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# SVFIG Hangouts

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## Fn-Win-Space

I had to find this for my Surface 4 computer, which isn't that same as my Surface 2 Pro.

**Figure 1. Fn-Win-Space**

The screenshot shows a web browser window on a Windows 8 Surface Pro 3. The URL in the address bar is [superuser.com/questions/771979/surface-pro-3-print-screen](https://superuser.com/questions/771979/surface-pro-3-print-screen). The page content is a question about using the Fn key instead of the Windows key to prevent the start screen from appearing. The question has 8 answers. One answer, by user [user2831705](#), is highlighted. It has 5 upvotes and was answered on October 9, 2014, at 8:38. The user has 51 reputation points.

I would like to add you can also use the pen to take a screen capture because of OneNote. – [Ramhound](#) Sep 16 '14 at 10:47

add a comment

8 Answers

active    oldest    [View](#)

[upvote](#) using my type cover, Fn-Win-Space works for me. Starting with Fn instead of the Windows key prevents the start screen from appearing.  
5 [downvote](#) share improve this answer

answered Oct 9 '14 at 8:38  
 user2831705  
51 • 1 • 2

## Camera Setup

I use my Samsung Galaxy S5 Active mounted in Kickstarter version of the Beastgrip (<https://beastgrip.com/>). This allows me to add a zoom lens, which I haven't been able to afford yet, but also gives nice mounting holes for a tripod.

**Figure 2. Camera**

Using a tripod gets the camera angle up high enough to eliminate most of the parallax when displaying the projector screen, but it also eliminates the reflexion of the lights on the white board.

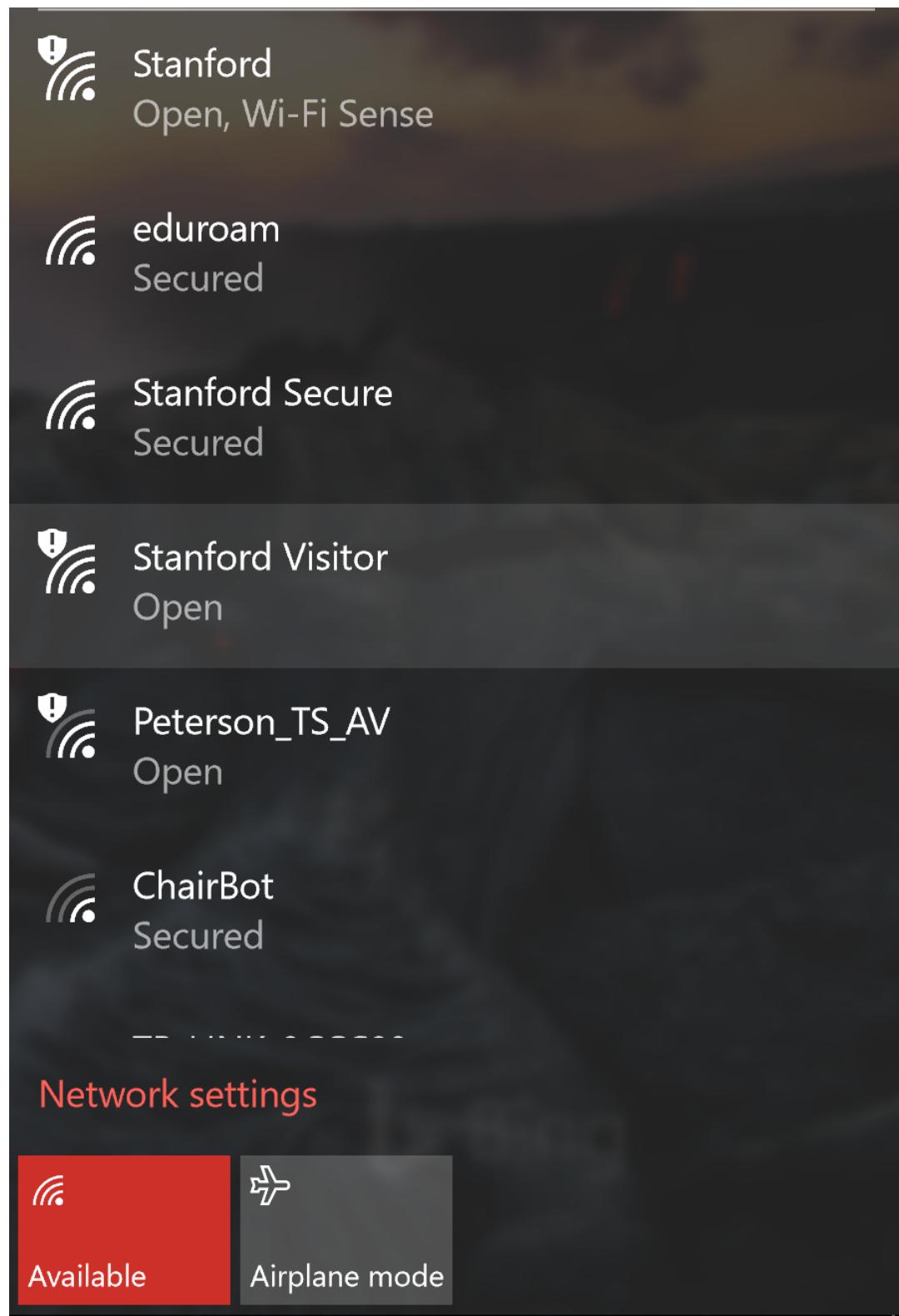
**Figure 3. Camera**



## Stanford Visitor

Choose the Stanford Visitor access point to avoid the 4 hour limit on the Stanford access point.

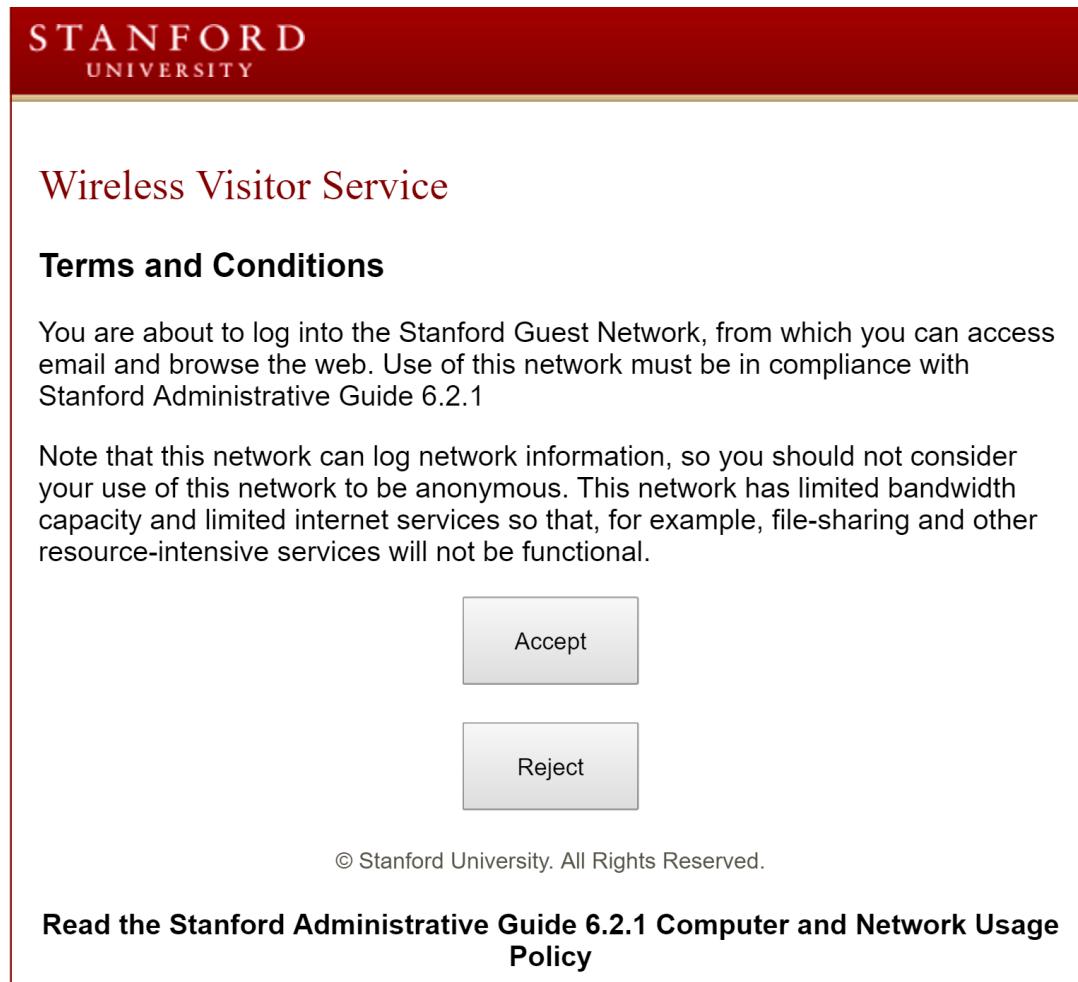
**Figure 4. Stanford Visitor**



## Wireless Visitor

Accept the Terms and Conditions.

