









FLETCHER CAMERA

Imager	Lens Mount	Imager Sampling	Digital Sampling on Recording Media	Base ASA	Dynamic Range	Frame Rates Progressive Only	Recording Format & Load Time	Bit Depth Recorded	Weight Lbs.	Power Draw	VF	Highlighted Positives	Average National Rental
Phantom HD	Single S35mm CMOS	Film PL	2048x2048 Uncompressed RAW or Selectable Lower	600	10 Stops	571052p @ 1920x1080	32GB Internal RAM 6m10s@24f 60s@150f 30s@300f 8.9s@1000f	14 Bit	12 lbs.	80w	Color	High Speed Capability Uncompressed RAW Full Sized Imager Wide Latitude Compact Size	\$5000 Camera with 2 Cine Mags
Sony F23	Three 2/3" CCD	Video B4	1920x1080	320	11.2 Stops	1660p@4:4 (Docked) 1830p@4:4 1660p@2:2 (Undocked)	HDCAM SR 50 Min	10 bit	29 lbs. Docked 11 lbs. Camera Only	106w Docked	Color	Established Workflow 4:4:4 Color Sampling Wide Latitude	\$3300 with SRW & RPC
Arri Dr21w/ Fiber	Single S35mm CMOS	Film PL	2880x2160 Uncompressed ARRIRAW 1920x1080 HDCAM SR	200 up to 800	10 Stops	2060p@4:2:2 2080p@4:4:4 2025p@RAW	ARRIRAW s.two 48min HDCAM SR 50min	12 Bit ARRIRAW s.two 10 Bit HDCAM SR	16 lbs. Camera 18 lbs. VTR	60w 56w SRW VTR	Optical	4:4:4@2:2 Band/or RAW Optical Viewfinder S35mm Imager Allows Anamorphic Lenses See outside frame lines 55mm Depth of Field	\$3000 with SRW & RPC or s.two
Red One	Single S35mm CMOS	Film PL	4520x2540 2K 3K 4K	320	10 Stops	1830p@4K 1660p@3K 1120p@2K	RedDrive 120min RedFlash (8GB) 4.5mins RedRam 60min	12 bit	9 lbs. Camera Only	65w	Color	Cost vs. Performance S35mm Imager Allows See outside frame lines 55mm Depth of Field	\$1,200 with Six GB Cards
Panasonic HPXr3000	Three 2/3" CCD	Video B4	1920x1080	500	10 Stops AVC 9 Stops DVCPR	24p, 25p 30p	5 1/2 Cards AVC 100 DVCPRO HD 100min	10 bit AVC 8 bit DVCPRO	10.5 lbs	43w	B&W	"HD5" Quality 4:2:2 Color Sampling Full 1920x1080 Cost vs. Performance w/P2 proven workflow	\$1,100 with 16GB Cards
Sony HDWRF900	Three 2/3" CCD	Video B4	1920x1080	320	F900R 9 stops F900/3 9 stops F900/2 7.5 stops	24p, 25p 30p	HDCAM 50 Min	8 bit	F900R 12 lbs. F900/3 17.6 lbs F900/2 17.6 lbs	F900R 34w F900/3 42w F900/ 2	B&W or Color	Industry Workhorse Proven Easy Workflow	F900R \$1200 F900/3 \$1100 F900/2 \$950



Imager Size	Lens Mount	Imager Sampling	Digital Sampling on Recording Media	ASA	Dynamic Range	Frame Rates Progressive Listed Only	Recording Format & Load Time	Bit Depth Recorded	Weight Lbs.	Power Draw	VF	Highlighted Positives	Average National Rental
	Three 2/3" CCD	Video B4	1280 x 720	500	10 Stops AVC 9 Stops DVCPR	24p, 25p, 30p, 50p, 60p	5 1/2" Cards AVC DVCPRO 100min	10bit AVC 8bit DVCPRO	10 lbs.	43w	B&W Color	HD Quality @ relatively low data rates. Also Record 1080	\$700 w/16GB Cards
	Three 2/3" CCD	Video B4	1280 x 720	640 Video Rec 320 Film	9 Stops	45 60p	DVCPRO HD 32min	8bit	16.8 lbs	36w	B&W	Variable Frame Industry Workhorse	\$800
	Three 2/3" CCD	Video B4	1280 x 720	500	9 Stops	24p, 25p, 30p, 50p, 60p	DVCPRO HD 32min	8bit	16.7 lbs	36w	B&W Color	Cost	\$600
	Three 1/2" CMOS	FIXED Cannot Change Lenses	1920 x 1080 1080	800	7 Stops	150p @ 720 130p @ 1080	2 1/2" Cards 100min	8bit	6.2 lbs	13w	Color + Color Flipout LCD	Cost 1/2" imager Full 1920x1080 recording	\$375 w/16GB Cards
	Three 1/3" CCD	FIXED Cannot Change Lenses	960 x 540	320	7 Stops	6p, 12p, 18p, 20p, 22p, 26p, 30p, 32p, 36p, 48p, 60p	2 1/2" Cards 80min	8bit	5.3 lbs	14w	B&W	Cost P2 Workflow Established Tapeless Workflow	\$375 w/16GB Cards
	Single S35mm Kodak 5219 Vision	Film Not Applicable	1920x1080 2K 4K 6K Uncompressed	500	14 Stops	150p	3 Perforation 5m55s @ 100' 14m48s @ 1000' 4 Perforation 4m26s @ 100' 11m06s @ 1000'	16bit (Linear) 10bit (log)	25 lbs 400' 28 lbs 1000'	55w	Optical	Established Workflow Excessive Latitude Proven Archival Value	\$2,000 w/2 Mags

for comparison Arricam ST