

VIDEO & AUDIO FORMATS 50HZ @2013 - BLK OPTICOACOUSTICS LTD - www.blk.gr

Format	Compression	Container	Max Resolution	Max Bit Rate	Sampling	Audio Channels	Audio Sample	Audio Bit Rate	REC Media	Cameras/Recorders	Rating
SD											
Digital Beta	MPEG2		720x576pixels	90Mbps	4:2:2 10bit	4Channels	48KHz 20bit	PCM 1.536Kbps	Tape	Sony DVW-700	★★★★★
Betacam IMX	MPEG2 422P@ML		720x576pixels	50Mbs	4:2:2 8bit	4Channels	48KHz 16bit	PCM 1.536Kbps	Tape		★★★★★
DV	DV Intra Frame	.dv or .avi	720x576pixels	25Mbps	4:2:0 8bit	2Channels	48KHz 16bit	PCM 1.536Kbps	Tape	JVC GY-DV5000	★★
DVCAM	DV Intra Frame	.dv	720x576pixels	25Mbps	4:2:0 8bit	2Channels	48KHz 16bit	PCM 1.536Kbps	Tape	Sony DSR-400PL	★★
XDCAM SD	MPEG2	.mxf	720x576pixels	50Mbps	4:2:2 8bit	8Channels	48KHz 16bit	PCM 1.536Kbps	Disc BlueRay	Sony PDW-530P	★★★★★
DVCPRO	DV Intra Frame	.mxf	720x576pixels	25Mbps	4:2:0 8bit	2Channels	48KHz 16bit	PCM 1.536Kbps	Tape	Panasonic AJ-D400	★★
DVCPRO 50	DV Intra Frame	.mxf	720x576pixels	50Mbps	4:2:2 8bit	4Channels	48KHz 16bit	PCM 1.536Kbps	Tape	Panasonic AJ-SDC905	★★★★★

HD											
HDV	MPEG2 TS	.mts	1080 50i/25P 1440x1080	25Mbps	4:2:0 8bit	4Channels	48KHz 16bit	MPEG1 384Kbps	Tape	Sony HVR-S270	★
AVCHD	MPEG4/H264	.m2ts	1080 50i/25P 1920x1080	24Mbps	4:2:0 8bit	2Channels/Surround	48KHz 16bit	PCM / AC3 Surround	SD Cards	Sony HXR-MC2000	★★
AVCHD 2.0	MPEG4/H264	.m2ts	1080 50i/25P 1920x1080	28Mbps	4:2:0 8bit	2Channels/Surround	48KHz 16bit	PCM / AC3 Surround	SD Cards	Sony HXR-NX70	★★★
H264 JVC	H264	.mov	1080 50P/60P 1920x1080	35Mbps	4:2:0 8bit	2Channels	48KHz 16bit	MPEG1 384Kbps	SD Cards	JVC GY-HM650	★★★
XDCAM HD	MPEG2 HD MP@HL	.mxf	1080 50i/25P 1440x1080	35Mbps	4:2:0 8bit	4Channels	48KHz 16bit	PCM 1.536Kbps	Disc BlueRay	Sony PDW700	★★
XDCAM EX HD	MPEG2 HD MP@HL	.mxf or .mp4	1080 50i/25P 1920x1080	35Mbps	4:2:0 8bit	4Channels	48KHz 16bit	PCM 1.536Kbps	SxS Cards	Sony PMW-EX3	★★
XDCAM EX 422	MPEG2 HD 422P@HL	.mxf	1080 50i/25P 1920x1080	50Mbps	4:2:2 8bit	4Channels	48KHz 24bit	PCM 1.536Kbps	SxS Cards	Sony PMW-200	★★★
HDCAM	MPEG-4		1080 50i/25P 1440x1080	144Mbps	4:2:0 8bit	4Channels	48KHz 20bit	PCM 1.536Kbps	Tape / Recorder	Sony HDW-F900R	★★★
HDCAM SR SQ	MPEG-4		1080 50P/60P 1920x1080	440Mbps	4:2:2 10bit	12Channels	48KHz 24bit	PCM 1.536Kbps	Tape / Recorder	Sony SRW-9000	★★★★★
HDCAM SR HQ	MPEG-4		1080 50P/60P 1920x1080	880Mbps	4:4:4 10bit	12Channels	48KHz 24bit	PCM 1.536Kbps	Tape / Recorder	Sony SRW-9000	★★★★★
DVCPROHD	Intra Frame	.mxf	1080 50i/25P 1440x1080	100Mbps	4:2:2 8bit	8Channels	48KHz 24bit	PCM 1.536Kbps	P2 Cards	Panasonic AG-HVX200	★★★
AVC-INTRA100	Intra Frame	.mxf	1080 50i/25P 1920x1080	100Mbps	4:2:2 10bit	8Channels	48KHz 24bit	PCM 1.536Kbps	P2 Cards	Panasonic AG-HPX371	★★★★★
AVC-ULTRA 200	Intra Frame	.mxf	1080 50P/60P 1920x1080	200Mbps	4:2:2 10bit	8Channels	48KHz 24bit	PCM 1.536Kbps	P2 Cards	Panasonic AG-HPX600	★★★★★
Apple ProRes 422 HQ	Intra Frame	.mov	1080 50i/25P 1920x1080	VBR 220Mbps	4:2:2 10bit	8Channels	48KHz 16bit	PCM 1.536Kbps	SSD / HDD / SxS	Atomos Samurai	★★★★★
Apple ProRes 422	Intra Frame	.mov	1080 50i/25P 1920x1080	VBR 145Mbps	4:2:2 10bit	8Channels	48KHz 16bit	PCM 1.536Kbps	SSD / HDD / SxS	Atomos Samurai	★★★★★
Apple ProRes 422 LT	Intra Frame	.mov	1080 50i/25P 1920x1080	VBR 100Mbps	4:2:2 10bit	8Channels	48KHz 16bit	PCM 1.536Kbps	SSD / HDD / SxS	Atomos Samurai	★★★★★
Apple ProRes Proxy	Intra Frame	.mov	1080 50i/25P 1920x1080	VBR 45Mbps	4:2:2 10bit	8Channels	48KHz 16bit	PCM 1.536Kbps	SSD / HDD / SxS	Atomos Samurai	★★★