**Figure 5. Wireless Visitor**



The image shows a web page from Stanford University titled "Wireless Visitor Service". At the top is the Stanford University logo. Below it, the page title is "Wireless Visitor Service". A section titled "Terms and Conditions" contains text about the Stanford Guest Network. It states that users can access email and browse the web but must comply with Stanford Administrative Guide 6.2.1. It also notes that the network logs network information and has limited bandwidth and internet services, so file-sharing and other resource-intensive services will not be functional. At the bottom are two buttons: "Accept" and "Reject". Below the buttons is a copyright notice: "© Stanford University. All Rights Reserved." and a link to the "Stanford Administrative Guide 6.2.1 Computer and Network Usage Policy".

STANFORD  
UNIVERSITY

## Wireless Visitor Service

### Terms and Conditions

You are about to log into the Stanford Guest Network, from which you can access email and browse the web. Use of this network must be in compliance with Stanford Administrative Guide 6.2.1

Note that this network can log network information, so you should not consider your use of this network to be anonymous. This network has limited bandwidth capacity and limited internet services so that, for example, file-sharing and other resource-intensive services will not be functional.

Accept

Reject

© Stanford University. All Rights Reserved.

**Read the Stanford Administrative Guide 6.2.1 Computer and Network Usage Policy**

## You're Connected

You should now be connected and you can close this window.

**Figure 6. You're Connected**

**You're connected!**

You have access to the Internet through the Stanford Visitor network.

### Restrictions

The Stanford Visitor network has the following restrictions:

- Maximum download speed: 5 Mbps
- No access to Stanford IP restricted resources (such as databases & journals)
- Limited network services

### Other networks

If you belong to one of the groups listed below, use the corresponding wireless network for that group (identified by its SSID in your wireless networks list).

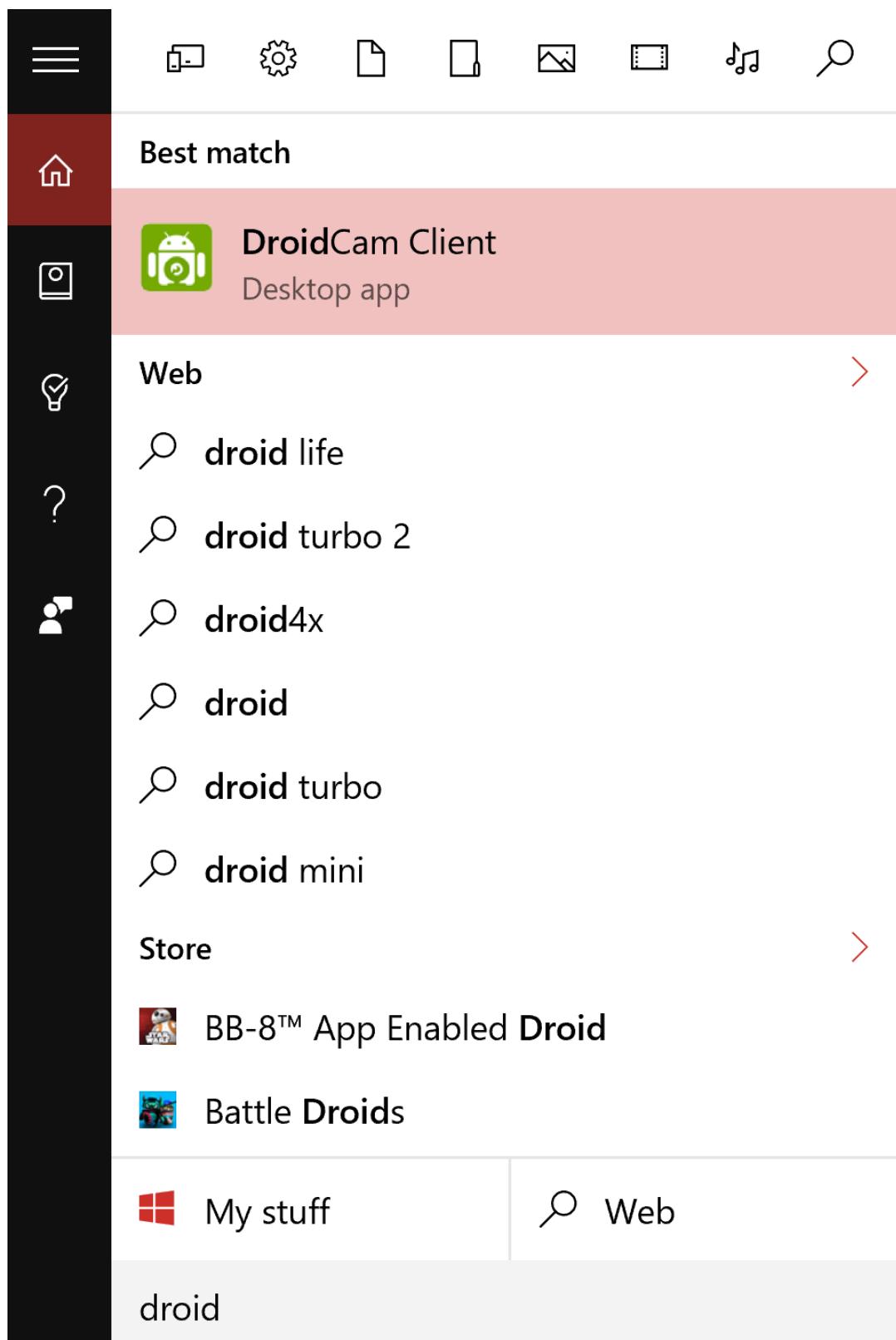
**Note:** To use another network, you may need to register with it.

| Group                              | SSID                |
|------------------------------------|---------------------|
| Stanford students                  | Stanford Residences |
| Stanford faculty/staff             | Stanford            |
| Visitors from Eduroam institutions | Eduroam             |

---

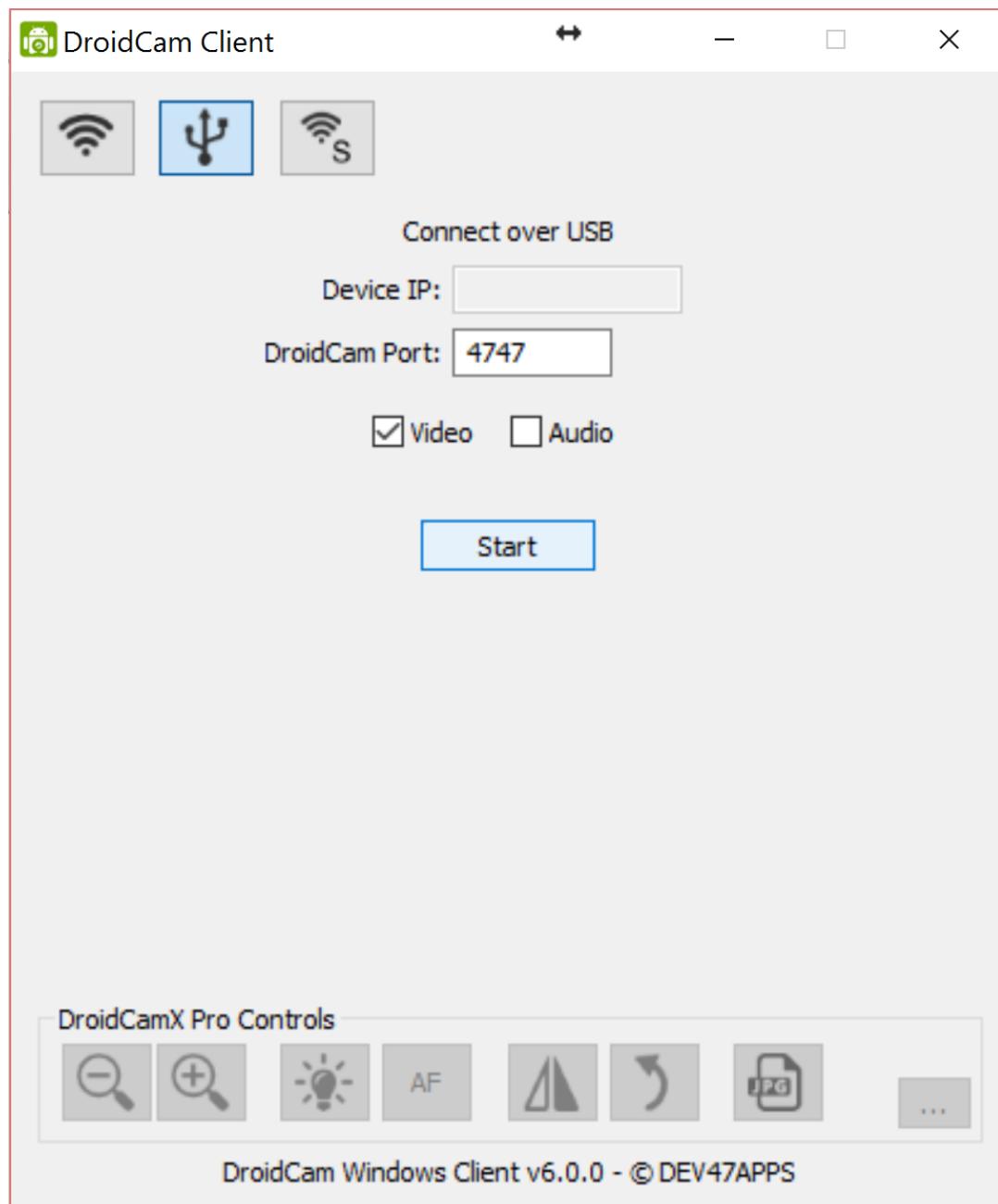
## DroidCam Client

Start up the Droid Cam Client that will communicate with my Android phone's camera.

