

Guide to Streaming with Cupola360 on YouTube via RTMP

1. Prepare Your Camera and Network

- Ensure the camera is powered up and connected to a stable network.
- Verify that the camera's firmware is up to date.
- Check the camera's network settings by pinging 8.8.8.8 (Google public DNS server) using telnet. For Telnet login credentials, please contact the Cupola360 technical support team.

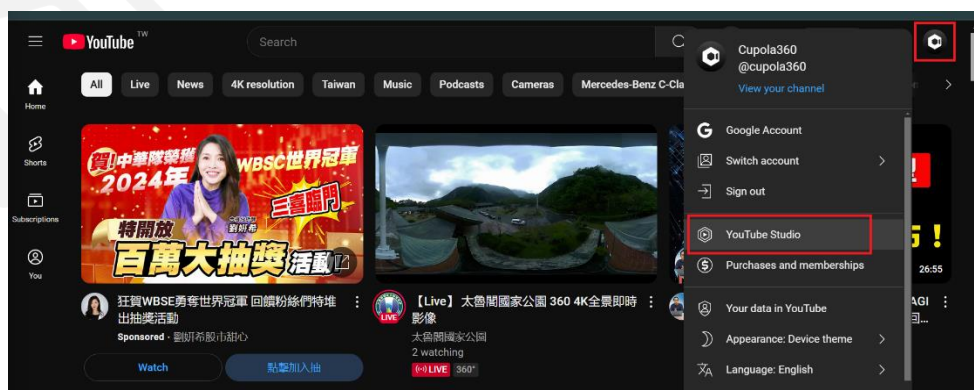
```
192.168.70.34 - Tera Term VT
File Edit Setup Control Window KanjiCode Help

Aspeed login: root
Password:
[AST ~]$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8): 56 data bytes
64 bytes from 8.8.8.8: seq=0 ttl=118 time=10.000 ms
64 bytes from 8.8.8.8: seq=1 ttl=118 time=0.000 ms
64 bytes from 8.8.8.8: seq=2 ttl=118 time=0.000 ms
64 bytes from 8.8.8.8: seq=3 ttl=118 time=0.000 ms
64 bytes from 8.8.8.8: seq=4 ttl=118 time=0.000 ms
64 bytes from 8.8.8.8: seq=5 ttl=118 time=0.000 ms
64 bytes from 8.8.8.8: seq=6 ttl=118 time=0.000 ms
^C
--- 8.8.8.8 ping statistics ---
7 packets transmitted, 7 packets received, 0% packet loss
round-trip min/avg/max = 0.000/1.428/10.000 ms
[AST ~]$
```

2. Create a YouTube Live Stream

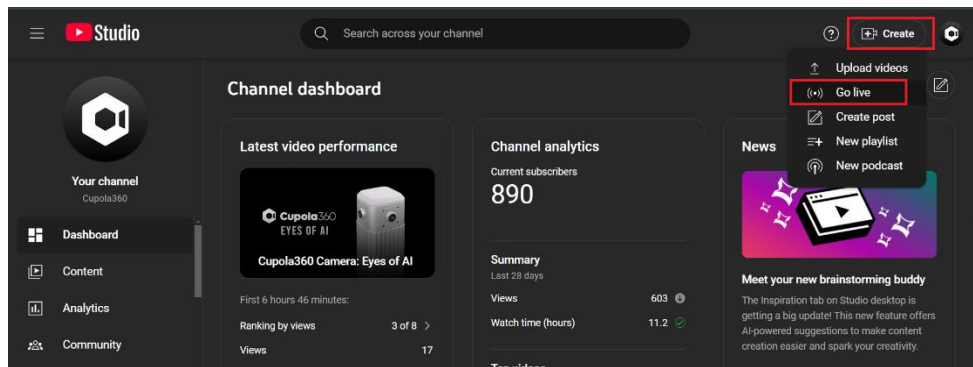
A. Access YouTube Studio

- Open YouTube and log in to your account.
- Click on your profile picture and select "YouTube Studio".

