

# USING A CELL PHONE TO PROVIDE A VIRTUAL VIDEO CAMERA FOR A "macOS" COMPUTER

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presentation:

<http://aztcs.apcug.org>

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# SUMMARY

You can use an app in a Android cell phone or an iPhone

and

an the same-named app a macOS.. computer so that the camera in the cell phone acts like a real camera for the computer.

The cell phone and the computer can be connected either via a USB cable or through a Wi-Fi router.

# TOPICS

- Two Possible Configurations To Use "Iriun": USB or Wi-Fi
- Features and Warnings
- Installation and Use of "Iriun"

# USING A CELL PHONE CAMERA FOR A macOS COMPUTER

- "Droidcam" for macOS is no longer available. (It used to be the best app for a macOS computer.)
- "Epoccam" was acquired by Elgato and the macOS app is now a driver that is "always running" in a Mac (bad)
- "Iriun" is free and works for MacOS

# USE THE "CAMO" APP IF..

- If you have a Mac and an iPhone, the best free software option is "Camo" as described as
- <https://www.cnbc.com/guide/using-iphone-as-webcam-for-mac-video-conferencing/#how-to-use-your-iphone-as-a-webcam-on-your-mac>

# USE THE "CAMO" APP IF.. (continued)

- <https://www.wired.com/story/use-your-phone-as-webcam/#4>
- The "Camo" only works for iPhones or iPads connecting to Macs. It does not work for Android phones or Windows.. computers.

## USE THE "irium" APP, IF..

- If you have a Mac and an Android cell phone or both an Android cell phone and an iPhone, the best app to use is "irium" but beware if it's non-fatal annoyances:



# USE THE "irium" APP, IF.. (continued)

- Annoyance 1:  
cell phone has to be placed  
horizontally

# USE THE "irium" APP, IF.. (continued)

- Annoyance 2:

If the cell phone and the computer are both wirelessly connected to the same Wi-Fi router, the Wi-Fi connection will be used and you cannot select a USB connection, if the cell phone is connected to the computer via a USB cable

# USE THE "irium" APP, IF.. (continued)

- Annoyance 2 (continued):  
If the cell phone and the computer are not wirelessly connected to the same Wi-Fi router and the cell phone and computer are connected via a USB cable, the "irium" system will use the USB connection but it will erroneously claim that there is a Wi-Fi connection

# USE THE "irium" APP, IF.. (continued)

- Annoyance 3:

Not available in the App Store in a Mac if you search for "iriun" in the App Store. You have to find the Mac link in the iriun.com Web site and download  
IriunWebcam-2.5.pkg  
from there

# USE THE "irium" APP, IF.. (continued)

- Annoyance 4:  
A misspelling of "iriuM.com"  
results in a British company that  
has nothing to do with "iriuN.com"

# TWO POSSIBLE CONFIGURATIONS

- Configuration 1:  
Connect the cell phone to the computer using a USB cable
- Configuration 2:  
Connect the cell phone to the computer using an existing Wi-Fi router or access point

# TWO POSSIBLE CONFIGURATIONS

(continued)

- Configuration 1:  
Connect the cell phone to the computer using a USB cable:

# Computer



Iriun  
(macOS app)

Virtual  
camera  
"seen" by the  
operating  
system of the  
computer

# iPhone or Android cell phone

Iriun (iOS  
or Android  
app)



Cable to  
connect  
cell  
phone to  
USB A or  
USB C of  
the  
computer



# TWO POSSIBLE CONFIGURATIONS

(continued)

- Configuration 2:  
Connect the cell phone to the computer using using an existing Wi-Fi router or access point