**Figure 7. DroidCam Client**

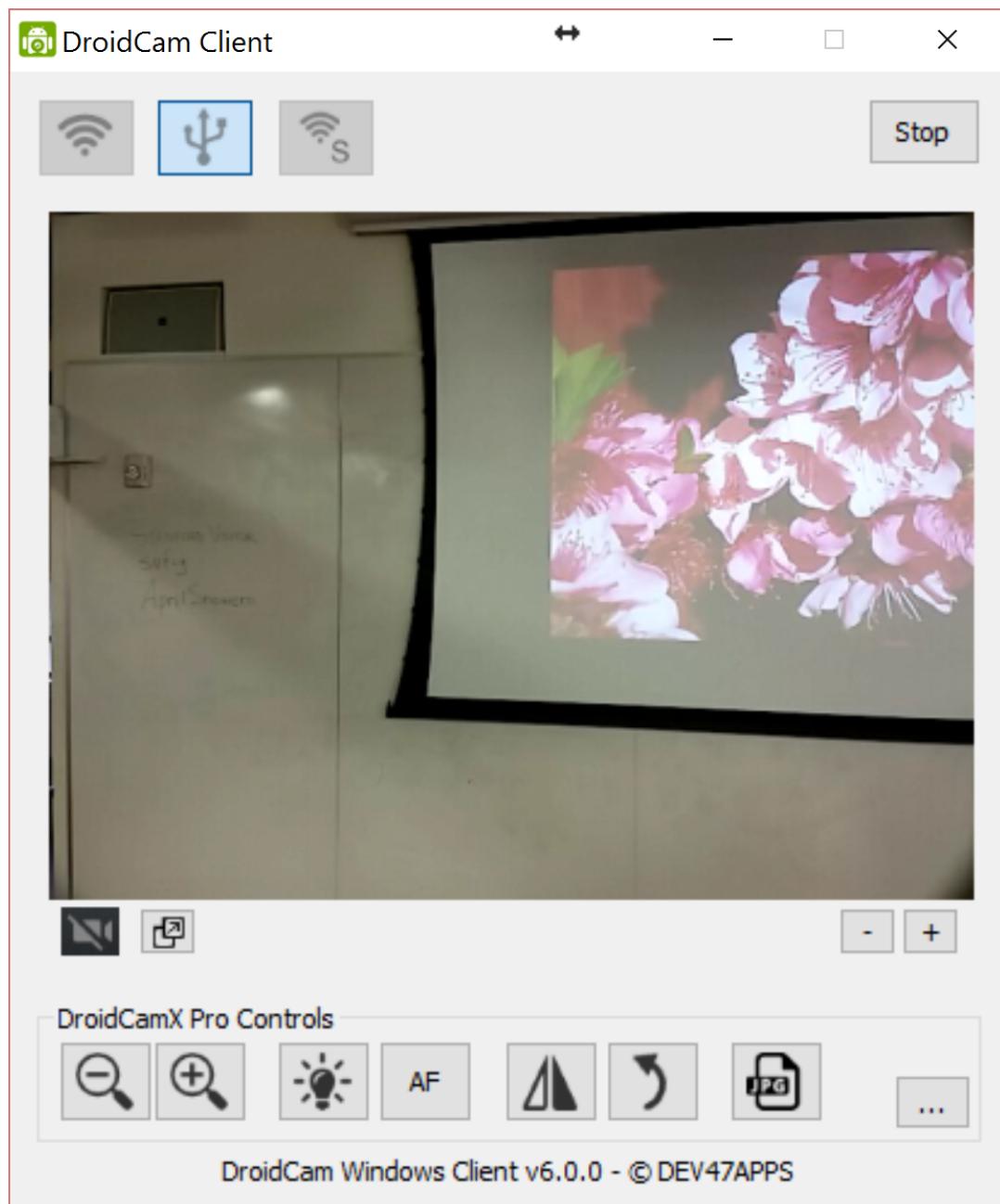
## DroidCam Client USB

Tell it to start up the wired USB connection, to avoid any additional wireless traffic.

**Figure 8. DroidCam Client USB**

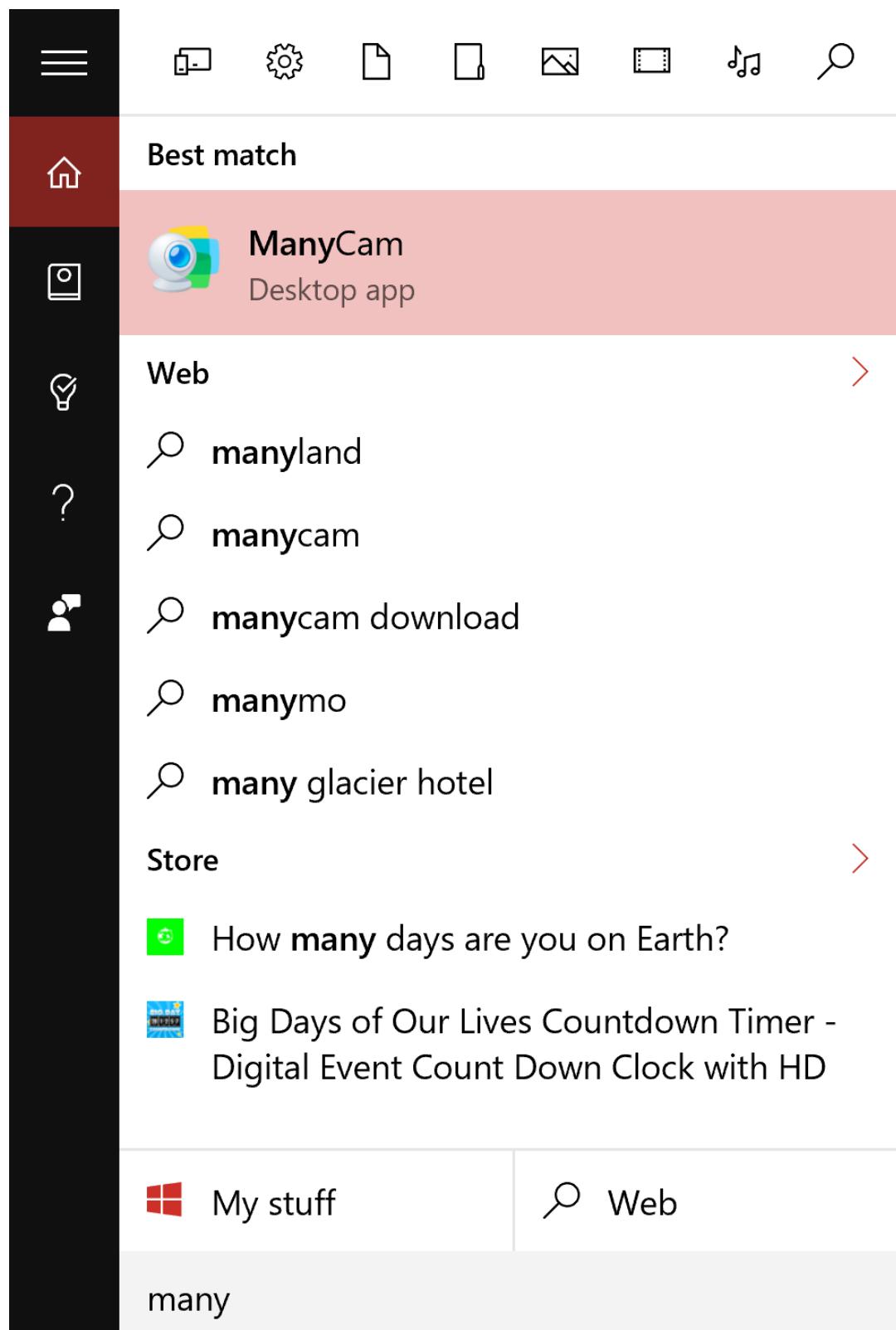
## DroidCamX Pro Controls

This gives you the 1st preview of the camera's viewing angle. Using the X Pro version give more resolution.

