

How to Link IP Camera when Calling on SIP Phone

| Title:   | How to Link IP Camera when Calling on SIP Phone | Version: | V1.0 | Date: | 11/16/2022 |
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## Preparation

1. The IP camera must support RTSP protocol for live view.

2. Suitable model: DS-KP8000-HE1/ DS-KP8000-WHE1/ DS-KP8200-HE1/ DS-KP9301-HE1

Note: maximum support 1920\*1080 and H.264 IP camera, if the video stream resolution is higher or H.265 encoding, it will live view failed on the SIP phone.

## How to Link IP Camera when Calling on SIP Phone

Login SIP phone web interface, enter *Line--Action Plan* and configure the linkage **Parameter explanation:** 

**Number:** Number or IP on the other side (supports the same number expression as dial plan)

**Type:** When to live view the camera video, **Early** means before answer the call, **Connected** means after.

Direction: Both, incoming call or outgoing call

Line: Select the line which you want to link the IP camera live view

Username and Password: keep them empty, we will include them in the url

**URL:** input the RTSP command, for example

Main stream: rtsp://admin:admin123@172.18.9.200:554/Streaming/Channels/101 Sub stream: rtsp://admin:admin123@172.18.9.200:554/Streaming/Channels/102

Action: live view camera linkage select Video

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|------------------|---|
|                  | SIP SIP Hotspot Dial Plan Action Plan Basic Settings RTCP-XR                                  |
| › System         |   |
| > Network        | Action Plan Add   |
| > Line           | Direction: Both V Line: AUTO V  |
| › Phone settings | URL: rtsp://admin.admin123@172 UserAgent:<br>MCAST Codec: PCMU                                |
| > Phonebook      | Add   |
| › Call logs      | 8807 V Delete Modify  |
| › Function Key   | User-defined Action Plan Table Index Number Type Direction Line Username URL UserAgent Action |
| Application      | 1 8807 Connected Both All rtsp://admin:1qaz2wsx@10.9.96.126:554/Streaming Video               |
| 1/15/04/         | English V Logout  |
| VISION           |   |
|                  | SIP SIP Hotspot Dial Plan Action Plan Basic Settings RTCP-XR                                  |
| stem             |   |
|                  | Action Plan Add   |
| etwork           | Number: 8807 Type: Connected V  |
| ine              | Direction: Both  Line: AUTO Username: Password:   |
| one settings     | URL: rtsp://admin:admin123@172 UserAgent:   |
|                  | MCASI Codec: PCMU V Action: Video V   |
|                  |   |

If you set the type as **Connected**, when number 8807 device call the SIP phone or call 8807 from SIP phone, after answer the call, you can see the linked IP camera on the screen. *Note: DS-KP8000-(W)HE1 and DS-KP8200-HE1 support connected mode only.* 

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If you set the type as **Early**, when the call comes or call number 8807, no matter answer or not, you can see the linked IP camera on the SIP phone.



