



# iPhone Photography


*Dataw Island Photography Club*

*December 2018*



# Purpose

- Show how to get the most out of taking pictures with an iPhone



“The best  
camera is the  
one that’s with  
you”

however ...

- As with all pictures, the photographer matters
- So learning to use your (iPhone) camera is critical
- And use it quickly

# Agenda

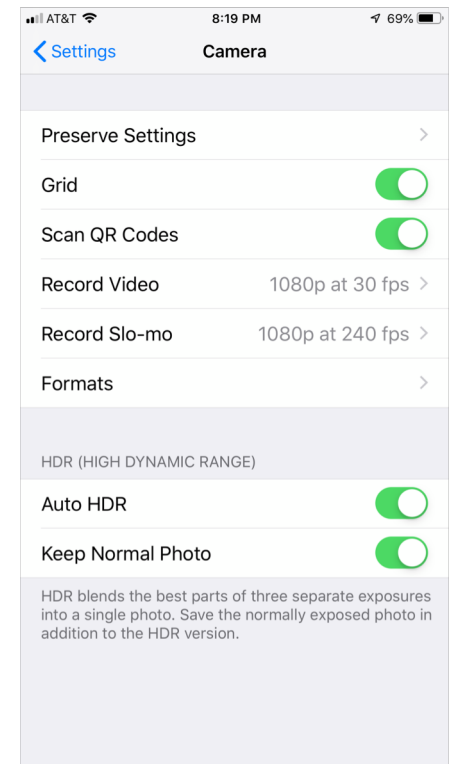
1. Overview
  - Of camera settings & labeled controls
2. Demonstrate
  - how to use controls
  - including useful 'hidden' controls

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3. iOS photo software
4. iOS photo hardware
  - to illustrate the range of what's available

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5. References
  - if you want to know more

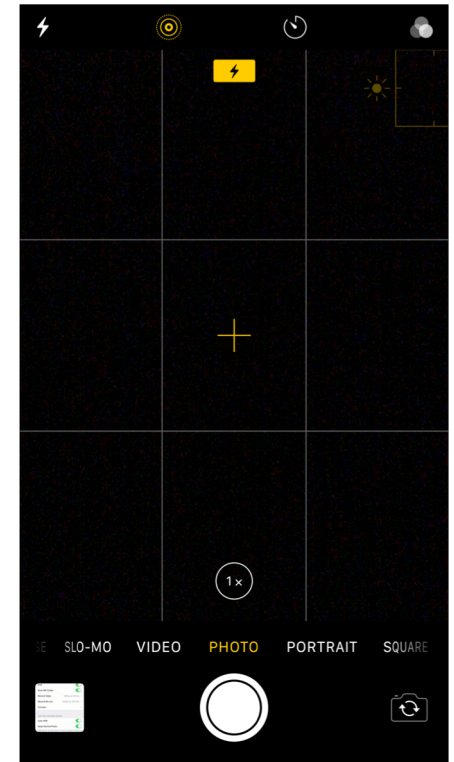
# Overview

- Settings -> Camera
  - Be aware of these
  - Suggest you just set & forget



# Overview

- iPhone 8 Plus – today's demonstration unit
- Labeled controls
  - Top: flash, 'live view', timer, lighting/filters
  - Bottom: magnification, modes, camera roll, shutter, front/back camera





# Demonstration

- Tips for getting the most out of the iPhone's camera
- Useful, but mostly unlabeled controls

Credit to Emil Pakarklis & his [iphonephotographyschool.com](http://iphonephotographyschool.com) for these tips



# 1. Quick launch

## How

- Wake, swipe, shoot
- No need to unlock the phone

## Why

- You never know when a great photo opportunity might present itself
- And the moment might be fleeting





## 2. Set focus

### How

- Tap on desired focus point

### Why

- Mixed foreground & background objects can be a challenge
- Pick what you want to have in focus
- Can't fix focus in post processing



## 3. Use volume controls

### How

- Press volume control to take picture
- Doesn't matter which (up or down)

### Why

- Shooting landscapes, it's a more comfortable hand position
- Easier to keep camera steady



## 4. Burst

### How

- Press & hold shutter button (or volume control)
- You can select what to keep later, using Photos app

