Smartphone Photography

(there is more than just selfies!)
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
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

<table>
<thead>
<tr>
<th>QX-10</th>
<th>QX-100</th>
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<tbody>
<tr>
<td>18 MP</td>
<td>20MP – 1 inch sensor</td>
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<tr>
<td>f/3.3 with 10.0 X Optical, 10.0 X Digital</td>
<td>f/1.8 with 3.6x zoom</td>
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<tr>
<td>ISO 100 – 12,800</td>
<td>ISO 160-25,600</td>
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<tr>
<td>$200</td>
<td>$450</td>
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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