**Figure 9. DroidCamX Pro Controls**

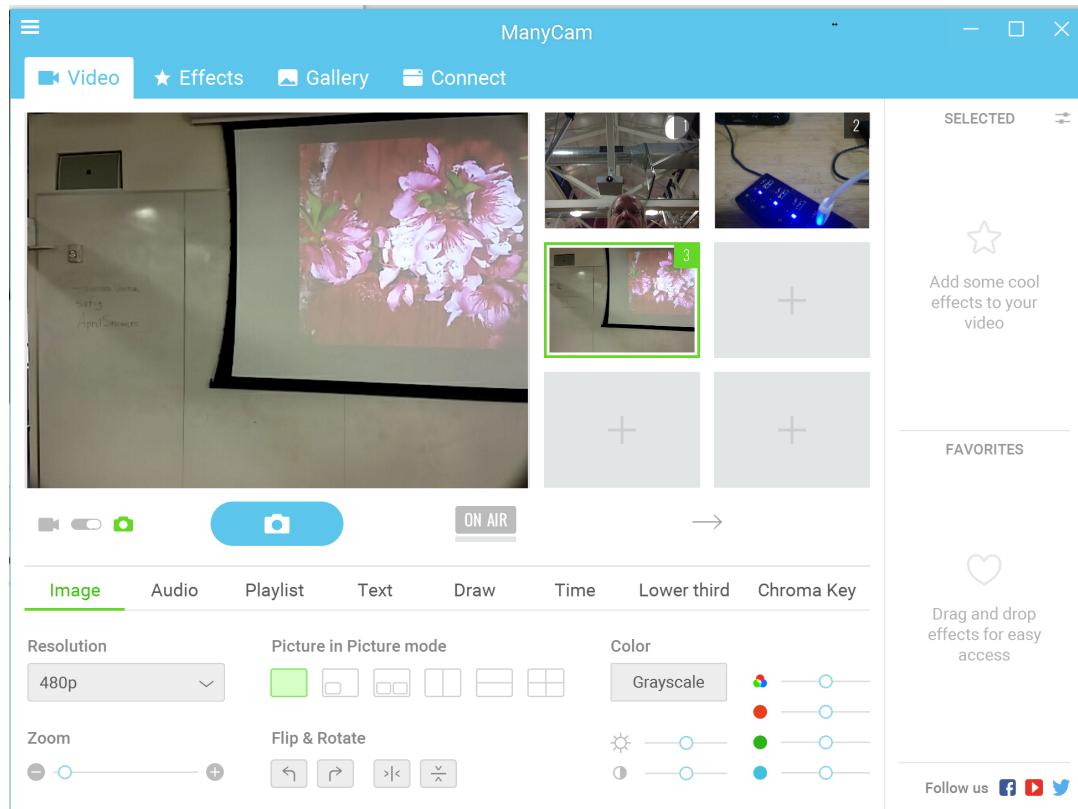
## ManyCam.png

Start up the Many Cam app that will communicate with Google Hangouts. Originally, the was required for compatibility with the Hangout, but it might be just an extra step, at this point. Still, the extra camera controll and effects might also be useful, some day.

**Figure 10. ManyCam.png**

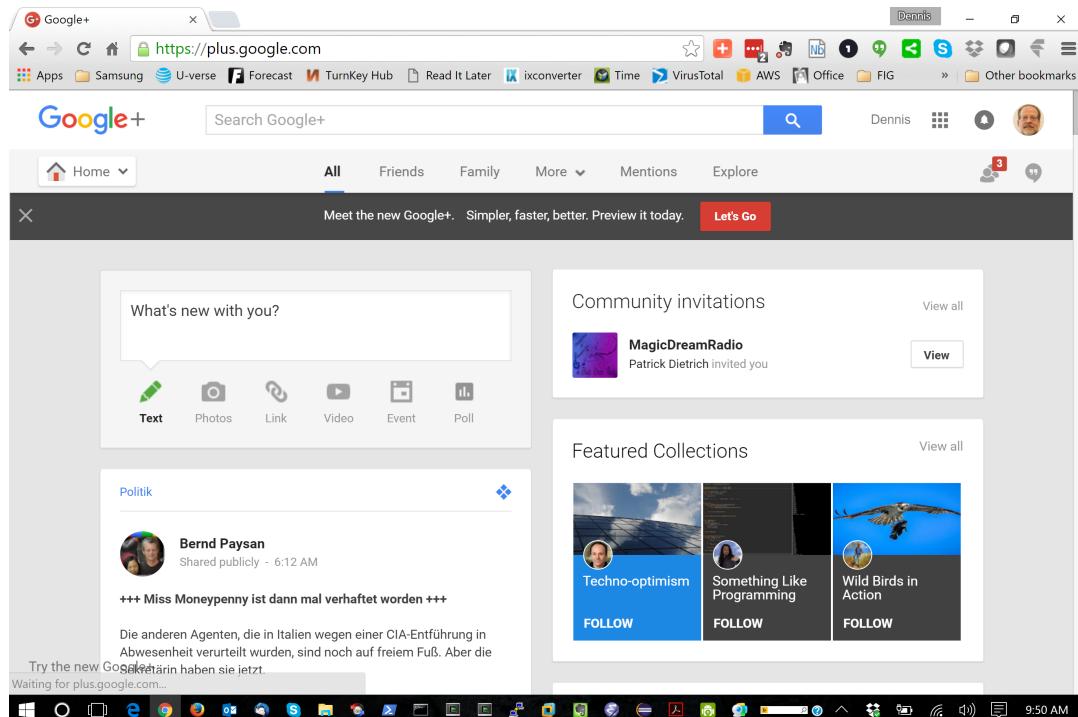
## ManyCam Controls

I have all of my cameras turned on, but "cut" over to the DroidCam, almost all of the time.

**Figure 11. ManyCam Controls**

## plus.google.com

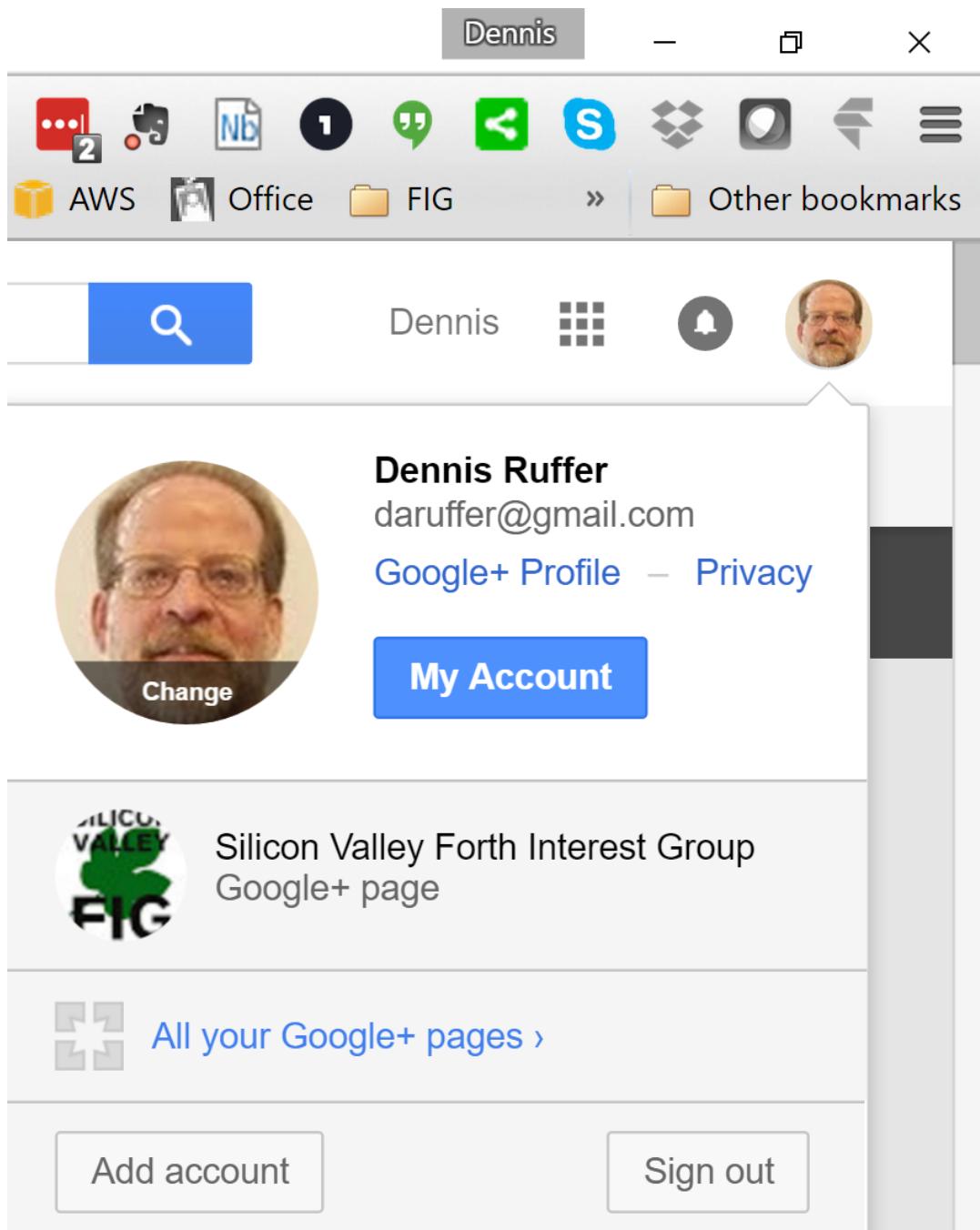
Open a web browser (I use Chrome) to Google plus.

**Figure 12. plus.google.com**

# Silicon Valley Forth Interest Group

Switch over to the SVFIG account, rather than my personal one, so the announcement comes out from that organization.