### Why

- Great for action shots
- Great for shooting group of people; likely all the eyes will be open in at least one shot



## 5. Use earphones

### How

- Plug in earphones, press volume control to take picture

### Why

- When absolute shake avoidance is desired, this avoids touching the phone entirely



## 6. Set exposure

### How

- Tap on screen on desired focus spot
- Slide up or down

### Why

- Fine tune exposure yourself



## 7. Lock focus & exposure

### How

- Tap & hold on screen on desired focus point till 'AE/AF Lock' appears

### Why

- Useful when taking multiple shots, such as panoramas



# iOS Photo Software

- A question with no easy answer, “How many iOS photo apps are available?”
  - Apple app store contains about 2,000,000 apps
  - 4 years ago someone counted about 2,100 photography-related apps, but who knows today
  - That’s why recommendations are so popular
  - “There’s an app for that” is usually true

# iOS Photo Software


App	Category	Bill R
PhotoPills	Shot planning	*
Camera+ 2	Shooting	
ProCamera	Shooting	
Snapseed	Post processing	*
Adobe Lightroom	Post processing	
Repix	Fun	
Tangled FX	Art	*
Waterlogue	Art	*
Mextures	Art	
Instagram	Social	
Facebook	Social	*
Plotaverse	!!	*





# iOS Photo Hardware

- Lens:  
<https://www.techradar.com/news/photography-video-capture/cameras/best-iphone-lenses-transform-your-smartphone-photos-1326458>
- <https://lensbaby.com/product/deluxe-creative-mobile-lens-kit/>
- Tripods / holders:  
<https://iphonphotographyschool.com/iphone-tripod/>
- <https://www.mefoto.com/products/sidekick-360-smartphone-holder>
- <https://joby.com/us-en/>



# Resources to learn more

<https://petapixel.com/?s=iPhone>

<https://digital-photography-school.com/>

<https://iphonemethodschool.com/>

[https://www.youtube.com/results?search\\_query=iphone+photography](https://www.youtube.com/results?search_query=iphone+photography)



# A few last observations & suggestions

- The iPhone produces jpeg +/- or raw files like any other digital camera; and it's a computer
  - You can post-process pictures on whatever computer has the application you need; the iPhone, laptop, desktop
  - Whether the photo was taken with your iPhone or Olympus or ...
- If you use an iPhone and other digital cameras, suggest you manage all your pictures as one searchable library
  - You shouldn't have to worry about whether that picture you remember is in the iPhone library or Capture One library

Happy  
Shooting



12/13/2018

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# Backups

- iPhone models versus camera specifications



### iPhone Xs

- Silver, space gray, and gold
- 5.8-inch Super Retina HD display with HDR and True Tone<sup>1</sup>
- All-glass and stainless steel design, water and dust resistant (rated IP68)<sup>2</sup>

- Dual 12MP cameras with Portrait mode, Depth Control, Portrait Lighting, Smart HDR, and 4K video up to 60 fps
- 7MP TrueDepth front camera with Portrait mode, Depth Control, Portrait Lighting, and Smart HDR

- Face ID for secure authentication and Apple Pay
- A12 Bionic chip with next-generation Neural Engine
- Wireless charging (works with Qi chargers<sup>3</sup>)



### iPhone Xs Max

- Silver, space gray, and gold
- 6.5-inch Super Retina HD display with HDR and True Tone<sup>1</sup>
- All-glass and stainless steel design, water and dust resistant (rated IP68)<sup>2</sup>

- Dual 12MP cameras with Portrait mode, Depth Control, Portrait Lighting, Smart HDR, and 4K video up to 60 fps
- 7MP TrueDepth front camera with Portrait mode, Depth Control, Portrait Lighting, and Smart HDR

- Face ID for secure authentication and Apple Pay
- A12 Bionic chip with next-generation Neural Engine
- Wireless charging (works with Qi chargers<sup>3</sup>)



### iPhone XR

- Black, white, blue, coral, yellow, and (PRODUCT)RED
- 6.1-inch Liquid Retina HD display with True Tone<sup>1</sup>
- All-glass and aluminum design, water and dust resistant (rated IP67)<sup>2</sup>