Existing Wi-Fi Router or  
Wi-Fi Extender

Computer

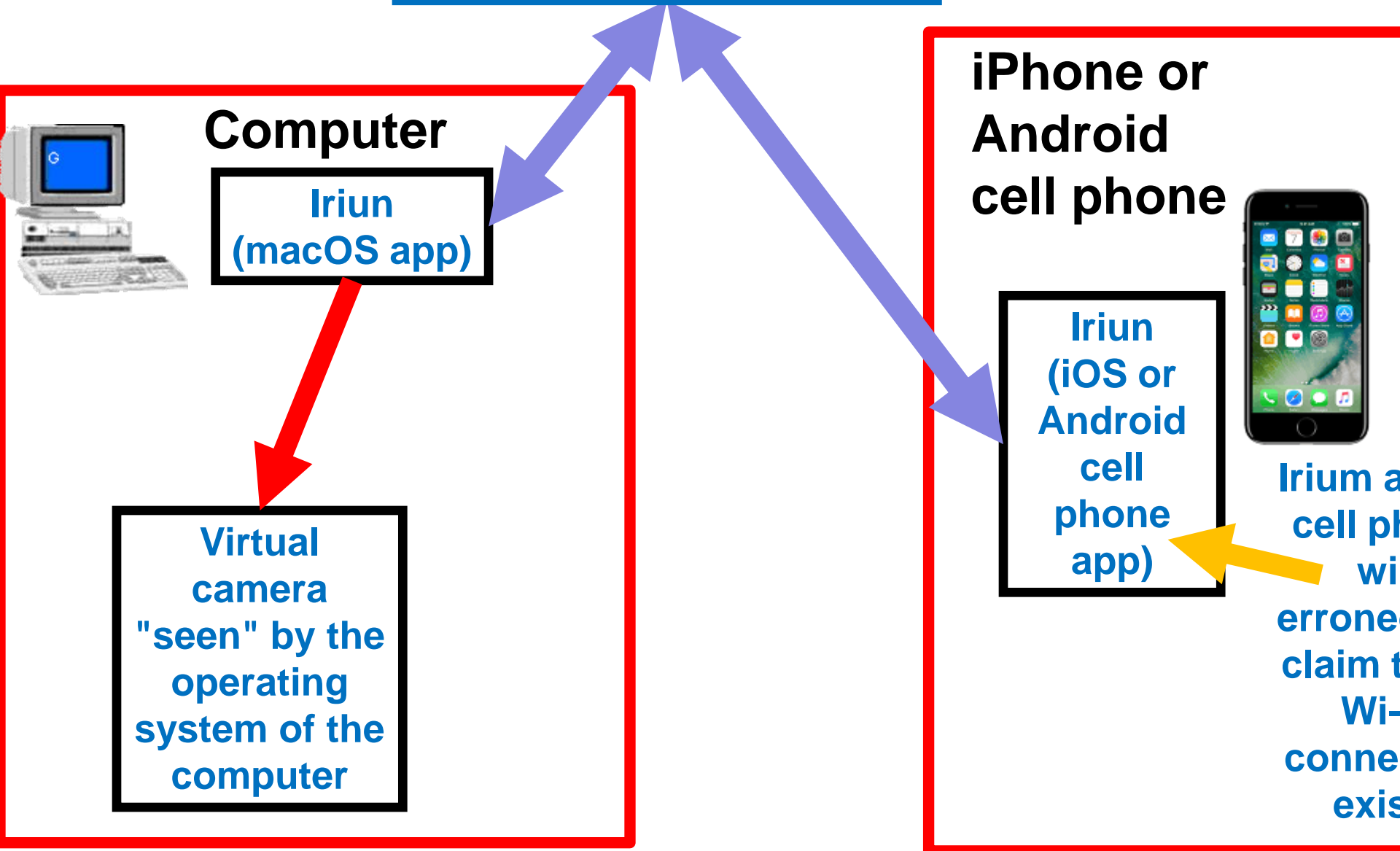
Iriun  
(macOS app)

Virtual  
camera  
"seen" by the  
operating  
system of the  
computer

iPhone or  
Android  
cell phone

Iriun  
(iOS or  
Android  
cell  
phone  
app)

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# "irium" APP INSTALLATION

- **BIG STEP 100:**  
In your cell phone, go to the Google "Play Store" or the Apple "App Store" and install the "irium webcam" or "irium 4K webcam" app

# "iriun" APP INSTALLATION

- **BIG STEP 200:**

In your macOS computer, use a Web browser such as Safari to go to

[iriun.com](http://iriun.com)

Then click on the

"Webcam for Mac" button to

download and install the


IriunWebcam-2.5.pkg

file

Apple Safari File Edit View History Bookmarks Window Help

iriun.com

IRIUN



# Webcam

Use your phone's camera as a wireless webcam in your PC or Mac.  
Install *Webcam for Windows, Mac or Linux*, download Iriun Webcam app to your mobile phone and start using the phone with your favourite video applications.

**Webcam for Windows**  
v2.6.3

**Webcam for Mac**  
OSX 10.13 or later required

**Webcam for Ubuntu**  
18.04 or later required

GET IT ON  
Google Play

Download on the  
App Store



IRIUN

# Webcam

Use your phone's camera as a wireless webcam in your PC or Mac. Install *Webcam for Windows, Mac or Linux*, download Iriun Webcam app to your mobile phone and start using the phone with your favourite video applications.

**Webcam for Windows**  
v2.6.3



**Webcam for Mac**  
*OSX 10.13 or later required*

**Webcam for Ubuntu**  
*18.04 or later required*



# "irium" APP INSTALLATION (continued)

- **BIG STEP 300:**  
In your macOS computer, use "iriun Webcam" for the "Zoom Meeting Client" or other apps that require a Webcam  
(Note: "iriun Webcam" does not work for the bundled "Photo Booth" app )