

BUYING GUIDE FOR SMARTPHONE CAMERAS



camera

iPhone 12 Pro iPhone 12 Pro Max iPhone 11 Pro iPhone SE 2020 Galaxy S20+ Galaxy S20 Ultra Galaxy S21+ Galaxy S21 Ultra Galaxy Note 20 Ultra Google Pixel 5 Google Pixel 4a OnePlus 8 Pro Huawei P40 Pro

RAW image format



Aperture Low f-number \leq f/2.0



Megapixels \leq f/2.0



Image sensor \leq 1/2"1



Pixel size \geq 1.7 μ m



Lenses, (ultra)-wide angle



Depth Sensor (ToF)



Optical zoom (or Hybrid)



Optical Image Stabilization



Manual or Pro Mode



✓ with 3rd party app ✓ built in phone

phone

Processor, 5-nanometer tech



Display (AM)OLED or IPS LCD



Battery \geq 4000 mAh



Quickcharge



Waterproof IP68 (or IP67)



Memory \geq 256GB



Expandable



RAM



Video quality FHD or 4K



Mobile Operating System



Price range



orange \geq \$900 blue \geq \$600 green \leq \$600