- 12MP camera with Portrait mode, Depth Control, Portrait Lighting, Smart HDR, and 4K video up to 60 fps
- 7MP TrueDepth front camera with Portrait mode, Depth Control, Portrait Lighting, and Smart HDR

- Face ID for secure authentication and Apple Pay
- A12 Bionic chip with next-generation Neural Engine
- Wireless charging (works with Qi chargers<sup>3</sup>)



### iPhone X

- Silver and space gray
- 5.8-inch Super Retina HD display with HDR and True Tone<sup>1</sup>
- All-glass and stainless steel design, water and dust resistant (rated IP67)<sup>2</sup>
- Dual 12MP cameras with Portrait mode, Portrait Lighting, Auto HDR, and 4K video up to 60 fps
- 7MP TrueDepth front camera with Portrait mode, Portrait Lighting, and Auto HDR
- Face ID for secure authentication and Apple Pay
- A11 Bionic chip with Neural Engine
- Wireless charging (works with Qi chargers<sup>3</sup>)



### iPhone 8 Plus

- Silver, space gray, and gold
- 5.5-inch Retina HD display with True Tone
- All-glass and aluminum design, water and dust resistant (rated IP67)<sup>2</sup>
- Dual 12MP cameras with Portrait mode, Portrait Lighting, Auto HDR, and 4K video up to 60 fps
- 7MP FaceTime HD camera with Auto HDR
- Touch ID for secure authentication and Apple Pay
- A11 Bionic chip with Neural Engine
- Wireless charging (works with Qi chargers<sup>3</sup>)



### iPhone 8

- Silver, space gray, and gold
- 4.7-inch Retina HD display with True Tone
- All-glass and aluminum design, water and dust resistant (rated IP67)<sup>2</sup>
- 12MP camera with Auto HDR and 4K video up to 60 fps
- 7MP FaceTime HD camera with Auto HDR
- Touch ID for secure authentication and Apple Pay
- A11 Bionic chip with Neural Engine
- Wireless charging (works with Qi chargers<sup>3</sup>)



### iPhone 7 Plus

- Black, silver, gold, and rose gold
- 5.5-inch Retina HD display
- Water and dust resistant (rated IP67)<sup>2</sup>
- Dual 12MP cameras with Portrait mode, HDR, and 4K video at 30 fps
- 7MP FaceTime HD camera with HDR
- Touch ID for secure authentication and Apple Pay
- A10 Fusion chip



### iPhone 7

- Black, silver, gold, and rose gold
- 4.7-inch Retina HD display
- Water and dust resistant (rated IP67)<sup>2</sup>
- 12MP camera with HDR and 4K video at 30 fps
- 7MP FaceTime HD camera with HDR
- Touch ID for secure authentication and Apple Pay
- A10 Fusion chip



### iPhone 6s Plus

- Silver, space gray, gold, and rose gold
- 5.5-inch Retina HD display
- 12MP camera with HDR and 4K video at 30 fps
- 5MP FaceTime HD camera with HDR
- Touch ID for secure authentication and Apple Pay
- A9 chip





### iPhone 6s

- Silver, space gray, gold, and rose gold
- 4.7-inch Retina HD display
- 12MP camera with HDR and 4K video at 30 fps
- 5MP FaceTime HD camera with HDR
- Touch ID for secure authentication and Apple Pay
- A9 chip



### iPhone 6 Plus

- Silver, space gray, and gold
- 5.5-inch Retina HD display
- 8MP camera with HDR and 1080p HD video up to 60 fps
- 1.2MP FaceTime HD camera with HDR
- Touch ID for secure authentication and Apple Pay
- A8 chip



### iPhone 6

- Silver, space gray, and gold
- 4.7-inch Retina HD display
- 8MP camera with HDR and 1080p HD video up to 60 fps
- 1.2MP FaceTime HD camera with HDR
- Touch ID for secure authentication and Apple Pay
- A8 chip



## iPhone SE

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- Silver, space gray, gold, and rose gold
- 4-inch Retina display
- 12MP camera with HDR and 4K video at 30 fps
- 1.2MP FaceTime HD camera with HDR
- Touch ID for secure authentication and Apple Pay
- A9 chip