2K/4K											
Apple ProRes 4444	Intra Frame	.mov	2K & 1080 50P/60P	VBR 754/330 Mbps	4:4:4 12bit	8Channels	48KHz 16bit	PCM 1.536Kbps	SSD / HDD / SxS		★★★
RAW Blackmagic	RAW	.dng	2.5K	up to 1.2Gbps	12bit linear	4Channels	48KHz 16bit	PCM 1.536Kbps	Flash/SSD	Blackmagic Cinema	★★★
REDCODE	RAW	.r3d	5K 120fps	up to 5.5Gbps	16bit linear	4Channels	48KHz 24bit	PCM 1.536Kbps	Flash/SSD	Red Epic	★★★★★
ARRIRAW	RAW	.ari	2K 2880x1620 50P/60P	up to 3.3Gbps	12bit linear	4Channels	48KHz 24bit	PCM 1.536Kbps	Arri Recorder	Arri Alexa	★★★★★
RAW HD	RAW	.dpx	1080 50P/60P 1920x1080	4.4Gbps	16bit linear	12Channels	48KHz 24bit	PCM 1.536Kbps			★★★★★
RAW 4K	RAW	.dpx	4K 50P/60P 1920x1080	9.38Gbps	16bit linear	12Channels	48KHz 24bit	PCM 1.536Kbps			★★★★★

HD 720: 1280x720pixels
HD 1080: 1920x1080pixels
3G-SDI: HD 1080 50P/60P input
2K: 2048 x 1152pixels
2.5K: 2432 x 1366pixels
3K: 3072 x 1728pixels
4K: 4096 x 2304pixels
5K: 5120 x 2700pixels

50HZ: 25P/50i/50P
60HZ: 24P/30P/60i/60P



SENSOR DIMENSIONS @2013

Type	1/4"	1/3"	1/2"	2/3"	Super 16	1"	Blackmagic	4/3"	APS-C	DX	Super 35mm	Phantom	RED	APS-H	35mm	Phase one P65+
Width	3.20mm	4.80mm	6.40mm	8.80mm	12.52mm	12.8mm	15.81mm	17.3mm	22.2mm	23.6mm	24.9mm	25.6mm	27.7mm	28.7mm	36mm	53.9mm
Height	2.40mm	3.60mm	4.80mm	6.60mm	7.41mm	9.6mm	8.88mm	13mm	14.8mm	15.5mm	14mm	25.6mm	14.6mm	19.1mm	24mm	40.4mm
Crop Factor	10.83	7.21	5.41	3.93	2.97	2.70	2.38	2	1.62	1.52	1.51	1.19	1.38	1.26	1	0.64
Cameras	AG-AC90	GY-HM600	PMW-200	AG-HPX600	ArriFlex 416		Cinema	AG-AF101	Canon 7D	Nikon D7000	NEX-FS700	HD Gold	RED Epic	Canon 1D	Canon 5D	Phantom 65

