Entry level, previous generation models, and sometimes two generations previous models (m4/3 + APS-C) are priced at $400-700 for camera body + kit lens, sometimes with 2 lenses.

A few examples from B&H (Nov. 8, 2019):

* Nikon D3500 + 18-55mm lens $400
* Canon EOS Reel T7 + 18-55mm lens $400
* Fujifilm X-A10 + 16-50mm lens $329
* Fujifilm X-T100 + 15-45mm lens $500
* Canon EOS M100 + 15-45mm lens $500
* Sony a6000 + 16-50mm lens $548
* Pentax K-70 + 18-55mm lens $647
* Olympus OM-D E-M10 + 14-42mm lens $499
* Panasonic Lumix G7 + 14-42mm & 45-150mm $746
* Sony A7 Mark II + 28-70mm lens $998 (FF mirrorless, current A7 is Mark IV)
* Nikon D750 + 24-120mm lens $1700 (FF DSLR)
* Canon EOS RP + 24-240mm lens $1500 (FF mirrorless)
* Canon EOS 6D + 24-105mm lens $1599 (FF DSLR)

**BEGINNER’S CORNER**

November 2019by Timothy Kant

for the Wehr Nature Center Camera Club

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BLACK FRIDAY SALES are going on already.

**WHICH CAMERA SHOULD I BUY?**

The truth is:

You can shoot great photos with any camera on the market today.A smartphone camera is always with you and is good enough for many … but if you want a camera with interchangeable lenses …



**Decision #1 – What is your budget?**

$ = Refurbished/Used

$$ = Micro 4/3 and APS-C

$$$ = Full Frame

**Decision #2 – What sensor size?**



A bigger sensor gathers more light.

A smaller sensor costs less, enables smaller camera.

A bigger sensor enables very shallow depth of field. A smaller sensor gives more DOF with the same lens.

FF = f2.8 FF = f1.4

APS-C = f2.0 APS-C = NA

m4/3 = f1.4 m4/3 = NA

Crop Factor: Sensor size changes angle of view.

FF (CF =1.0x) 50mm lens

APS-C (CF = 1.5x) 50mm lens give angle of view like a 75mm

m4/3 (CF = 2.0x) 50mm lens gives angle of view like a 100mm

**Decision #3 – Which camera design? DSLR or Mirrorless**

**Sony:** All models are mirrorless (FF + APS-C)

**Fujifilm:** All models are mirrorless (APS-C + medium format)

**Olympus & Panasonic:** All models are mirrorless (m4/3)

**Canon/Nikon:** Transitioning from DSLR to Mirrorless (FF + APS-C)

**Pentax:** DSLR (APS-C) ??