# 640x360: auto exposure

**54kbps, 8fps**

raspivid -ex auto -n -w 640 -h 360 -fps 8 -b 200000 -t 6000 -o - | ffmpeg -y -an -r 8 -i - -vcodec copy /mnt/tor/output.mp4

**101kbps, 10fps**

raspivid -ex auto -n -w 640 -h 360 -fps 10 -b 296000 -t 6000 -o - | ffmpeg -y -an -r 10 -i - -vcodec copy /mnt/tor/output.mp4

**122kbps, 9fps**

raspivid -ex auto -n -w 640 -h 360 -fps 9 -b 400000 -t 6000 -o - | ffmpeg -y -an -r 9 -i - -vcodec copy /mnt/tor/output.mp4

**124kbps, 10fps**

raspivid -ex auto -n -w 640 -h 360 -fps 10 -b 360000 -t 8000 -o - | ffmpeg -y -an -r 10 -i - -vcodec copy /mnt/tor/output.mp4

**230kbps, 15fps**

raspivid -v -ex auto -n -w 640 -h 360 -fps 14 -b 480000 -t 6000 -o - | ffmpeg -y -an -r 14 -i - -vcodec copy /mnt/tor/output.mp4

ffmpeg -y \  
  -f h264 \  
  -i fifo \  
  -c:v copy \  
  -map 0:0 \  
  -f segment \  
  -segment\_time 4 \  
  -segment\_format mpegts \  
  -segment\_list "live.m3u8" \  
  -segment\_list\_size 1800 \  
  -segment\_list\_flags live \  
  -segment\_list\_type m3u8 \  
  "%08d.ts" < /dev/null

RTMP +tunnel

raspivid -ex auto -n -w 640 -h 360 -fps 10 -b 360000 -t 0 -o -|ffmpeg -y -an -r 10 -i - -vcodec copy -f flv -metadata streamName=myStream tcp://0.0.0.0:6666 -an -vcodec copy -f h264 /run/shm/video