BLK CAMERA SUGGESTIONS @2013

Type of Shooting	News - Events	Weddings	Documentaries	TV Commercials	Cinema	Studio
< 1000€		Hero3 Black	Hero3 Black	Hero3 Black		
> 1.000€	JVC GY-HM150	Blackmagic Cinema or JVC GY-HM150	Blackmagic Cinema	Blackmagic Cinema	Blackmagic Cinema	
> 3.000€	JVC GY-HM650 or HM600	JVC GY-HM600	Panasonic AG-AF101 or JVC GY-HM600	Panasonic AG-AF101 or JVC GY-HM600	Panasonic AG-AF101 or JVC GY-HMQ10	JVC GY-HM750
> 5.000€	Panasonic AG-HPX371 or Sony PMW-200	Panasonic AG-HPX371 or Sony PMW-200	Sony PMW-200 or Sony NEX-FS700	Sony NEX-FS700 or Sony PMW-200	Sony NEX-FS700	JVC GY-HM790 with Multi or Fiber
> 10.000€	Panasonic AG-HPX600	Panasonic AG-HPX600	Sony PMW-F5 or Panasonic AG-HPX600	Sony PMW-F5	Sony PMW-F5	Panasonic AG-HPX600
> 20.000€	Panasonic AJ-HPX3700	Panasonic AJ-HPX3700	Panasonic AJ-HPX3700	RED EPIC	RED EPIC	Panasonic AJ-HPX3700

