

















| Imager (Actual Size)   | Base ISO | Latitude                             | Frame Rates (Progressive Only)   | Digital Sampling on Recorded Media                            | Recorded Bit Depth Format & Time  | Data               | Weight                              | Power                                  | Highlighted Positives   | Notable Credits  | Average National Daily Rental (Body Only)                                   |
|--|----------|--------------------------------------|--|---|---|--------------------|-------------------------------------|--|---|--|---|
| <br><b>ALEXA Studio w/Codex</b>    | 800      | 14 Stops                             | <b>4:3 Mode</b><br>.75-48fps<br><b>16:9 Mode</b><br>.75-120 fps<br>Shutter OFF<br>.75-60 fps<br>Shutter ON | 2880 x 2160<br>ARRIRAW 4:3<br><br>2880 x 1620<br>ARRIRAW 16:9 | 12 bit Log ARRIRAW<br>Uncompressed<br>25 mins -256GB<br>50 mins -512GB<br>Records ProRes & DNxHD<br><b>Also See Data Below</b>                      | 9.4 GB per Minute  | 22 lbs Body & VF<br>28 lbs w/ Codex | 90w Body with Shutter<br>125w w/ Codex | Optical Viewfinder<br>Mirrored Shutter<br>4:3 Imager Anamorphic<br>Low Light Performance<br>Wide Latitude<br>Internal ND filter         | <i>Bond 23 - SkyFall</i><br><i>World War Z</i><br><i>The Avengers</i> <sup>1</sup><br><i>Hugo</i> <sup>1</sup><br><i>Sparkle</i> <sup>1</sup><br><sup>1</sup> Non-Studio ALEXA | \$3400 w/Codex<br><br>\$2500 Studio Body Only                               |
| <br><b>Sony F65 &amp; SR-R4</b>    | 800      | 14 Stops                             | 1 to 120 fps<br>Shutter OFF<br><br>1 to 60 fps<br>Shutter ON   | 8K<br><br>4096 x 2160<br>Accessible Today                     | 16 Bit Linear RAW<br><br>15 mins - 256GB<br>30 mins- 512GB<br>60 min - 1TB  | 16.7 GB per Minute | 12 lbs Body Only<br>16 lbs w/ SR-R4 | 62w Body Only<br>105w w/SR-R4          | Rotary Shutter<br>16 Bit Linear RAW<br>IIF ACES Workflow<br>Wide Color Space<br>Wide Dynamic Range                                      | "Oblivion"<br>"After Earth"  | \$2,500   |
| <br><b>Sony F35 &amp; SRW1</b>     | 400      | 12 Stops                             | 1-50 fps @<br>1920x1080  | 1920 x 1080   | 10 Bit<br>HDCAM SR<br>Tape 50 Min<br><br>10 Bit Uncompressed<br>12 Bit - w/SRMemory   | N/A                | 11 lbs Body<br>24 lbs. w/ SRW1      | 58w Body<br>106w w/SR-R4               | 4:4:4 Recording<br>14 bit A/ D<br>Established HDCAM SR<br>Workflow<br>12 Bit - w/SRMemory   | <i>Tron Legacy</i><br><i>Red Tails</i><br><i>Reel Steel</i><br><i>Lay the Favorite</i>   | \$2,400   |
| <br><b>ALEXA Studio/Plus/EV</b>    | 800      | 14 Stops                             | .75-120 fps @<br>1920x1080<br><br>.75-60 fps @<br>ARRIRAW<br>Requires Codex                                | 1920 x 1080<br><br>2880 x 1620<br>ARRIRAW<br>Requires Codex   | 12 bit - ProRes 4444<br>10 bit - DNxHD 4:2:2<br>32GB SxS - 14 min<br>64GB SxS - 28 min  | 1.9 GB per Minute  | 14 lbs                              | 85w                                    | Low Light Performance<br>Wide Latitude<br>Cost Effective Workflow<br>Bright EVF w/ Overscan<br>Great Color Separation                   | <i>Boss</i><br><i>Shameless</i><br><i>Downton Abbey</i><br><i>Pan Am</i><br><i>Desperate Housewives</i>  | \$2500 Studio<br>\$1900 Plus<br>\$1700 EV w/120fps<br>\$1500 EV w/o 120 fps |
