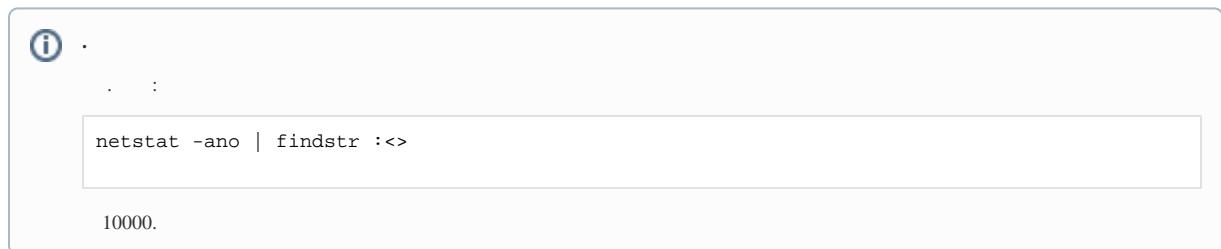


FFmpeg

, FFmpeg RTSP- . :

1. :

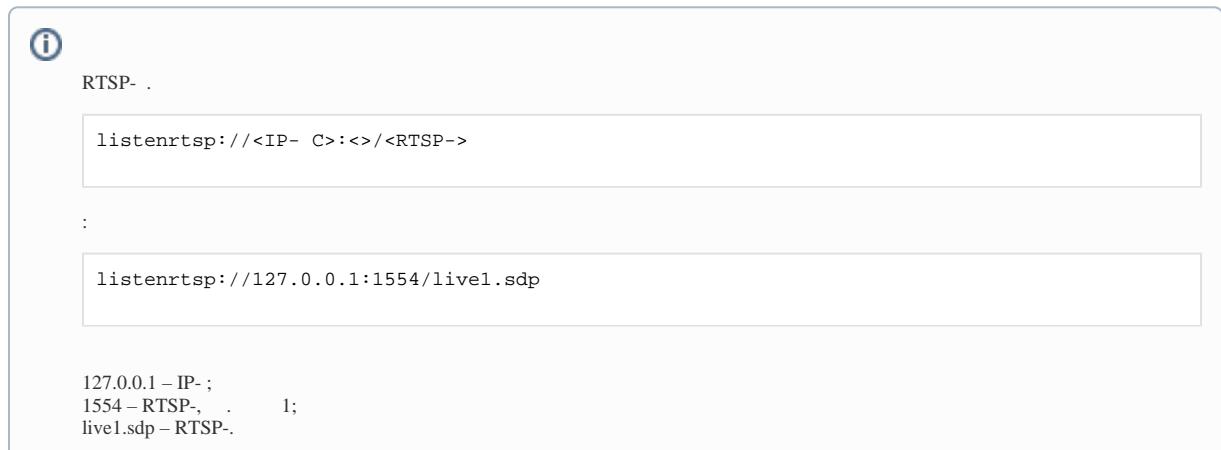
a. :



b. 1 channel device IP- . :

```
listenrtsp://<IP- C>:<>
```

IP-адрес	Порт	Производитель
listenrtsp://10.0.11.23:5	80	FFMPEG
Тип устройства		Модель
IP-устройство		1 channel device



2. :

- FFmpeg .
- ffmpeg.exe.
- :

```
ffmpeg.exe -f gdigrab -video_size 640x480 -i desktop -c:v <> -f rtsp -muxdelay 0.1
"listenrtsp://<IP- C>:<>/<RTSP->"
```

-mpeg2video, mpeg4, h264, hevc;	.
-video_size 640x480 -muxdelay 0.1	.
:	.
-draw_mouse <int>	. 0 1, 1
-show_region <int>	. 0 1, 1
-framerate <video_rate>	()

<code>-video_size <image_size></code>	0
<code>-muxdelay <int></code>	0
<code>-offset_x <int></code>	0
<code>-offset_y <int></code>	Y 0 0



-
- , **offset_x**,
- , **offset_y**,

• , , :

```
ffmpeg.exe -f gdigrab -i desktop -c:v <> -f rtsp -muxdelay 0.1 "listenrtsp://<IP- C>:<>/<RTSP->"
```

-video_size,

• , :

```
ffmpeg.exe -f gdigrab -offset_x 0 -offset_y 0 -video_size 1920x1080 -i desktop -c:v <> -f rtsp -muxdelay 0.1 "listenrtsp://<IP- C>:<>/<RTSP->"
```

-pix_fmt .. :

```
-pix_fmt yuv420p
```

:

```
ffmpeg.exe -f gdigrab -offset_x 1920 -offset_y 0 -video_size 1920x1080 -i desktop -c:v <> -f rtsp -muxdelay 0.1 "listenrtsp://<IP- C>:<>/<RTSP->"
```

-offset_x 1920 1920,
, **-offset_x -offset_x 3840**, 3840,



-offset_x , ,

• , :

```
ffmpeg.exe -f gdigrab -offset_x 0 -offset_y 0 -video_size 3840x1080 -i desktop -c:v <> -f rtsp -muxdelay 0.1 "listenrtsp://<IP- C>:<>/<RTSP->"
```

-video_size 3840x1080

```
ffmpeg.exe -f gdigrab -offset_x 1920 -offset_y 0 -video_size 3840x1080 -i desktop -c:v <> -f rtsp -muxdelay 0.1 "listenrtsp://<IP- C>:<>/<RTSP->"
```

```
-offset_x 1920      ;  
-video_size 3840x1080 .
```

- NVIDIA FFmpeg.

```
:  
ffmpeg.exe -f gdigrab -i desktop -c:v <> -f rtsp -muxdelay 0.1 "listenrtsp://<IP- C>:<>/<RTSP->"
```

h264_nvenc (H264), hevc_nvenc (H265).



Intel h264_qsv hevc_qsv, AMD h264_amf hevc_amf.

```
,c NVENC h.264, 4096x4096 . , NVENC h.265, 8192x8192 .  
, NVENC h.264 1920x1080 .
```