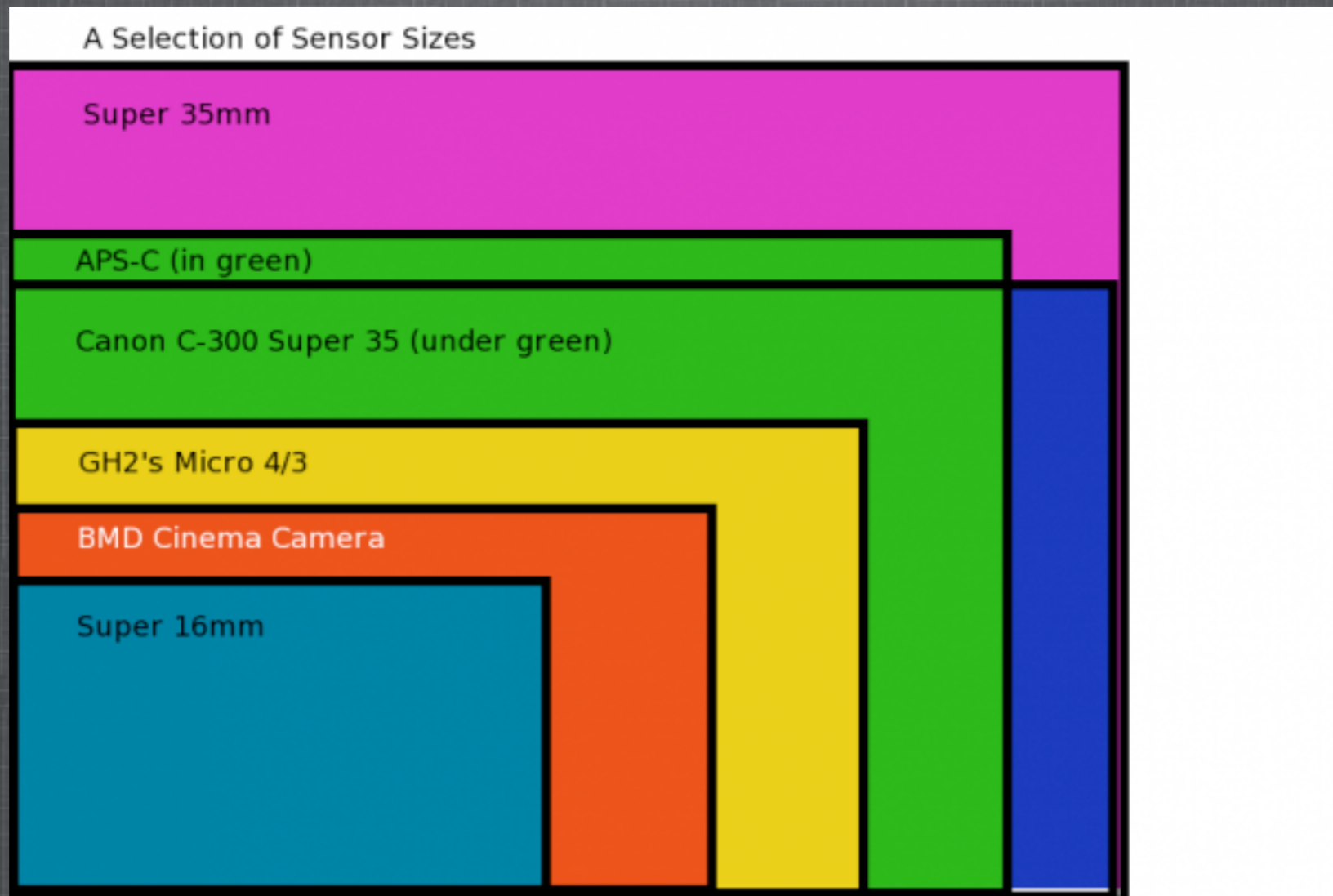


BLACK MAGIC

Cinema Camera 2.5k



TECH SPECS

- Resolution in RAW: 12 bit at 2432x1366
- Resolution in Pro Res: 10 bit at 1920x1080
- Resolution in DNxHD: 10 bit at 1920x1080
- Active Sensor size 15.81 x 8.88mm
- Dynamic Range of 13 stops
- Frame Rates: 23.98, 24, 25, 29.97, 30 (all progressive)

TECH SPECS CONT'D

- Records on removable 2.5" SSD drive
- Camera kit includes one 256gb drive
- 5 MB / frame in RAW (roughly 30 min record time)
- Less than 1 MB / frame in compressed formats (roughly 120 min record time)
- Audio 48kHz, 24 bit
- 2 x 1/4" jack mic or line inputs
- Built in mic
- Built in speaker

OUTPUTS

- SDI 10 bit 4:2:2 output (note: when shooting in 25p or 29.97p SDI output defaults to 50i and 59.94i)
- Stereo headphone output
- Thunderbolt port for capture (or scopes)
- USB port for software updates

RECOMMENDED WORKFLOW

- Unless you have a good deal of processing power and several terabytes of storage space, we recommend the following workflow:
- Shoot in **Pro-Res on Video Gamma**, import directly into FCPX and you're off to the races!

PRO'S / CON'S TO GAMMA SELECTION

- Pro Res in Film Gamma at 1920x 1080p
 - Pros: More dynamic range, greater flexibility in post (color-wise)
 - Cons: Needs to be timed, requires more processing time and space
- Pro Res in Video Gamma at 1920 x 1080p
 - Pros: Very easy, quick, limited color timing required
 - Cons: less flexible in post

Shutter Angle

@ 24p:

$$360 = 1/24\text{th}$$

$$324 = 1/26.66$$

$$270 = 1/32$$

$$216 = 1/40$$

$$\mathbf{180 = 1/48}$$

$$172.8 = 1/50$$

$$144 = 1/60$$

$$108 = 1/80$$

$$90 = 1/96$$

$$45 = 1/198$$

@ 25p:

$$360 = 1/25\text{th}$$

$$324 = 1/27.77$$

$$270 = 1/33.33$$

$$216 = 1/41.66$$

$$\mathbf{180 = 1/50}$$

$$172.8 = 1/52.08$$

$$144 = 1/62.5$$

$$108 = 1/83.33$$

$$90 = 1/100$$

$$45 = 1/200$$

@ 30p:

$$360 = 1/30\text{th}$$

$$324 = 1/33.33$$

$$270 = 1/40$$

$$216 = 1/50$$

$$\mathbf{180 = 1/60}$$

$$172.8 = 1/62.49$$

$$144 = 1/75$$

$$108 = 1/100$$

$$90 = 1/120$$

$$45 = 1/240$$

ACCESSORIES



EF Lenses f/1.4



14mm



Sigma Zoom
24-70mm
f/2.8



35mm



24mm



85mm

Follow Focus



4x4 Matte Box



ikan Field Monitor





“My camera *was* nice and small . . .”