BLK CAMERA COMPARISON CHART @2013



Brand	Model	Sensor Type	Lens	Min. Illumun.	Max Resolution	Best REC Format	Sample	REC-Media	Video OUT	Audio IN	Extra Features	Performance	Price w Cards & Lens	Average
JVC	Adixx GC-XA1	1CMOS 1/2.5" 5MP	25mm - F2.8		1920x1080 30P/25P	AVCHD 15Mbps	4:2:0 8bit	SD Cards	HDMI	-	Waterproof - Streaming WiFi	★★	★★★★★	★★★★
Gopro	Hero3 Black	1CMOS 1/4" 12MP	Wide F2.8		4K 12P-1080P 60P/50P	H264 MP4 45Mbps	4:2:0 8bit	SD Cards	HDMI	Jack 3.5mm	720P 120P-WiFi-Waterproof	★★★★	★★★★	★★★★
> 1.000€														
Sony	HVR-1000	1CMOS 1/3"	Zeiss 40-400mm 10X	5LUX	1080 50i 1440x1080	HDV 25Mbps	4:2:0 8bit	HDV Cassette -SD Card	HDMI, CVBS	Jack 3.5mm	Shoulder Camera		★★★★★	★★
Sony	HXR-MC2000	1CMOS 1/3"	Sony 39-476mm 12X	3LUX Low lux	1080 50i 1920x1080	AVCHD 24Mbps	4:2:0 8bit	SD Cards	HDMI, CVBS	Jack 3.5mm	Shoulder Camera	★	★★★★★	★★★★
JVC	GY-HM150	3CCD 1/4" 2.07MP	Fujinon 39-390mm 10X	1LUX Low Lux	1080 50i 1920x1080	MPEG-2 35Mbps	4:2:0 8bit	2 SD Cards - Backup	HDMI, CVBS	2x XLR 3pin	MOV/MP4-TimeLapse-ND-PreRec	★★★	★★★★	★★★★
Panasonic	AG-AC90	3MOS 1/5" 2.2MP	Panasonic 29-383mm 12X	3LUX	1080 50P 1920x1080	AVCHD 28Mbps	4:2:0 8bit	SD Cards	HDMI, CVBS	2x XLR 3pin	TimeLapse-PreRec	★★	★★★★	★★★★
Panasonic	AG-HMC81	3CCD 1/4" 2.51MP	Panasonic 40-490mm 12X	1LUX	1080 50i 1920x1080	AVCHD 21Mbps	4:2:0 8bit	SD Cards	HDMI, CVBS	2x XLR 3pin	Shoulder Camera	★★	★★★★	★★★★
Canon	7D	1CMOS APS-C 18MP	EF Canon Mount	Sensitive	1920x1080 30P/25P	H264 MOV 45Mbps	4:2:0 8bit	CF Cards	HDMI	Jack 3.5mm	TimeLapse	★★★	★★★	★★★
Sony	HXR-NX70	1CMOS 1/3" 6MP	Sony 26-263mm 10X	3LUX Low lux	1080 50P 1920x1080	AVCHD 28Mbps	4:2:0 8bit	SD Cards	HDMI, CVBS	2x XLR 3pin		★★	★★★	★★
Blackmagic	Cinema	1CMOS <4/3" 5.5MP	EF Canon Mount	Sensitive-13Stop	2.5K 25P/30P	RAW 1200Mbps	12bit Linear	SSD	HD/SD-SDI	2x XLR 3pin	Thunderbolt -13 stops-Time Lapse	★★★★★	★★★	★★★★★
Canon	5D MarkIII	1CMOS 35mm 22.3MP	EF Canon Mount	Sensitive	1920x1080 30P/25P	H264 MOV 45Mbps	4:2:0 8bit	CF Cards	HDMI	Jack 3.5mm	TimeLapse	★★★★	★★	★★★
Canon	XF100	1CMOS 1/3" 2.07MP	Canon 30-304mm 10X	4LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x CF Cards - Backup	HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★	★★	★★
Sony	PMW-100	1CMOS 1/3" 2.07MP	Sony 40-400mm 10X	0.4LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x SxS Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse	★★★★	★	★★
> 3.000€														
Sony	HXR-NX5	3CMOS 1/3" 1.03MP	Sony 29-590mm 20X	1.5LUX	1080 50i 1920x1080	AVCHD 24Mbps	4:2:0 8bit	SD Cards	SDI, HDMI, CVBS	2x XLR 3pin	ND Filters	★★★	★★★★	★★★★
Panasonic	AG-AC130	3MOS 1/3" 2.2MP	Panasonic 28-616mm 22X	0.4LUX	1080 50i 1920x1080	AVCHD 25Mbps	4:2:0 8bit	2 SD Cards - Backup	HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★	★★★★	★★★★
Canon	XF105	1CMOS 1/3" 2.07MP	Canon 30-304mm 10X	4LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x CF Cards - Backup	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★	★★★★	★★★★
Sony	HVR-Z5	3CMOS 1/3" 1.03MP	Sony 29-590mm 20X	1.5LUX	1080 50i 1440x1080	HDV 25Mbps	4:2:0 8bit	HDV Cassette -SD Card	HDMI, CVBS	2x XLR 3pin		★	★★★★	★★
Panasonic	AG-HPX171	3CCD 1/3" 1.03MP	Leica 28-368mm 13X	3LUX	1080 50i 1440x1080	DVCPRO100 100Mbps	4:2:2 8bit	2x P2 Cards	SDI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★	★★	★★
JVC	GY-HM600	3MOS 12bit 1/3" 2.2MP	Fujinon 29-667mm 23X	0.15LUX Low Lux	1080 50P 1920x1080	MPEG-2/AVCHD 35Mbps	4:2:0 8bit	2 SD Cards - Backup	SDI, HDMI, CVBS	2x XLR 3pin	MOV/MP4-TimeLapse-ND-PreRec	★★★★	★★★	★★★★
Panasonic	AG-AC160	3MOS 1/3" 2.2MP	Panasonic 28-616mm 22X	0.4LUX	1080 50P 1920x1080	AVCHD 28Mbps	4:2:0 8bit	2 SD Cards - Backup	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★	★★★	★★★
Panasonic	AG-AF101	MOS 4/3" 12.4MP	Micro 4/3"	Sensitive	1080 50P 1920x1080	AVCHD 28Mbps	4:2:0 8bit	SD Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★★	★★★	★★★★
JVC	GY-HMQ10	1CMOS 1/2" 8.3MP	Fujinon 42-424mm 10X	0.9LUX Low Lux	4K 50P/60P	AVCHD 144Mbps	4:2:0 8bit	4 SD Cards	4x HDMI	2x XLR 3pin		★★★	★★★	★★★
Sony	NEX-FS100EK	1CMOS S35 3.3MP	Sony 28-320mm 11X	0.28LUX	1080 50P 1920x1080	AVCHD 28Mbps	4:2:0 8bit	SD Cards	HDMI, CVBS	2x XLR 3pin		★★★	★★★	★★★
Panasonic	AG-HPX250	3MOS 1/3" 2.2MP	Panasonic 28-616mm 22X	0.2LUX	1080 50i 1920x1080	AVC-Intra100 100Mbps	4:2:2 10bit	2x P2 Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★★★	★★	★★★★
Sony	PMW-150	3CMOS 1/3" 2.07MP	Sony 29-590mm 20X	0.1LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x SxS Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - ND	★★★★	★★★	★★★★
JVC	GY-HM650	3MOS 12bit 1/3" 2.2MP	Fujinon 29-667mm 23X	0.15LUX Low Lux	1080 50P 1920x1080	MPEG-2/AVCHD 35Mbps	4:2:0 8bit	2 SD Cards - Backup	SDI, HDMI, CVBS	2x XLR 3pin	Stream-MOV/MP4/MXF-TimeLapse-PreRec-ND	★★★★★	★★★	★★★★★
JVC	GY-HM750	3CCD 1/3" 1.03MP	Canon 32-448mm 14X	1.25LUX	1080 50i 1920x1080	MPEG-2 35Mbps	4:2:0 8bit	2 SD Cards - Backup	SDI, CVBS	2x XLR 3pin	Shoulder Camera - ND Filters -PreRec	★★★	★★★	★★★
> 5.000€														
Sony	HVR-Z7	3CMOS 1/3" 1.03MP	Zeiss 32-384mm 12X	1.5LUX	1080 50i 1440x1080	HDV 25Mbps	4:2:0 8bit	HDV Cassette -SD Card	HDMI, CVBS	2x XLR 3pin	ND Filters	★	★★★★	★★
Canon	XF300	3CMOS 1/3" 2.07MP	Canon 29-527mm 18X	0.8LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x CF Cards - Backup	HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★	★★★	★★★
Sony	PMW-200	3CMOS 1/2" 2.07MP	Fujinon 31-439mm 14X	0.1LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x SxS Cards	SDI, CVBS	2x XLR 3pin	TimeLapse - ND	★★★★	★★★	★★★★
Sony	PMW-EX3	3CMOS 1/2" 2.07MP	Fujinon 31-439mm 14X	0.14LUX	1080 50i 1920x1080	MPEG-2 35Mbps	4:2:0 8bit	2x SxS Cards	SDI, CVBS	2x XLR 3pin	TimeLapse - ND	★★★	★★★	★★★
Canon	XF305	3CMOS 1/3" 2.07MP	Canon 29-527mm 18X	0.8LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x CF Cards - Backup	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★	★★★	★★★