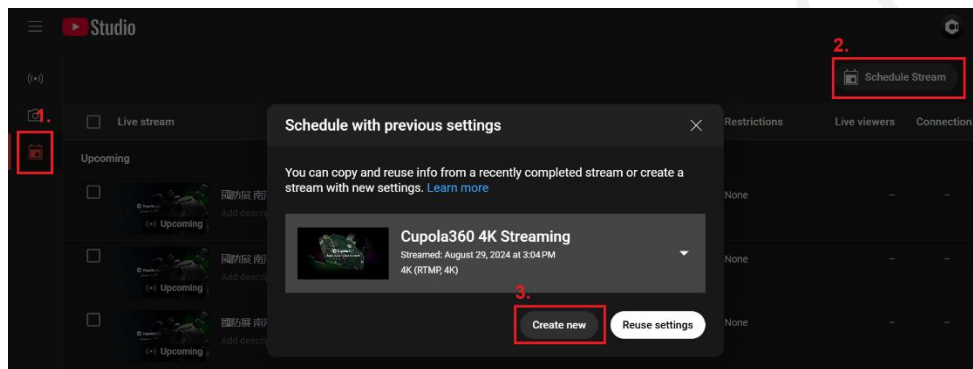


B. Set Up the Live Stream

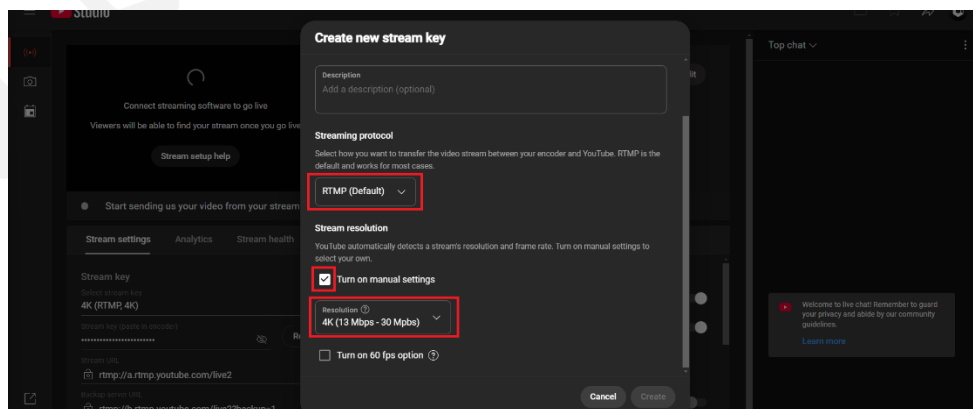
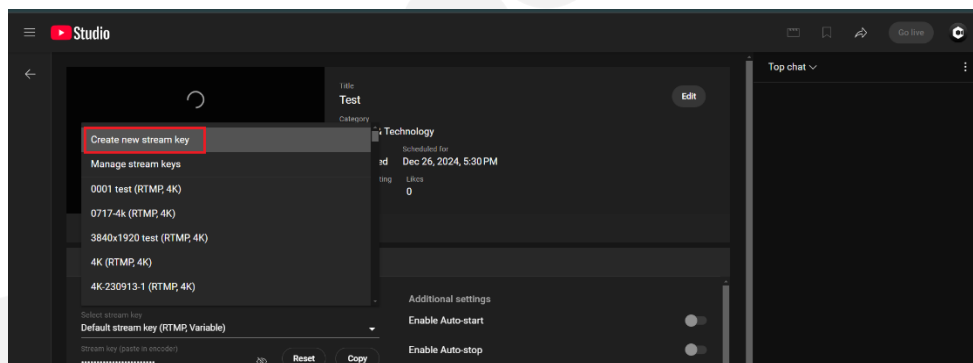
- Click on “Create” and select “Go Live”.



- Go to “Manage”, select “Schedule Stream”, and click “Create New”.

