
















| Imager (Actual Size) | Lens Mount | ISO Base | Latitude | Frame Rates | Digital Sampling on Recorded Media | Recorded Bit Depth Format & Time | Weight | Power Draw | Highlighted Positives | Notable Credits | Average NATIONAL Daily Rental |
|--|----------------------------|------------|----------|--|---|--|--|---------------------------|--|--|--|
|  Phantom HD Gold | PL PV Nikon Canon | 250 | 10 Stops | 5-1052 fps @ 1920x1080 | 2048 x 2048 Uncompressed RAW 1920 x 1080 | 14 Bit Uncompressed RAW 32G Internal RAM 8.9s@1000fps 512G CineMags 3m14s @ 1000fps ² | 12 lbs. 14 lbs. w/ CineMag | 80w | Compact Camera Size Uncompressed RAW CineStation Workflow Anamorphic Lenses 14 Bit RAW | "Hurt Locker" ¹ "Max Payne" ¹ "The Spirit" ¹ Numerous National Spots | \$5000 w/ 2 CineMag (1+TB) \$2500 Camera Only (32GB) |
|  Weisscam HS-2 | PL PV Nikon Canon | 320 | 9 Stops | 1-2000 fps @ 1920x1080 | 2048 x 1536 Uncompressed RAW 1920 x 1080 | 12 Bit Uncompressed RAW 32G Internal RAM 12s @ 1000fps DigiMag (2 TB) 12m30s @ 1000fps | 13.2 lbs 29 lbs w/ DigiMag | 70w Camera 85w DigiMag | Simultaneous HD-SDI & RAW Wireless Interface Anamorphic Lenses | Numerous National Spots | \$3750 w/ 1 Digi-Mag (2 TB) \$3000 Camera Only (16GB) |
|  Sony F35 | PL | 320 | 12 Stops | 1-50 fps @ 1920x1090 | 1920 x 1080 | 10 Bit HDCAM SR 50 Min 10 Bit DPX s.two OB-1 30 Min | 29 lbs. w/SRW1 18lbs. w/OB-1 | 106w w/SRW1 75w w/OB-1 | 4:4:4 Color Sampling Low Light Performance Easy and Established HDCAM SR Workflow | "CSI-NY" "Cold Case" "Weeds" Numerous National Spot | \$3500 with SRW-1 & SRPC-1 or OB-1 |
|  Arri D-21 w/OB-1 | PL | 200 | 11 Stops | 1-60 fps 4:2:2 1-30 fps 4:4:4 1-25 fps RAW | 2880 x 2160 Uncompressed ARRIRAW 1920 x 1080 | 12 Bit ARRIRAW OB-1 30 min 10 Bit HDCAM SR 50 min | 23 lbs. w/OB-1 16 lbs. Camera Only | 60w Camera 56w SRW-1 | 4:4:4 Color Sampling Optical Viewfinder Anamorphic lenses | "Five Killers" "The Company" "The Bank Job" | \$2750 with SRW-1 & SRPC-1 or OB-1 |
|  Sony F23 | B4 | 320 | 11 Stops | 1-60 fps @ 1920x1080 | 1920 x 1080 | 10 Bit HDCAM SR 50 Min | 11 lbs. Camera Only 29 lbs. w/SRW-1 | 106w w/SRW1 75w w/OB-1 | 4:4:4 Color Sampling Established Workflow Wide Latitude | "Speed Racer" "Public Enemies" | \$2750 with SRW-1 & SRPC-1 |
|  Red One | PL PV Nikon Canon | 250 to 320 | 10 Stops | 1-30p fps @4K 1-60 fps @3K 1-120fps @2K | 2K 3K 4K | 12 Bit Card (16GB) 9 mins Ram (120GB) 60 min Drive (320GB) 120 min | 9 lbs. Camera Only | 65w | Cost vs Performance Compact Size | "District 9" "The Informant" "Book of Eli" Numerous National Spots | \$1200 with 16 GB Cards & RAM Drive |

