

# iPhone/iPad Essential Training

## Taking Photos & Video

Bob Newcomb  
November 1, 2018

1



Camera and Photos Apps

2



Camera App

3



Camera App

4

## Types of photos and Videos

TIME-LAPSE

SLO-MOTION

VIDEO

PHOTO

PORTRAIT (newer phones)

SQUARE

PANO

5

## Demo

6

## Taking a Photo

Photo is the default mode

Portrait or Landscape

Timer 3 or 10 seconds

2 lens iPhones have optical zoom

7

## Taking a Photo

Auto Focus is on automatically and will often do a good job.

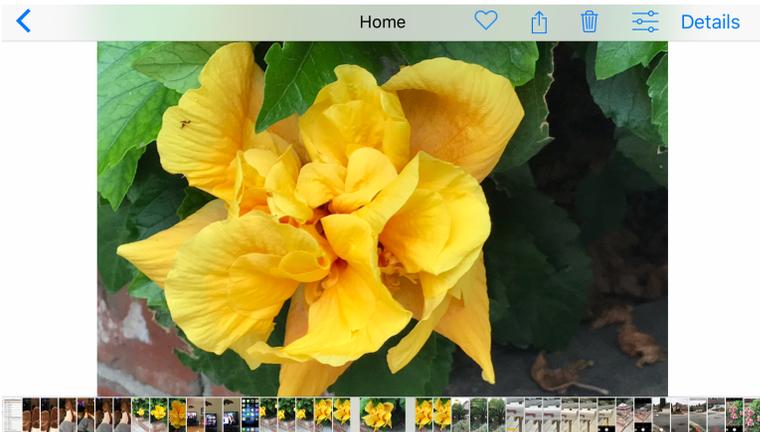
AF/AE (Auto Focus/Auto Exposure)

Tap on screen where you want it to focus and expose

Adjust it by moving your finger up or down on the screen

8

## Viewing the Photos



9

## Flash

Tap flash icon and select an option (iPhone and 9.7" iPad Pro)

Off

On

Auto

10

## HDR (High Dynamic Range)

The problem is .....

Too bright and too dark at the same time

HDR photos created by taking 3 photos

Underexposed, Correctly exposed, Over exposed

These photos are combined to give "a better one"

Settings option to keep both HDR & Normal photos

11



Normal



HDR

12

# Live Photo

When turned on:

1.5 seconds before and 1.5 seconds after you press the shutter a video is taken

Kind of gimmicky but nice when done well

13

# Portrait Mode

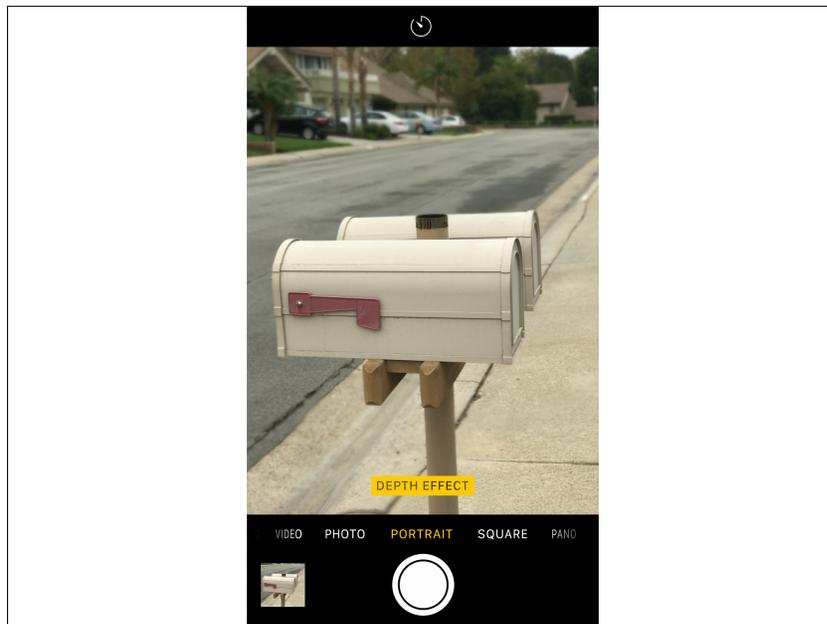
2 lens phones plus the X®

Simulates “depth of field”

Blurs background and foreground

Uses both lenses to sense depth via parallax

14



15



16

# Time Lapse

fully automatic - no settings

17

# Slo-Motion

Setting for frame rate in

Settings ➔ Camera

1080p at 120 fps

720p at 240 fps

18

# Video Mode

Shutter button is RED

Settings

Settings ➔ Camera

720p HD at 30 fps

1080p HD at 30 fps

1080p HD at 60 fps

4K at 30 fps

19

# Video Mode

Works the same as Photo with:

Auto Focus

Manual Focus and Exposure adjustments

Zoom

20

# Video Mode

Be careful with

Camera motion

Optical stabilization with newest phones

Auto focus can be abrupt

Zoom slowly and carefully

Use a tripod or prop it up if you can

21

# Panorama

Only works in Portrait Orientation

Chose the direction by tapping the ➡

Press the shutter and turn the phone continuously.