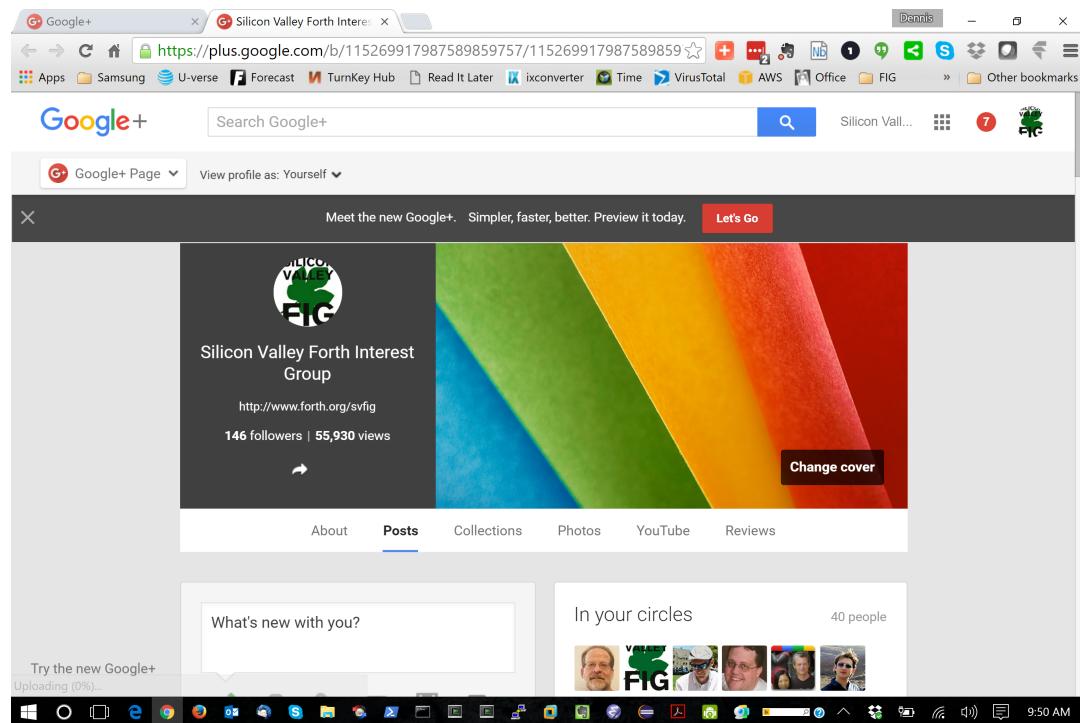
**Figure 13. Silicon Valley Forth Interest Group**



## SVFIG Google Plus

Pull down the Google+ Page tab.

**Figure 14. SVFIG Google Plus**



## Google Hangouts

And select Hangouts.



People



Collections



Communities



Events



Hangouts



All Pages



Settings

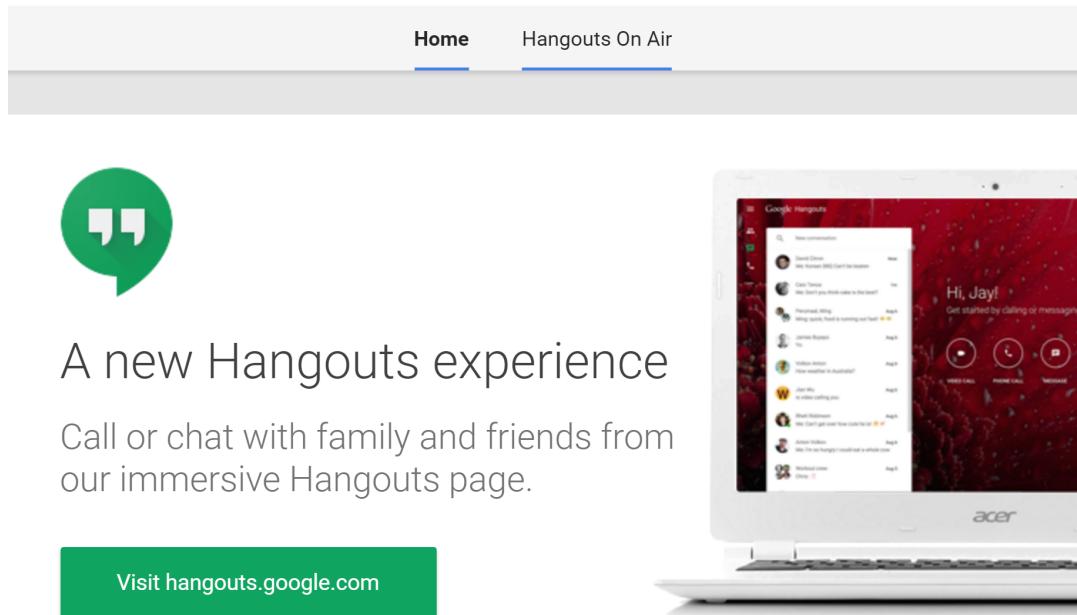
Feedback

Help · Region

## Hangouts On Air

Select the Hangouts On Air tab.

**Figure 16. Hangouts On Air**



## Hangouts On Air is moving

Noticed this little wrinkle and 1st impressions are not good. So far, the biggest missing piece is guest speaker access, but we will figure this out and I will document it as best that I can.

**Figure 17. Hangouts On Air is moving**

### Hangouts On Air is moving to YouTube Live

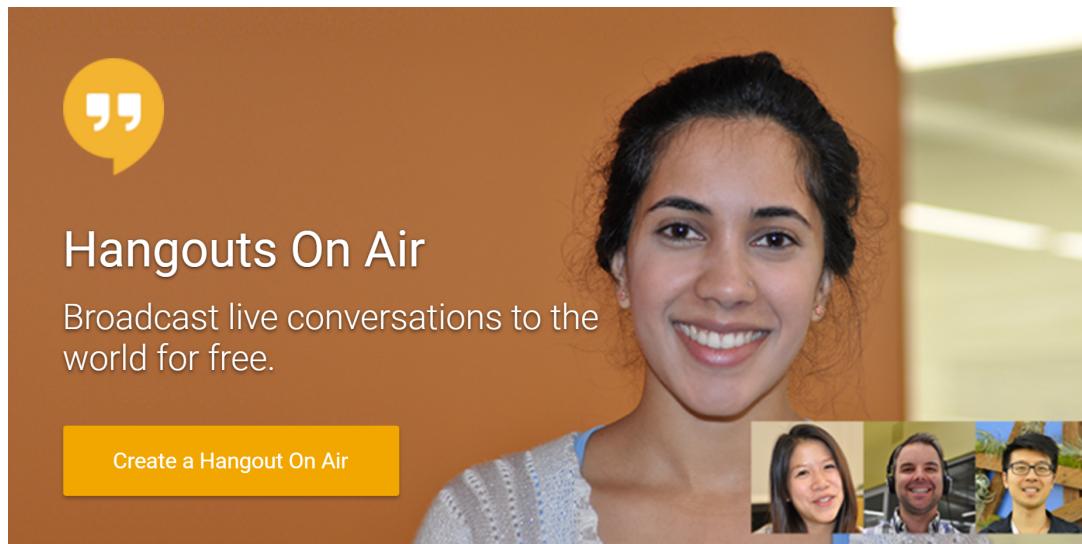
Hangouts On Air will no longer be available on Google+ starting September 12th, 2016. See [Help Center](#) for more details on how to prepare.

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## Create a Hangout On Air

Hit the Create a Hangout On Air button.