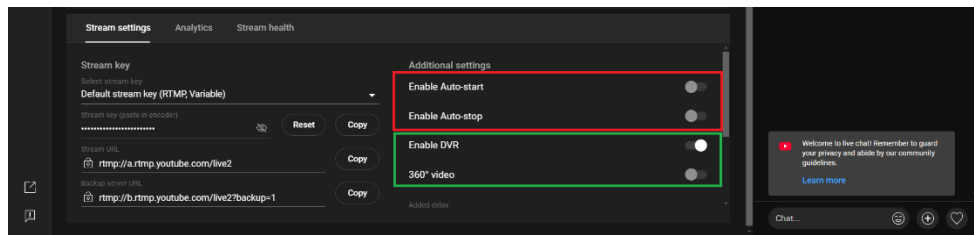


- Create a 4K stream key if needed.

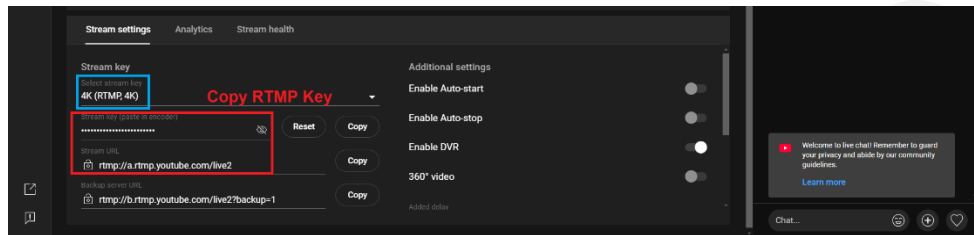


C. Configure Stream Settings

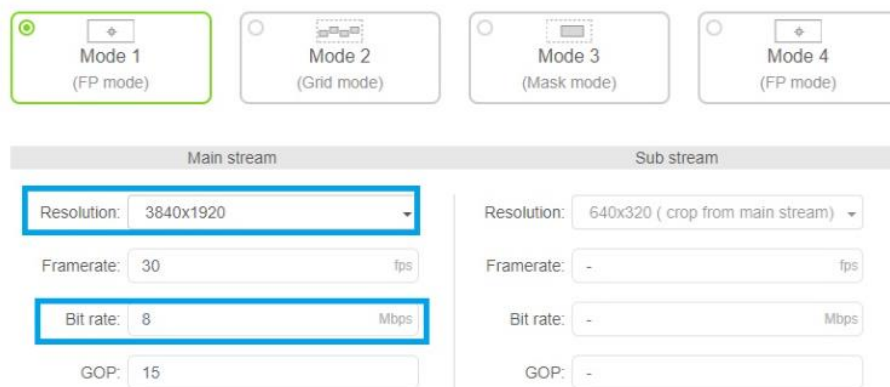
- **Disable** “Auto-start” & “Auto-stop”. **Enable** “DVR” and “360 Video”.



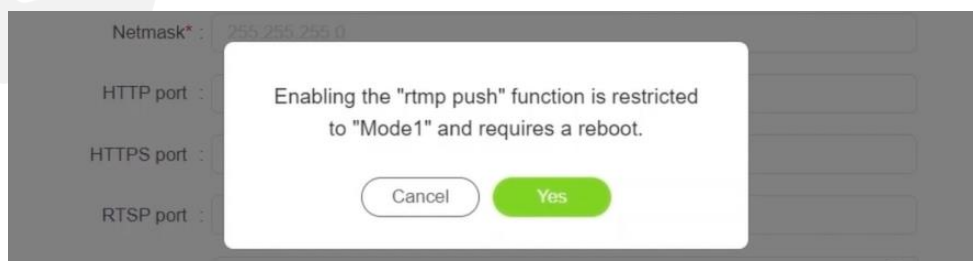
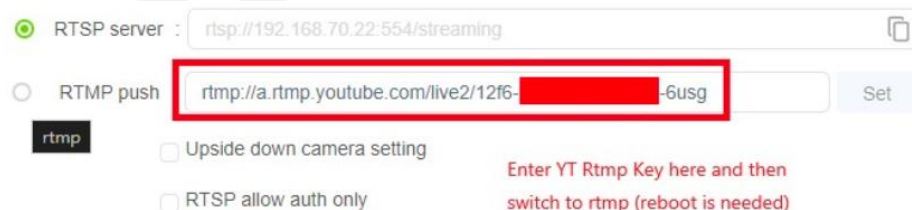
- Copy the YouTube **RTMP key** into the camera's setting page and make sure that the camera resolution is set to **3840x1920** and the bitrate to **8-10 Mbps**.