| <br><b>Red Epic <sup>3</sup></b> | 800      | 12+ Stops<br><br>16-18 Stops w/ HDRx | 1-96 5K 2.39<br>1-120 5K Full<br>1-150 4K Full<br>1-200 3K Full<br>1-300 2K Full                           | 5K<br>4K<br>3K<br>2K<br>1920 x 1080                           | 16 Bit Linear<br>R3D File - 5K FF @ 5:1<br>128GB SSD - 23 min<br>256GB SSD - 46 min<br>(HDRx cuts time in half)<br><i>Lowest Compression is 3:1</i> | 5.5 GB per Minute  | 5 lbs Body Only<br>6 Lbs Body & EVF | 60w                                    | Small - Ideal for 3D<br>HDRx High Dynamic Range<br>Touchscreen LCD<br>Established R3D workflow<br>EVF with overscan<br>12-14bit REDCODE | <i>Spiderman 4</i><br><i>Hobbit</i><br><i>Prometheus</i><br><i>Great Gatsby</i><br><i>Oz: The Great and Powerful</i>   | \$1,400   |
| <br><b>Red One MX</b>            | 800      | 12 Stops                             | 1-30p fps @4K<br>1-60 fps @3K<br>1-120fps @2K  | 4.5K<br>4K<br>3K<br>2K  | 12 Bit<br>R3D File (4K)<br>16GB Card - 9 mins<br>120 GB RAM - 60 min<br>320GB Drive - 120 min   | 2.0 GB per Minute  | 10 lbs Body<br>12 lbs Body & EVF    | 75w                                    | Low Light Performance<br>Cost vs. Performance<br>Established R3D Workflow on<br>virtually all platforms                                 | <i>The Social Network</i><br><i>Pirates of the Caribbean 4</i><br><i>Winter's Bone</i><br><i>Girl with the Dragon Tattoo</i>   | \$700 w/ CF Card<br><br>\$750 w/ SSD  |
| <br><b>Sony F3</b>               | 800      | 11 Stops                             | 1080<br>1-30fps<br>720<br>1-60 fps @ 29.97   | 1920 x 1080   | 8 Bit<br>32GB SxS - 100 min<br><br>10 Bit<br>S-Log to External Recorder   | .23 GB per Minute  | 5.3 lbs                             | 24w                                    | 10-bit Uncompressed<br>4:4:4 S-Log Output<br>IIF ACES Workflow<br>Ideal for 3D<br>Low Power Consumption                                 | Planet B Boy (3D)<br>Rock Center - NBC<br>X Factor<br>Numerous Regional & National Spots   | \$450<br><br>\$500 w/S-Log  |

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| Imager (Actual Size)   | Base ISO               | Latitude    | Frame Rates (Progressive Only)   | Digital Sampling on Recorded Media                        | Recorded Bit Depth  | Data                        | Weight                                  | Power | Highlighted Positives  | Notable Credits   | Average National Daily Rental (Body Only)             |
|--|------------------------|-------------|--|---|---|-----------------------------|---|-------|--|---|---|
| <br>Canon EOS C300               | 850                    | TBD         | 1080<br>24, 25, 30 fps<br><br>720<br>24, 25, 30, 60                                | 1920 x 1080   | 8 Bit<br>MPEG2-4:2:2 MXF<br>64GB CF - 160 min   | 0.4 GB per Minute           | 3.2 lbs                                 | 11.4w | Incredible Low Light Performance<br>Small Size<br>C-Log Workflow   | XXIT<br>Mobius<br>Sword<br>Max Is Back  | \$450   |
| <br>Red Scarlet <sup>3</sup>     | 800                    | 12+ Stops   | 1-12 fps @ 5K<br>1-30 fps @ 4K<br>1-48 fps @ 3K<br>1-60 fps @ 2K<br>1-120 fps @ 1K | 4K<br>3K<br>2K<br>1920 x 1080<br>5K (up to 12 fps)        | 16 Bit Linear<br>R3D File - 4K @ 6:1<br>64GB SSD - 23 min<br>128GB SSD - 46 min<br>256GB SSD - 92 min | 2.8 GB per Minute           | 5 lbs                                   | 60w   | Cost vs. Performance<br>Small - Ideal for 3D<br>Established R3D workflow   | Love Puzzle<br>Maybe He Should<br>Have Told Her Closer to Home  | \$400   |