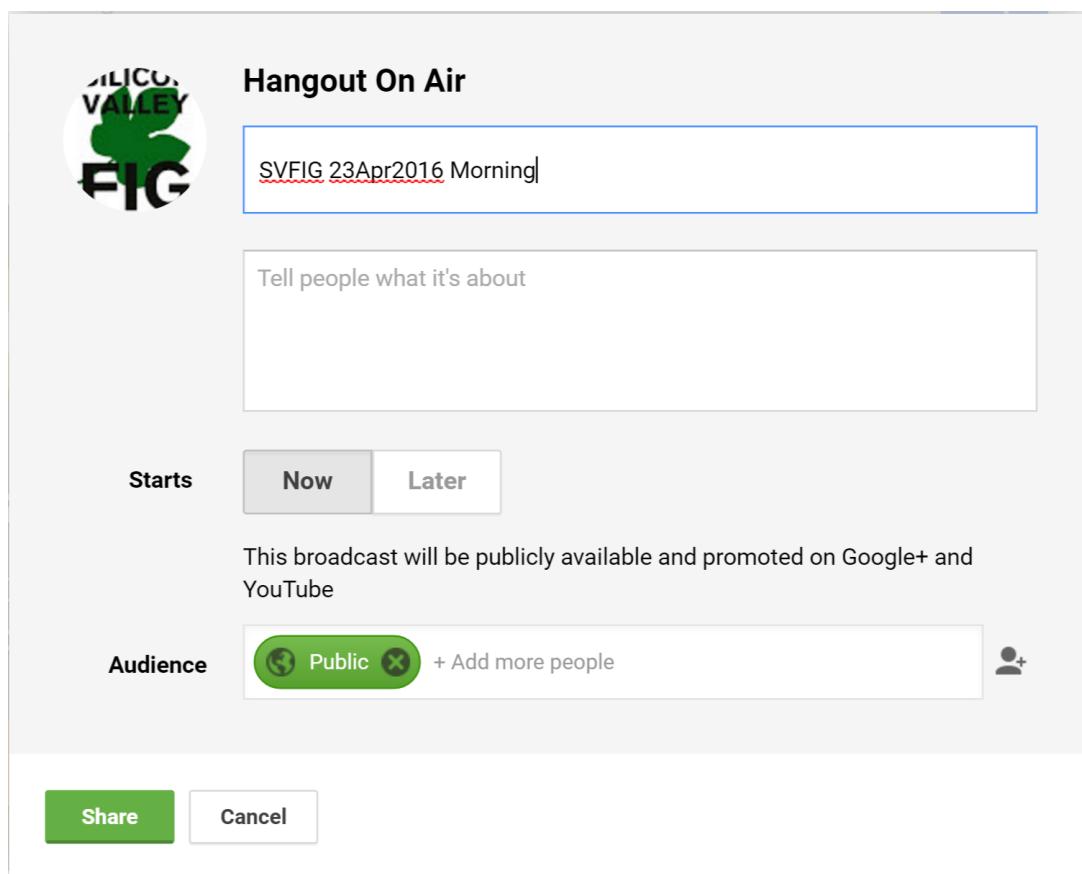
**Figure 18. Create a Hangout On Air**



## SVFIG 23Apr2016 Morning

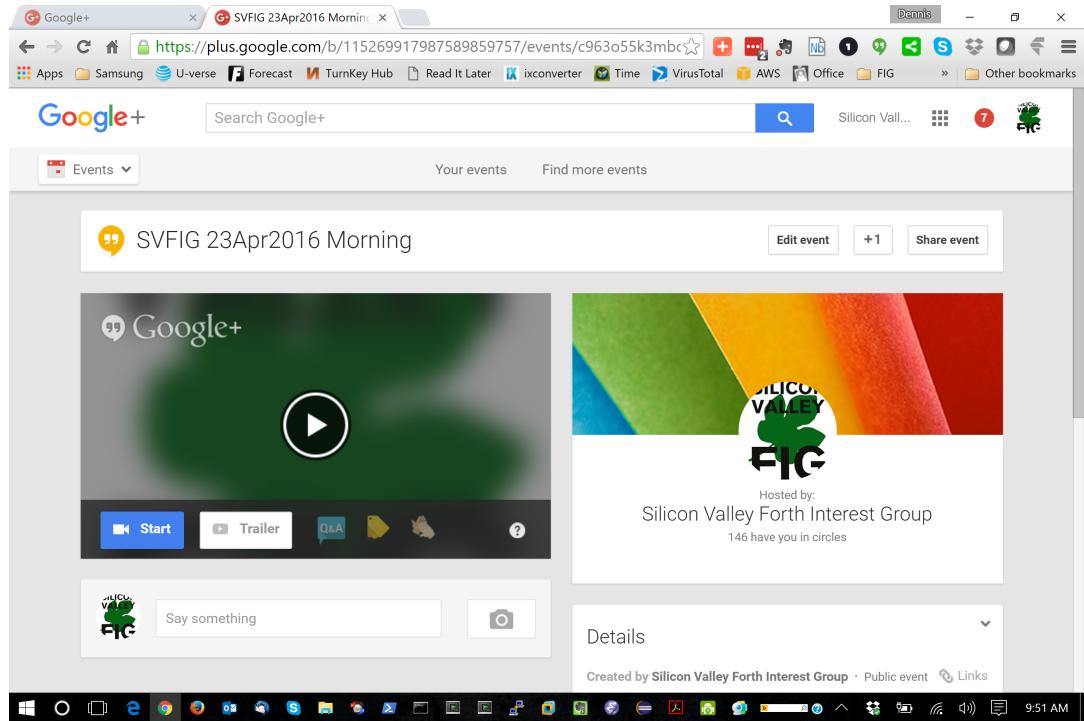
Give the hangout an appropriate name, so people can find it on YouTube.

**Figure 19. SVFIG 23Apr2016 Morning**



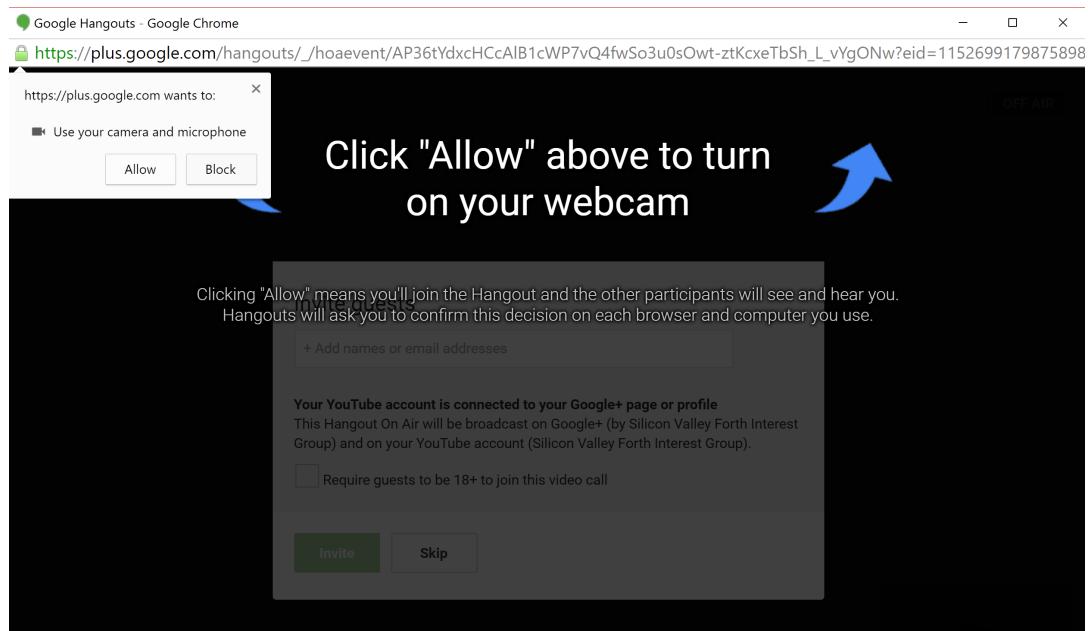
## SVFIG 23Apr2016 Start

The online announcement for the even is now created. Press the Start button.

**Figure 20. SVFIG 23Apr2016 Start**

## Allow Webcam

If this is the 1st time on this machine, Windows may ask for permission to turn on the webcam.

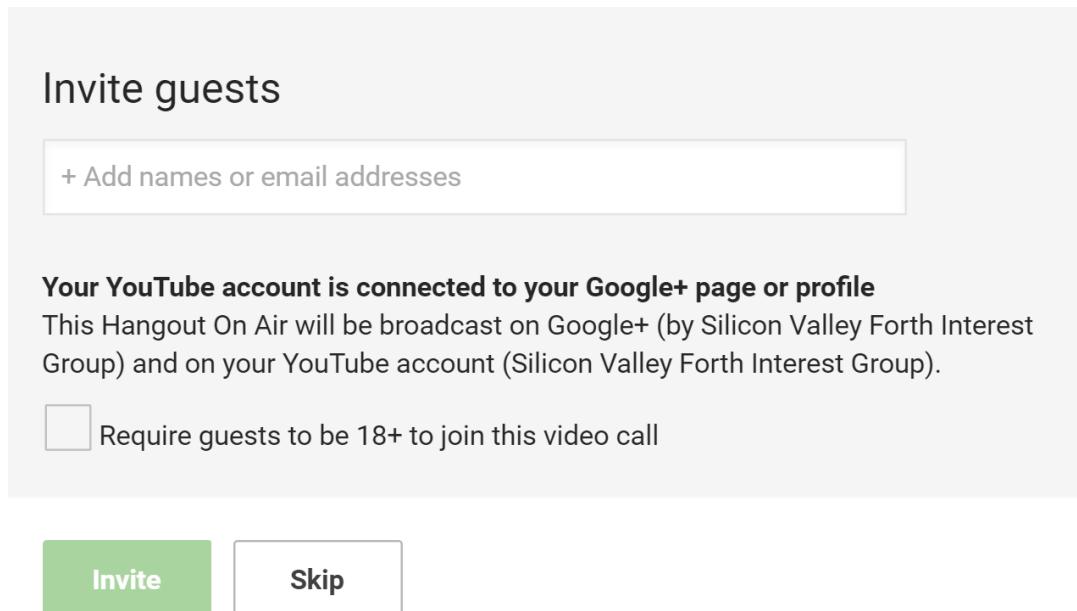
**Figure 21. Allow Webcam**

## Invite Guests

You can invite guests now, or add them later. We typically, only do this for remote speakers. In fact, As we are discovering now, I don't recommend doing it here at all. **TODO** Add screen capture of inviting

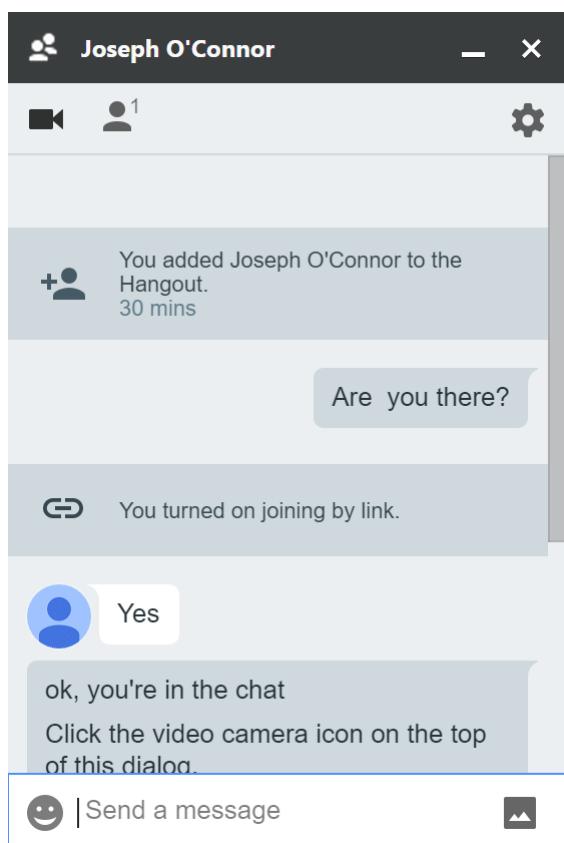
guests on the Broadcast screen, where you can grab the URL link (e.g. <https://hangouts.google.com/call/6zjotf4g45erxdxwfhk6hglqwqe>) as text and email it directly to the guest.

