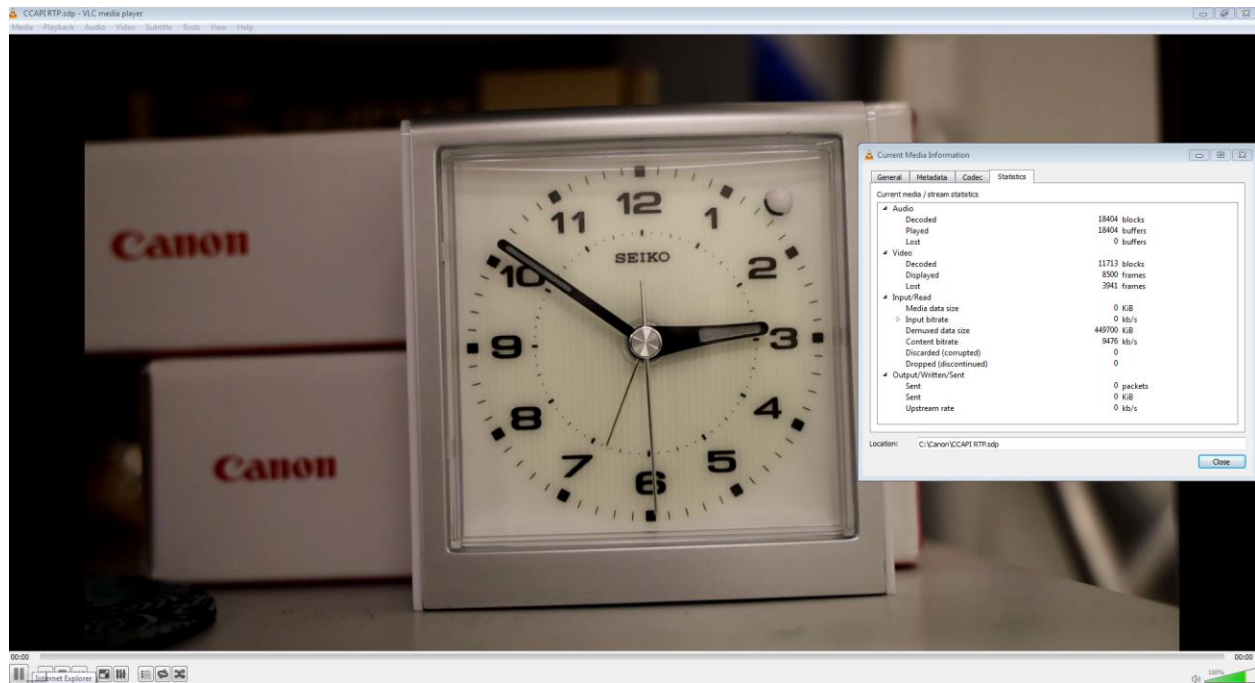
Request Body:

```
{  
  "action": "start",  
  "ipaddress": "YOUR_IP"  
}
```



Open your SDP file:





When you are ready to stop the RTP stream, send the following command:

POST /ccapi/ver100/shooting/liveview/rtp

Request Body

```
{  
  "action": "stop",  
  "ipaddress": ""  
}
```