- ✓ Set **Resolution** and **bitrate** accordingly.

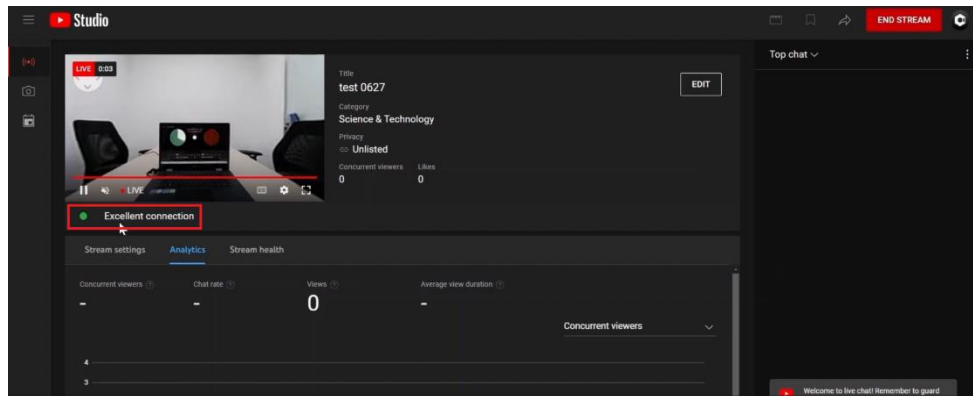


- ✓ Copy the YouTube **RTMP key** to camera



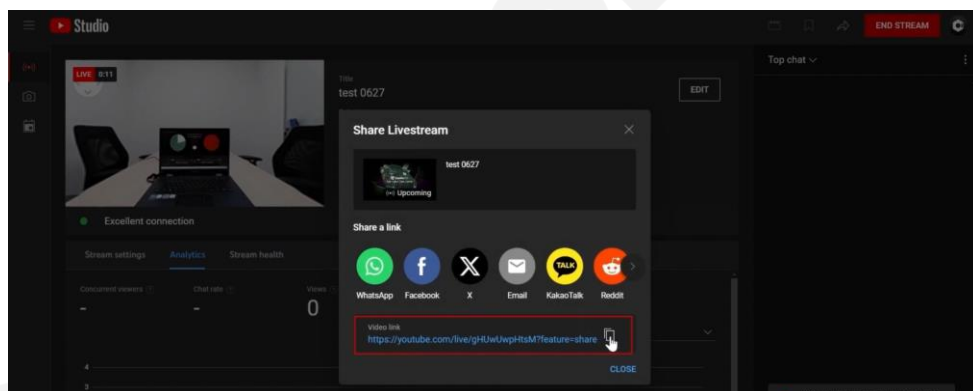
D. Start Streaming

- Reboot the camera to initiate streaming to YouTube automatically.
- Verify the data status and preview the stream before starting.
- **Note:** Streaming latency is approximately 30 seconds since YouTube does not support low latency for 4K streaming.



E. Share Your Live Stream

- Copy the YouTube video link and share it with your audience.
- Ensure the stream is viewed in 4K quality for the best experience.



3. Demo Video Link

- For a detailed walkthrough, refer to the demo video: [06_RTMP.mp4](#)