**Figure 22. Invite Guests**



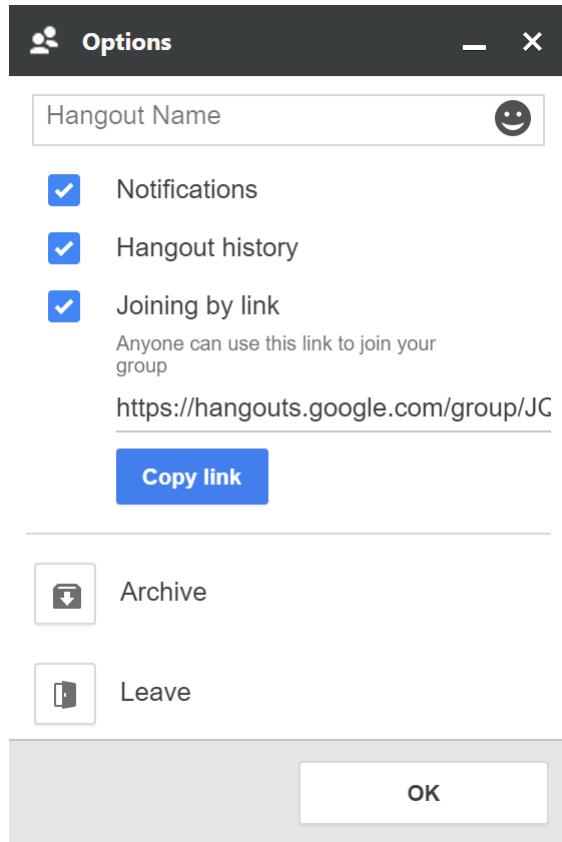
I finally managed to capture the dialog (from the Host side) where I can wait to chat with the speaker and tell them how to join.

**Figure 23. Hangout Chat**



From the settings icon in the upper right, I can turn on "Joining by link" and send the link by email.

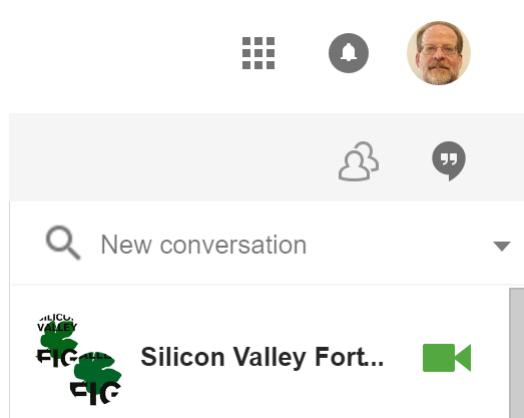
**Figure 24. Hangout Settings**



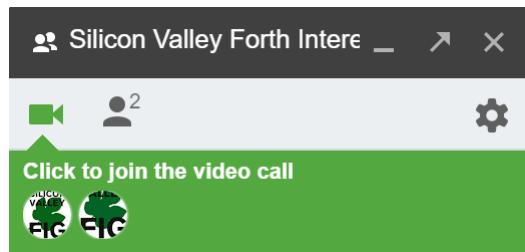
## Guest Speaker side

When you are on the plus.google.com page, you will see a notice in the upper right of the page indicating that there is a new conversation. I was finally able to capture this by using a 2nd computer and inviting myself to join.

**Figure 25. New conversation**

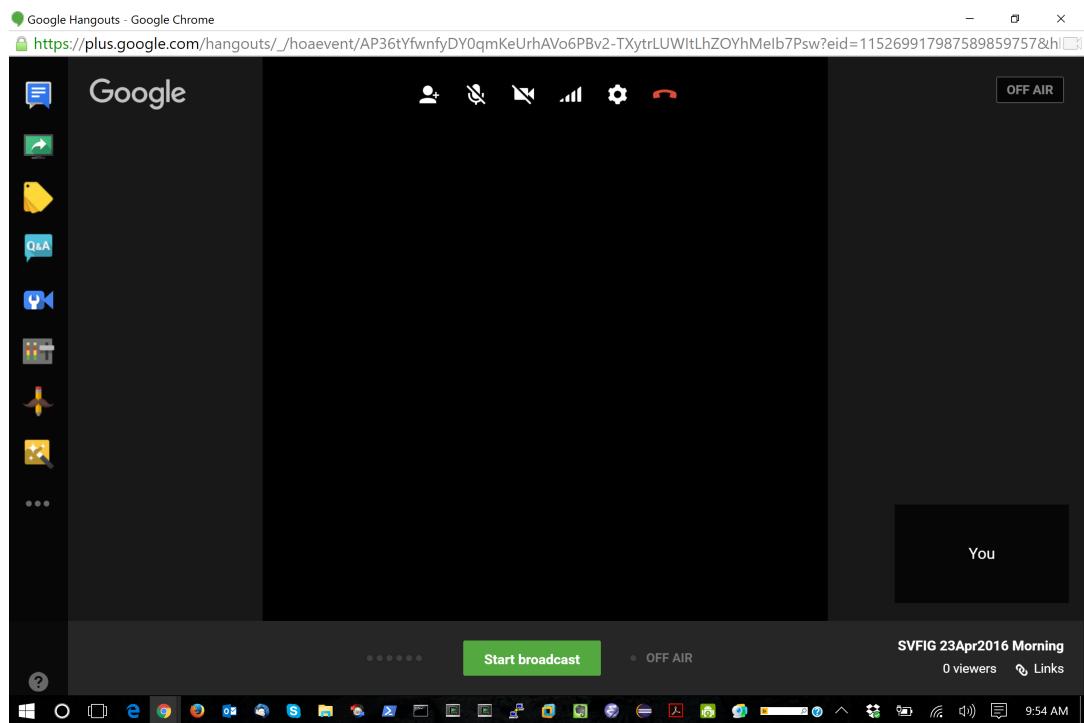


Clicking on that message will open up another dialog where to can click the video icon to join the Hangout.

**Figure 26. Click to join**

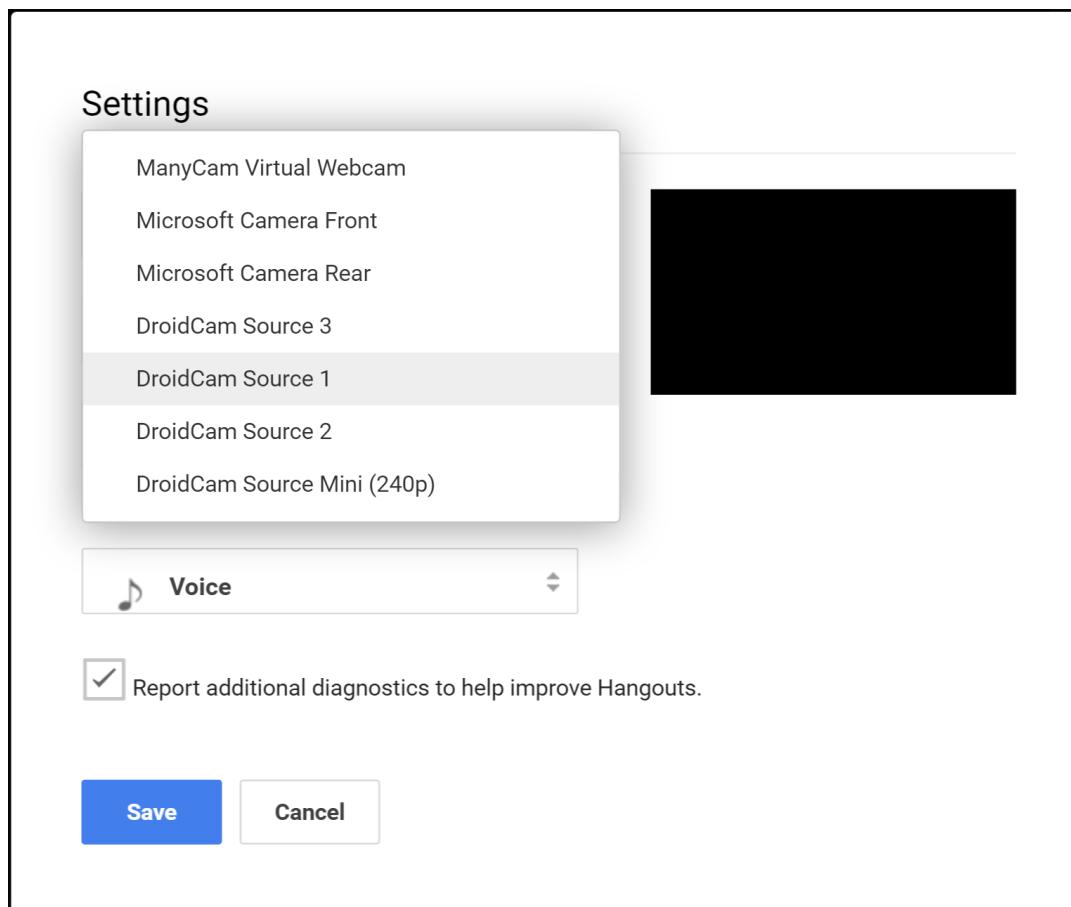
## Start Broadcast

If you are early, you can just wait here until it gets close to the time for the hangout to start. However, be aware that it takes a little bit of time to actually get the broadcast started, so don't cut it too short.

