Setting up Wireless Camera 4

Recently livestreaming team members donated an old iPhone SE and an old Apple TV Gen 2 to the church for use with our livestreaming system. The iPhone was fitted with an old Otter protective case, the operating system was updated to iOS 15.7.9 and its battery was fully charged. We made an Apple account, downloaded and installed the Shoot Pro Webcam and Telestrator app. This app provides a clean video output at 1080p60. It is now ready for use as a wireless livestreaming camera. To familiarize yourself with its operation, you should read over the Shoot User Manual, especially the Camera basics section before you use the app. It's fairly simple.

Before the Service

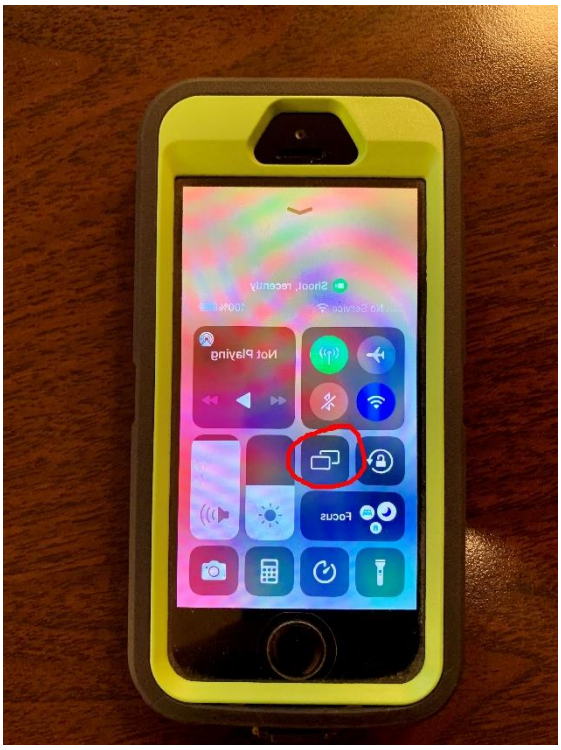
Here are the steps to set up the iPhone SE as a wireless camera for use with the church livestreaming system:

1. Turn on the Apple TV by pressing the large silver button on its silver remote. A small white light will show on the rear of the Apple TV when it is ON. (This is on the side opposite all of the cables).

2. Press the bottom center Home button of the iPhone SE. This will bring up the passcode screen.

3. Enter the passcode (**198444**). This will open the home screen of the iPhone SE, below:

4. Swipe up from the bottom edge to display a menu of camera options.
5. Select the overlapping rectangles icon to enable Screen Mirroring.



6. Select the Apple TV as the target of screen mirroring. A check mark should appear by the Apple TV once the screen-mirroring connection is made.

7. Press the Shoot app icon in the upper LH corner of the iPhone SE home screen. This will launch the Shoot app. The app has already been setup to deliver 1080p60 video.

8. If it is not already displayed, select the rear-facing camera of the iPhone SE. This is camera 2 on the Shoot app LH menu screen (below). The camera 2 square will turn solid yellow when the rear-facing camera has been selected.

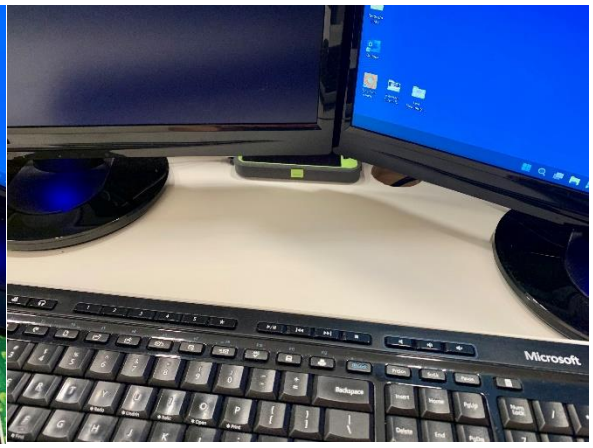
9. Install the iPhone SE on the tripod at the right front of the sanctuary nave near the TS-1 thermostat. The iPhone holder on the tripod is spring-loaded. Just pull up the top of the holder, slide the iPhone SE in (***Landscape orientation, please!***) and let the top down over the top of the iPhone SE securing it in the holder.

10. Make any tripod adjustments (pan/tilt) to obtain the desired view. You can zoom, too, by using the Shoot app menu or pinching the iPhone screen. The view should show up on the preview screen when you press the Camera 4 button on the ATEM Mini video switch.

After the Service

1. When the service is over, retrieve the iPhone SE from the tripod.
2. Tap the bottom center Home button **twice** to display tiles of all the running apps.
3. Swipe up on each app to close each one of them.
4. Turn off the screen by pressing the screen button on the top of the iPhone SE bezel (below).

5. Plug the iPhone SE into the LIVESTREAMER2 computer using the white USB to Lightning charging cable which has been plugged into the back of LIVESTREAMER2. This will keep the iPhone SE charged until we use it again the next time.



"Hide" the iPhone SE behind the monitors
Security by obscurity. It's worth about $40.

Troubleshooting

- If screen-mirroring doesn't work, i.e., you don't get a check mark, check the iPhone Wi-Fi setting to make sure that the iPhone SE is connected to the CPFUMC-3 Wi-Fi network.
- If you get a partial screen display on the Preview monitor, stop and restart the screen mirroring between the iPhone SE and the Apple TV.

Revised 19Sep23

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