¹ Portions of the Project ² Top speed direct record is 450fps

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|--|------------------------|----------|----------|--|---|--|--|------------|---|--|-------------------------------|
|  SI-2K CMOS 11.7 ∅ 10.3x5.76mm | PL B4 C Nikon | 250 | 11 Stops | 1-25 fps @ 2K 1-30 fps @ 1080p 1-85 fps @ 720p | 2K 1920 x 1080 | 12 Bit Uncompressed Raw 10 Bit CineForm 40GB/Hour | 16 lbs. Standard 1.2 lbs. Mini | 60w | Mini Remote Head Live 3D-LUT/Keyer Direct to Edit AVI/MOV Compact Small Size Popular for 3D | "Slumdog Millionaire" ¹ "My Bloody Valentine 3D" ¹ Numerous National Spots | \$1200 with 128G Flash RAM |
|  Panasonic HPX-3000/3700 CCD 11 ∅ 8.8 x 6.6mm | B4 | 400 | 10 Stops | 3000 24, 25p, 30p 3700 1- 30 fps | 1920 x 1080 | 10 Bit 5 - 32GB P2 Cards 200 min | 10.5 lbs | 43w | "HD D5" Quality Cost vs Performance FCP 7 Supports Native AVC-I 3700 Offers 4:4:4 Out | "Party Down" "Doll House" Numerous National Spots | \$1200 with 2 16GB Cards |
|  Sony PDW-F800 CCD 11 ∅ 8.8 x 6.6mm | B4 | 500 | 10 Stops | 1080 1-30fps 720 1-48 fps @ 23.98 1-60 fps @ 29.97 | 1920x1080 1280x720 | 8 Bit XDCAM Optical Disks 95 Min | 9 1/2 lbs. | 44w | Combines the best of a tape and tapeless world. Low Cost Media Native support by Major NLE | "Parks & Recreation" Mark Burnett Productions | \$1,000 |
|  Panasonic HPX-2000/2700 CCD 11 ∅ 8.8 x 6.6mm | B4 | 640 | 10 Stops | 2000 24, 25 30p, 50p, 60P 2700 1-60fps | 1280x720 | 10 Bit 5 - 32GB P2 Cards 200 min | 10 lbs. | 43w | HD D-5 quality @ Relatively low data & Rental rates Also Record 1080i | Numerous Regional Spots | \$800 w/ five 16GB Cards |
|  Sony PMW-EX3 CMOS 8 ∅ 6.9 x 3.2mm | EX Mount | 400 | 7 Stops | 1-30fps @1080p 1-60fps @ 720p | 1920 x 1080 | 8 Bit 2 - 32GB SxS Cards 200 min | 7.9 lbs. | 13.5w | Cost vs Performance Size Flexibility to mount Professional 2/3" Lenses | "Melrose Place " ¹ Numerous Regional Spots | \$500 w/ two 16GB Cards |
|  Sony PMW-EX1 CMOS 8 ∅ 6.9 x 3.2mm | FIXED | 400 | 7 Stops | 1-30 fps @ 1080p 1-60 fps @ 720p | 1920 x 1080 | 8 Bit 2 - 32GB SxS Cards 200 min | 6.2 lbs. | 12w | Cost 1/2" Imager Full 1920x 1080 imager and recording | "Dexter" ¹ Numerous Regional Spots | \$375 w/ two 16GB cards |
|  for comparison Arricam ST Kodak FILM Full Aperture 31.1∅ 24.9x18.1mm | PL | 500 | 14 Stops | 1-60fps | 1920x1080 2K 4K 6K Uncompressed | 16 bit (Linear) 10 bit (log) 3 Perforation 14m48s 1000' 4 Perforation 11m 06s 1000' | 25 lbs. 400' Load 28 lbs. 1000' Load | 55w | 4:4:4 Color Sampling Established Workflow Excessive Latitude Proven Archival Value | "The Black Dahlia" "Chicago" "Lord of the Rings" "Slumdog Millionaire" ¹ | \$2,000 w/2 Mags |

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