**Figure 27. Start Broadcast**

## Camera Settings

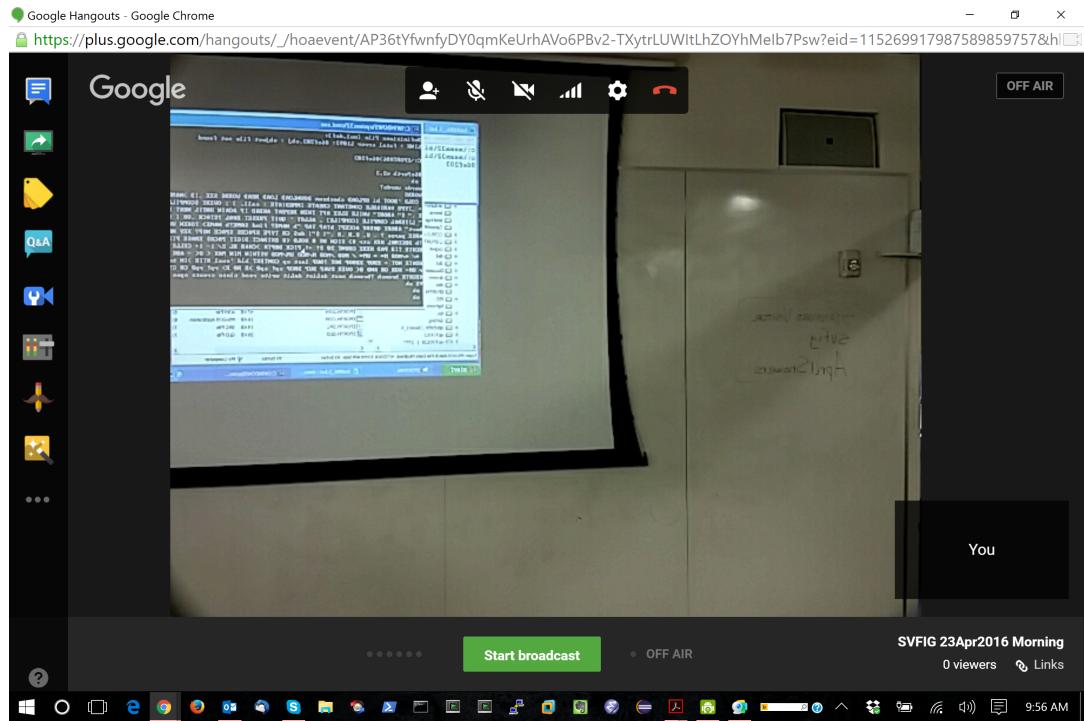
I have to admit, that I chose wrong here, but fixed it later. You should select the ManyCam Virtual Webcam, instead of the DroidCam Source 1 that is highlighted.

**Figure 28. Camera Settings**

## Camera Angle

Now you can adjust the camera angle. Typically, our focus is on the screen, but sometimes, we do pan around. Note that, yes, the on-screen image is reversed. However, it is correct within the YouTube feed, so don't panic.

**Figure 29. Camera Angle**



## YouTube Page

Down at the bottom right, select the Links button.

**Figure 30. YouTube Page**

|                     |   |
|---------------------|---|
| <b>Event Page</b>   | <a href="https://plus.google.com/events/ch8167574c">https://plus.google.com/events/ch8167574c</a> |
| <b>YouTube Page</b> | <a href="http://youtu.be/s9cnnPiQtn8">http://youtu.be/s9cnnPiQtn8</a>                             |
| <b>Video Embed</b>  | <iframe width="420" height="315" src="http://   |

## YouTube Page Selected

Copy the YouTube Page for the email announcement.

**Figure 31. YouTube Page Selected**

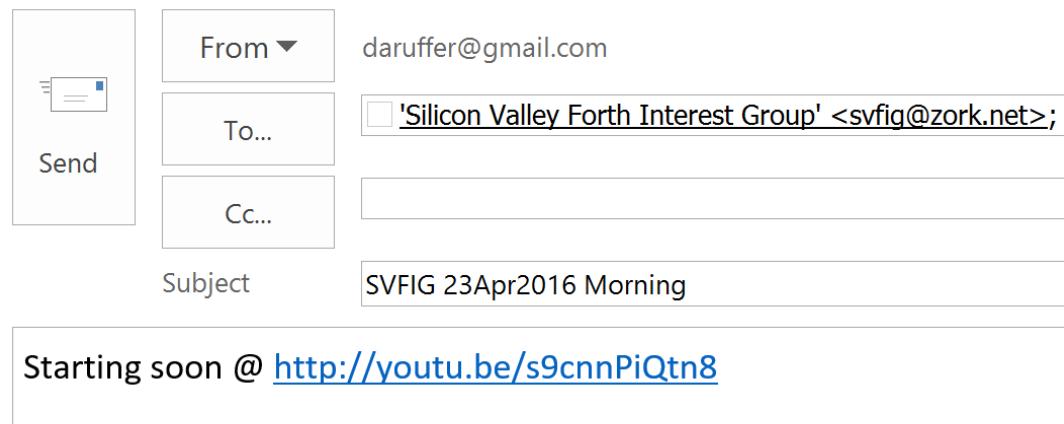
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## SVFIG Email

Send email with the pertinent information to the mailing list.

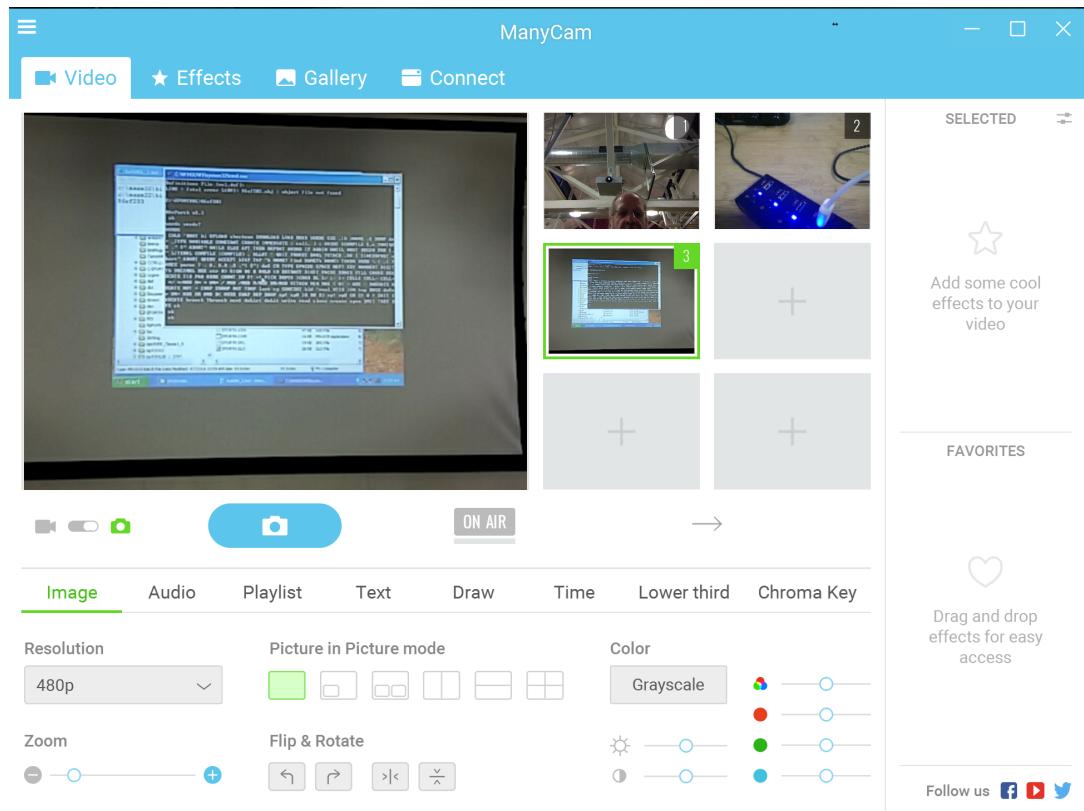
**Figure 32. SVFIG Email**



DaR

## ManyCam Zoom

Both DroidCam and ManyCam can control zoom, but I use ManyCam for this.

**Figure 33. ManyCam Zoom**

## ManyCam 1080p

The last setting is merely to get the broadcast up to scale.

**Figure 34. ManyCam 1080p**