Sony	HVR-S270	3CMOS 1/3" 1.03MP	Zeiss 32-384mm 12X	1.5LUX	1080 50i 1440x1080	HDV 25Mbps	4:2:0 8bit	HDV Cassette -SD Card	HDMI, CVBS	2x XLR 3pin	ND Filters, Shoulder Camera	★	★★★	★★★
Sony	NEX-FS700EK	1CMOS S35 8.3MP	Sony 30-340mm 11X	1.2LUX	1080 50P 1920x1080	AVCHD 28Mbps	4:2:0 8bit	SD Cards	3GSDI,HDMI,CVBS	2x XLR 3pin	Slow motion up to 800fps, ND Filters	★★★★	★★★★	★★★★
JVC	GY-HM790	3CCD 1/3" 1.03MP	Canon 32-448mm 14X	1.25LUX	1080 50i 1920x1080	MPEG-2 35Mbps	4:2:0 8bit	2 SD Cards - Backup	SDI, CVBS	2x XLR 3pin	Shoulder Camera-ND Filters-PreRec-Studio	★★★★	★★★★	★★★★
Panasonic	AG-HPX371	3MOS 1/3" 2.2MP	Fujinon 32-549mm 17X	0.4LUX	1080 50i 1920x1080	AVC-Intra100 100Mbps	4:2:2 10bit	2x P2 Cards	SDI, CVBS	2x XLR 3pin	TimeLapse -PreRec-ND-Shoulder Camera	★★★★★	★★★	★★★★
Sony	PMW-320K	3CMOS 1/2" 2.07MP	Fujinon 31-503mm 16X	0.05LUX	1080 50i 1920x1080	MPEG-2 35Mbps	4:2:0 8bit	2x SxS Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - ND - Shoulder Camera	★★★★★	★★★	★★★★