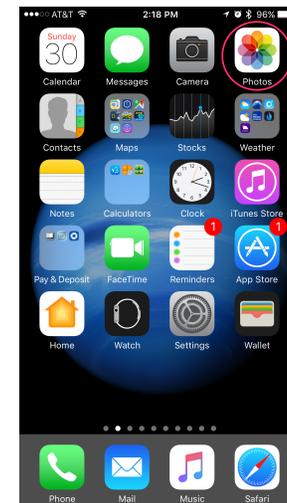
Keep the arrow as close to the line as you can

Will go 240° but will be pretty narrow, try ½ that

22



23



Photos App

24

# Photos

Photos

Years

Collections

Moments

25

# Photos

For You

Sharing Suggestions

Memories

Featured Photos

Recently Shared

Shared Album Activity

26

# Albums

My Albums

Shared Albums

People & Places

Media Types

Videos

Selfies

Live Photos

Portrait

Long Exposure

Panoramas

Slo-Mo

Bursts

Screenshots

Animated

27

# Albums

Other Albums

Imports

Hidden

Recently Deleted

Deleted

28

## The Hard Part

How do we get the pictures  
to other devices?

29

## Two Apple Methods

My Photo Stream

iCloud Photo Library

30

## My Photo Stream

FREE

All devices must have My Photo Stream selected  
in Settings ➔ iCloud ➔ Photos (or Settings ➔  
Photos & Camera)

All devices must have the same Apple ID set for  
their iCloud account

31

## My Photo Stream

A photo taken on an iPhone or iPad is saved in  
the album Camera Roll

It is also visible on that devices My Photo Stream  
album

A copy of the photo is sent to Apple

Apple sends the photo to every device that is  
set to the same iCloud account

32

# My Photo Stream

How long does it stay there?

The device that took the picture keeps it in the Camera Roll "forever" and the My Photo Stream albums show the last 1000 pictures

Other iPhones and iPad keep the last 1000 pictures in the My Photo Stream album. It will not go into the Camera Roll unless you copy it there. You can copy them to any album you wish.

Apple keeps photos for 30 days allowing you receive it into your "other devices"

Macs & PCs keep the photos "forever"

33

# iCloud Photo Library

You must pay for stored files

5GB free

50GB for \$0.99/mo

200GB for \$2.99/mo

2TB for \$9.99/mo

34

# iCloud Photo Library

Your entire library is stored on line on Apple's servers

Any devices that has iCloud Photo Library set in Settings ➔ iCloud Account ➔ iCloud ➔ Photos (or Settings ➔ Photos ) can access pictures and send new ones up to the library.

You can access any picture from [icloud.com](https://www.icloud.com) when you sign in with your Apple ID

35

# iCloud Photo Library

The iCloud Photo Library contains the full size photo

Each devices can have either full size photos or smaller ones suitable for viewing

If you select optimizing storage on any device when you choose to work with it a full size file will be downloaded to the device

36

# Alternative Photo Storage

Google Photos - Free if

16 MP or less

1080p

37

# Alternative Photo Storage

## Amazon

### Prime Photos from Amazon

[View More by This Developer](#)

By AMZN Mobile LLC

Open iTunes to buy and download apps.



[View in iTunes](#)

 This app is designed for both iPhone and iPad

#### Description

Prime Photos from Amazon lets you back up, organize, and share all of the photos and videos from your phone, computer, and other devices. You can access all your photos on nearly any device and share them with family and friends. Prime members have access to unlimited photo storage, can collect photos with up to five family members or friends, search for photos by keyword, and more.

#### AUTO-SAVE AND BACK UP YOUR PHOTOS

Auto-save photos and videos from your phone to back them up automatically. This free photo storage app keeps your photos and videos safe, even if your phone is lost or damaged. Once your photos are stored in Prime Photos, you can delete them from your device to make room on your phone.

#### FREE PHOTO STORAGE FOR AMAZON PRIME MEMBERS

Amazon Prime members receive free unlimited photo storage as part of their Prime membership.

38