

Smartphone Photography

(there is more than
just selfies!)

















Birds



























Shooting Tips

- **Hold phone steady:** Hold the camera with both hands and pull your arms into your chest or stomach. Better yet, hold phone on a solid surface
- **Go left (or right):** Instead of placing your subjects in the center of the frame, move them to the left or right to make your photos instantly become more powerful
- **Turn the phone sideways occasionally:** Use the "landscape" orientation to get more in – especially when shooting group shots or if you want to capture the background, too. This will also create photos that look better when viewed on a widescreen computer or television

Shooting Tips

- **Watch horizon line:** tilt phone forward or backward to get desired perspective
- **Better to crop than to zoom:** Most camera apps let you zoom in. But your pictures will look better if you don't zoom in but rather crop the photo later, or
- **Get closer:** Fill the whole frame up with your subjects, even going so far as to cropping faces out for a more artistic look.
- **Get out and shoot** - play with the photo apps and tools/filters until you get something you like. You can always delete what doesn't work

After market Photography Apps

- Free, up to \$2, \$5 or \$10
- Snapseed – free – most in app purchases are \$0.99 - iPhone and Android phones and PC
- Camera+ - \$1.99 - iPhone only
- Pro Camera 8 - \$4.99 – iPhone only
- Camera Awesome – free – most in app purchases are \$0.99 - iPhone and Android phones
- Photoshop Express – free –in app purchases are \$2.99, \$4.99, \$5.99 - iPhone and Android phones

Snapseed app

- Automatic
- Tune Image
- Straighten
- Crop
- Details
- Vintage
- Black & White
- Drama
- Grunge
- Frames
- HDR

Camera+ app

- Set exposure separately from focus
- Set shutter speed
- Set ISO
- Use phone flashlight as continuous fill light
- Stabilizer mode for sharper pictures
- Self-timer
- Burst mode for action photos

Camera+ app

- Post processing
 - Scenes
 - Clarity, Auto, Flash, Backlit, Night, Shade, etc.
 - The Lab
 - Rotate, Straighten, Tint, Soft focus, Sharpen, Exposure, Highlights & Shadows, Vignette
 - Filters
 - Frames, Captions
- Share on Facebook, Instagram, Twitter, Flickr – Be aware people can take your images on one or more of these social media sites

Add-on lenses

- PhotoJoJo
 - 5 different lenses - \$20 ea. or 3 for \$50
 - Fisheye – 180°
 - Super fisheye – 235°
 - Wide & Macro – 0.67x
 - 2X Telephoto
 - Polarizer
 - Attach magnetically



Add-on lenses

Olloclip – four lenses in one device - \$80

- Lenses for front and back cameras
- Fisheye
- Wide-Angle
- 10x Macro
- 15x Macro



Add-on lenses

- iPro Lens by Schneider - Macro lens
 - Wide Angle lens
 - Telephoto lens
 - Fit on case that goes over phone

- Large handle available to hold camera
- \$180 for everything below



iPhone 5S



Galaxy S4



Add-on lenses

Sony QX-10 or QX-100

- Use lens unattached or clip on back of phone
- Use WiFi or Bluetooth to transmit photo to phone
- CMOS Sensors
- Zeiss lens
- Auto Focus, Electronic

Image Stabilization,
Face Detection
Technology, Voice
Recorder

- Flash Features: Normal Sync
- Records on MicroSD card and streams images to your phone

Sony QX-10 or QX-100

QX-10	QX-100
18 MP	20MP – 1 inch sensor
f/3.3 with 10.0 X Optical , 10.0 X Digital	f/1.8 with 3.6x zoom
ISO 100 – 12,800	ISO 160-25,600
\$200	\$450



Pro Camera 8 app

- Separate focus and exposure control for both photos and videos
- Exposure compensation with the simple swipe
- ProLab - adjust brightness, saturation and contrast settings manually
- ProFX - transform photos filters & effects
- AntiShake
- 6x Foto&Video Zoom
- Self-Timer
- Night Camera - Capture sharp, noise free photos at night
- Add VividHDR for \$1.99 – it's possible to capture moving objects without ghosting

Pro Camera 8 app

- RapidFire Burst - Continuously snap photos in full resolution- or even faster in web-quality.
- FullscreenTrigger - Don't miss the perfect shot: Tap the whole screen to capture the right moment.
- Social Network Sharing
- 120 fps Videos - 120 fps slow motion capture (iPhone 5S) and slow motion playback.
- 3D Tiltmeter - For perfectly straight photos at any camera orientation/angle.
- QR-Code-Scanner - read QR codes, bar codes and more.
- TIFF Format - Save photos in three file formats: TIFF, TIFF LZW and JPEG