

1. **POST** - Login/GetAccess token

<https://ipcamera.adaptonline.com:8080/api/login>

POST METHOD:

Request JSON Body:

```
{  
  
    "uname": "admin",  
    "psw": "admin"  
  
}
```

OUTPUT:

admin^w^0^0^0^1711972888^f076e145632aad60e4622a8061139d7ae5adebc7

2. **GET** - generate_camera id

<https://ipcamera.adaptonline.com:8080/api/cameraid>

Pass token key generated in login API in request headers-

Request Headers

token - admin^w^0^0^0^1711972888^f076e145632aad60e4622a8061139d7ae5adebc7

OUTPUT:

660a9412054998ecea344db9e724b79669fa52ed604f4ceecbe145

3. **POST** -register_camera

<https://ipcamera.adaptonline.com:8080/api/register>

POST METHOD:

Request JSON Body:

```
{  
  
    "rtp": {  
  
        "660a9412054998ecea344db9e724b79669fa52ed604f4ceecbe145": { "ip": "ipcamera.adappt  
online.com", "cameratyp": "Baby-Monitor",  
  
            "firmwareVer": "0.1", "macAddress": "xyz", "serviceid": "EC2-WEBRTC" }  
  
    }  
  
}
```

OUTPUT:

```
{
  "access_key_id": "ASIAYAISQDEVMDRBHAMD",
  "secret_access_key": "VQlaH3sXJ4zVfdAHgFpImb7jODlKQ03Fuk1No1vZ",
  "session":
  "IQoJb3JpZ2luX2VjEBsaCmFwLXNvdXRoLTEiRjBEAiBZEPh5CPvLVLF8q0Q8veG/Vrs4ECL70PoDQDP26gb9vgIgR8lRY
  owqeXEW5SzwWABdsqjlOJAS7mS08li5MpccIqlgIIRBACGw1NTAzMzE0ODg1NTQiDER/sThuP3Z8StKoSSrzASWu6Jl
  XleeLLpb0ddbSVnObz1l3Z2o5Uv3K5JK3JWrf6N+s/0DVStvNV/o/hysTeMVB51VOWKwizPcXiofA2+04rrDNclyyDFlu
  zT5tPAeE94PRUgfFOjg0eII3cHiq2khiZ/OHNkCnmql0olhgWv2zTPiyj+QSKSI7mAWRv7wJKdeLSQgBrMtcd6T9gZh10
  dV3UqcHL7Kh+SWklhmyx3P2POEDMx6+74xoq182HbZXP/6o6ke62bgyjrHShQE+nz7cciHpVdj6AdLR/nLfQa52VPwoglW
  KzvS6X6+Jxg+K7AAG5moGkJ5cXNn3kgvVvOOjCIraqwBjqeAc3riI1QI1lTb4NKwLsPiNzWI4Qd9tb0d0g/xcmnFbi/gJx
  jTySCT37IfsNgnfkDimA27bziA3ckaIjsU1tI3UNsgx2verXqfWkAAz0eR27lkVDxymI+OJEGmyE/wDCu8xPu3x0bFaAca
  IMkSIVCHbDyKOWQ+zCrw+Kys8Hgqdg5TIkn4pnX843GymIuEU2Qm/gC216yO72MEWDwlr3B"
}
```

4. **PUT**-assign_cameratoUser(SAVE)

<https://ipcamera.adaptonline.com:8080/api/put>

PUT METHOD:

Request Headers:

token - admin^w^0^0^0^1711972888^f076e145632aad60e4622a8061139d7

Request JSON Body:

```
{
  "660a9412054998ecea344db9e724b79669fa52ed604f4ceecbe145": "Room101"
}
```

OUTPUT: Success

4. **DELETE**-Delete_cameratoUser(DELETE)

<https://ipcamera.adaptonline.com:8080/api/del>

DELETE METHOD:

Request Headers:

token - admin^w^0^0^0^1711972888^f076e145632aad60e4622a8061139d7

Request JSON Body:

```
{"660a9412054998ecea344db9e724b79669fa52ed604f4ceecbe145": "Room101"}
```

OUTPUT: Success

5. GET - generate_camera id

<https://ipcamera.adaptonline.com:8080/api/camlist>

Request Headers:

token - admin^w^0^0^0^1711972888^f076e145632aad60e4622a8061139d7ae5adebc7

OUTPUT:

```
{
  "65c108570948a0346f67424623c38f86a7e718712aceadb10ac867": "Room7",
  "65f570720af337cec5335a70ee88cbfb7df32b5ee33ed0b4a896a0": "room8",
  "660a9412054998ecea344db9e724b79669fa52ed604f4ceecbe145": "Room101"
}
```

6. GET - get Camera list

<https://ipcamera.adaptonline.com:8080/api/camtree>

Request Headers:

token - admin^w^0^0^0^1711972888^f076e145632aad60e4622a8061139d7ae5adebc7

OUTPUT:

```
{
  "Room101": {
    "video": "660a9412054998ecea344db9e724b79669fa52ed604f4ceecbe145"
  },
  "Room7": {
    "video": "65c108570948a0346f67424623c38f86a7e718712aceadb10ac867"
  },
  "room8": {
    "video": "65f570720af337cec5335a70ee88cbfb7df32b5ee33ed0b4a896a0"
  }
}
```

7. **POST -describeSignallingChannel**

This api tell the state of the channel and does the load balancing.

<https://ipcamera.adapptonline.com:8080/describe/describeSignalingChannel>

POST METHOD:

Request JSON Body:

```
{
  "ChannelName": "65f570720af337cec5335a70ee88cbfb7df32b5ee33ed0b4a896a0"
}
```

OUTPUT:

```
{ "ChannelInfo": { "ChannelARN": "65f570720af337cec5335a70ee88cbfb7df32b5ee33ed0b4a896a0", "ChannelName": "65f570720af337cec5335a70ee88cbfb7df32b5ee33ed0b4a896a0", "ChannelStatus": "ACTIVE", "ChannelType": "SINGLE_MASTER", "CreationTime": 1.708848461923E9, "FullMeshConfiguration": null, "SingleMasterConfiguration": { "MessageTtlSeconds": 60, "Version": "1" } }
```

8. **POST -getSignalingChannelEndpoint**

This api tells the endpoint of websocket & https server and does the load balancing

<https://ipcamera.adapptonline.com:8080/endpoint/getSignalingChannelEndpoint>

POST METHOD:

Request JSON Body:

```
{
  "ChannelARN": "65f570720af337cec5335a70ee88cbfb7df32b5ee33ed0b4a896a0"
}
```

OUTPUT:

```
{ "ResourceEndpointList": [ { "Protocol": "HTTPS", "ResourceEndpoint": "https://ipcamera.adapptonline.com" }, { "Protocol": "WSS", "ResourceEndpoint": "wss://ipcamera.adapptonline.com" } ] }
```

9. **POST- iceconfig**

This api tells the Turn ICE server.

<https://ipcamera.adapptonline.com:8080/endpoint/getSignalingChannelEndpoint>

POST METHOD:

Request JSON Body:

```
{
  "ChannelARN": "65f570720af337cec5335a70ee88cbfb7df32b5ee33ed0b4a896a0"
}
```

```
}
```

OUTPUT:

```
{"IceServerList":[{"Uris": []}]}
```

<https://planetary-meadow-94281.postman.co/workspace/Team-Workspace~a03d6d10-cebc-4bff-84d1-f70f55797d87/collection/18375432-e28e7a39-7b81-4291-bfb0-7965729c2ec3?action=share&creator=18375432&active-environment=18375432-89ac961d-718c-4dee-b2d8-625a562220a0>