> 10.000€

Panasonic	AG-HPX500	3CCD 2/3" 1.03MP	Fujinon 29-538 18X	0.032LUX	1080 50i 1920x1080	AVC-Intra100 100Mbps	4:2:2 10bit	4x P2 Cards	SDI, CVBS	2x XLR 3pin	ND Filters - Studio Functions	★★★★	★★★★	★★★★
Sony	PMW-350K	3CMOS 2/3" 2.07MP	Fujinon 31-503mm 16X	0.003LUX	1080 50i 1920x1080	MPEG-2 35Mbps	4:2:0 8bit	2x SxS Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - ND Filters - Studio Functions	★★★	★★★★★	★★★★
Canon	C300	CMOS S35 8.29MP	PL Mount or EF Canon	Sensitive	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	CF Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND	★★★★	★★★★★	★★★★
Sony	PMW-F3K	1CMOS S35 2.07MP	Sony 35-50-85mm PL	Sensitive	1080 50i 1920x1080	MPEG-2 35Mbps	4:2:0 8bit	2x SxS Cards	SDI Dual,HDMI,CVBS	2x XLR 3pin	ND Filters - TimeLapse	★★★★	★★★★★	★★★★
Panasonic	AG-HPX600	1CMOS 2/3" 2.07MP	2/3" Mount	Sensitive - F13	1080 50P 1920x1080	AVC-Ultra 200 200Mbps	4:2:2 10bit	2x P2 Cards	SDI, HDMI, CVBS	2x XLR 3pin	TimeLapse - PreRec - ND - Studio Functions	★★★★★	★★★★	★★★★
Sony	PMW-F5	1CMOS S35 8.9MP	FZ/PL Mount	Sensitive-14 Stops	2K 50P/60P	MPEG-2 50Mbps	4:2:2 8bit	2x SxS Cards	SDI Dual,HDMI,CVBS	2x XLR 3pin	TimeLapse - PreRec - ND - Studio Functions	★★★★★	★★★★	★★★★★
Sony	PMW-500	3CCD 2/3" 2.2MP	2/3" Mount	0.016LUX	1080 50i 1920x1080	MPEG-2 50Mbps	4:2:2 8bit	2x SxS Cards	SDI, CVBS	2x XLR 3pin	TimeLapse - ND - Studio Functions	★★★★	★★★★	★★★★

> 20.000€

Panasonic	AJ-HPX3700	3CCD 2/3" 2.2MP	2/3" Mount	0.042LUX	1080 50i 1920x1080	AVC-Intra100 100Mbps	4:2:2 10bit	5x P2 Cards	SDI Dual 4:4:4 ,CVBS	2x XLR 3pin	TimeLapse - PreRec - ND - Studio Functions	★★★	★★★★★	★★★★
Sony	PMW-F55	1CMOS S35 8.9MP	FZ/PL Mount	Sensitive-14Stops	4K 50P/60P	MPEG-2 50Mbps	4:2:2 8bit	2x SxS Cards	SDI Quad 4K,HDMI	2x XLR 3pin	Slow 180fps@1080p-TimeLapse-PreRec-ND	★★★★	★★★★★	★★★★
RED	SCARLET	< APS-H 14MP	PL, Canon EF Mount	Sensitive-18 Stops	5K 12P - 4K 30P	RAW 5.5Gbps R3D/ProRes	16 bit Linear	SSD	3GSDI,HDMI	4 Channels AES	Slow motion 120fps@1K-TimeLapse	★★★★★	★★★★	★★★★
RED	RED EPIC	< APS-H 14MP	PL,Canon,Nikon, Leica	Sensitive-18 Stops	5K 120P/60P/50P	RAW 5.5Gbps R3D/ProRes	16 bit Linear	SSD	SDI 2K ,HDMI	4 Channels AES	Slow motion 300fps@2K-TimeLapse	★★★★★	★★★★	★★★★★
Sony	F65	1CMOS S35 20MP	PL Mount	Sensitive-14 Stops	4K 50P/60P	RAW up to 5.5Gbps DPX	16 bit Linear	Flash Media	SDI Dual	5pin Lemo	Slow motion 120fps-TimeLapse	★★★★★	★★★	★★★★
Arri	Alexa	1CMOS S35 7.4MP	ELM / PL Mount	Sensitive-14 Stops	2K 2880x1620 50P/60P	RAW 3.3Gbps Ari/ProRes	12 bit Linear	Arri Recorder/ SxS	SDI 2K, 3GSDI	5PIN XLR	Slow Motion 120fps-TimeLapse	★★★★★	★★★	★★★★
Phantom	HD GOLD	>S35 14MP	PL / Nikon Mount	Sensitive	2K 555fps / HD 1052fps	RAW / MXF up to 28Gbps	14bit Linear	Internal RAM / Cinemag	HDSDI 422, CVBS		Slow Motion 1052fps HD - 2213fps 512x512	★★★★★	★	★★★★