| <br>Canon 7D PL Mount            | 100 Still<br>160 Video | 9 Stops     | 24, 25, 30 @<br>1920 x 1080<br><br>60p (7D Only)<br>1280x720                       | 1920 x 1080   | 8 Bit<br>H.264<br>16GB CF - 49 mins   | 0.32 GB per Minute          | 1.8 lbs                                 | TBD   | Cost vs Performance<br>Compact Size<br>Low Light Performance   | Numerous Regional & National Spots<br>Various Credits as a C & D camera for TV & Features   | \$250   |
| <br>for comparison<br>ARRICAM ST | 500                    | 15-16 Stops | 1-60fps  | 1920x1080<br>2K<br>4K<br>6K<br>Uncompressed (via Scanner) | 16 bit (Linear)<br>10 bit (Log)<br>3 Perforation<br>14m48s 1000'<br>4 Perforation<br>11m 06s 1000'    | N/A                         | 25 lbs. 400' Load<br>28 lbs. 1000' Load | 55w   | 4:4:4 Color Sampling<br>Established Workflow<br>Widest Available Latitude<br>Proven Archival Value                         | The Black Dahlia<br>Chicago<br>King's Speech<br>Quantum of Solace   | \$1,400 w/Mags  |
| <br>Phantom Flex                | 1200                   | 10 Stops    | 1-1617 fps @<br>2560x1440<br><br>1-2564 fps @<br>1920x1080                         | 2560x1440<br>1920x1080                                    | 12 Bit - RAW<br>32G Internal RAM<br>4.5s@2500fps<br>512G CineMags<br>1m14s@2500fps                    | 170 GB per Minute @ 1000fps | 12 lbs.<br>14 lbs. w/ CineMag           | 100w  | Compact size<br>Uncompressed RAW<br>4:4:4 Output<br>CineStation Workflow   | Green Hornet <sup>2</sup><br>Final Destination 5 <sup>2</sup><br>Sherlock Holmes 2 <sup>2</sup><br>Numerous<br>National Spots<br><sup>2</sup> Portions of Project | \$5500 w/ CineMags (1TB)<br>\$3000 Camera Only (32GB) |
| <br>Phantom HD Gold            | 250                    | 10 Stops    | 5-1052 fps @<br>1920x1080  | 2048 x 2048 Uncompressed RAW<br>1920 x 1080               | 14 Bit - RAW<br>32G Internal RAM<br>8.9s@1000fps<br>512G CineMags<br>3m14s @ 1000fps                  | 216 GB per Minute @ 1000fps | 12 lbs.<br>14 lbs. w/ CineMag           | 80w   | 14 Bit RAW<br>Big Image for Repositioning<br>Compact Size<br>Uncompressed RAW<br>CineStation Workflow<br>Anamorphic Lenses | Sherlock Holmes <sup>2</sup><br>Inception <sup>2</sup><br>Tron: Legacy <sup>2</sup><br>Numerous<br>National Spots<br><sup>2</sup> Portions of Project             | \$4500 w/ CineMags (1TB)<br>\$2000 Camera Only (32GB) |
| <br>Weisscam HS-2              | 400 HD<br>640 RAW      | 10 Stops    | 1-2000 fps @<br>1920x1080  | 2048 x 1536 Uncompressed RAW<br>1920 x 1080               | 12 Bit - RAW<br>32G Internal RAM<br>6s @ 2000fps<br>DigiMag (2 TB)<br>9m18s @ 2000fps                 | 160 GB per Minute @ 1000fps | 19 lbs<br>35 lbs w/ DigiMag             | 80w   | Simultaneous HD-SDI & RAW<br>Wireless Interface<br>Anamorphic Lenses   | The Three Musketeers <sup>2</sup><br>Doctor House <sup>2</sup><br>Numerous<br>National Spots<br><sup>2</sup> Portions of Project                                  | \$3500 w/ DigiMag (2 TB)<br>\$3000 Camera Only (32GB) |

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