

Digital Back Comparison Sheet--Single Shot Backs

	5kx4k (22 MP)							
	Hasselblad	Hasselblad	Jenoptik	Leaf	Leaf	Phase One	Phase One	Sinar
	H1D	Ixpress 132C	Eyelike eMotion22	Valeo 22 Wi	Aptus 22	H25	P25	54M
Price USD \$	\$21,995	\$23,995	\$27,995* tentative	\$23,495	\$29,995	\$22,990	\$29,990	\$14,900
Availability	current	Current	Jan. 2005	Current	Feb. 2005	Current	Current	Current
Resolution								
Sensor	5x4k	5x4k	5x4k	5x4k	5x4k	5x4k	5x4k	5x4k
Positioning (Port/Land)	Yes	Yes	Yes	NA	NA	NA	NA	NA
Single Shot	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi Shot	No	No	No	No	No	No	No	No
Single raw file size	50.8MB	50.8MB		41MB	42MB	41MB	25MB	41MB
8-bit RGB/CMYK	66MB/	66MB/	62MB/	63/84MB	63/84MB	65MB/	65MB/	65MB/
12/14-bit RGB/CMYK								
16-Bit RGB/CMYK	132MB/	132MB/	124MB/	126MB/168MB	126MB/168MB	130MB/173MB	130MB/173MB	130MB/
Dynamic Range								
Dynamic Range	12 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop	11 f/stop
A/D Converter *	16-bit	16-bit	16-bit	16-bit HDR	16-bit HDR	16-bit	16-bit	14-bit
Cooling	Active Vent	Active Vent	Active Vent	Active Vents	Active Vents	Sleeping Arch.	NA	Thermoelectric
Max shutter speed	32s - 1/1000	32s - 1/1000	32s - 1/1000	32 sec.	32 sec.	32 sec. - 1/10,000	NA. - 1/10,000	32s - 1/4000
Color Quality								
Color capture	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD
USM tool	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CMYK tool	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Camera Compatibility								
Hasselblad H1	Yes	Yes	Pending	Yes	Not CE Cetified	No	Not CE Cetified	Not CE Cetified
Hasselblad 555 ELD	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hasselblad 553 ELX	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
503CW w/ CW winder	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
503CW, 501CM, 501C	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
500CM	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FlexBody	No	Yes	Yes	No	No	Yes	Yes	Yes
ArcBody	No	Yes	Yes	No	No	No	No	Yes
905SWC	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
203FE	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
205FCC	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Live video software	No	Yes	Yes	Yes	Yes	NA	NA	Yes
Live video LC shutter	No	No	No	Yes	Yes	NA	NA	No
Software								
Mac	OS 9/X	OS 9/X	OS 9.0+, OSX	OS X (10.2.x)	OS X (10.2.x)	OS X	OS X	OS 9/X
PC	98SE/Me/2000/XP	98SE/Me/2000/XP	NA	TBA	TBA	98SE/Me/2000/XP	98SE/Me/2000/XP	Yes
Capture software	Mac 3.9.4/Win 3.9.4	Mac 3.9.4/Win 3.9.4	Capture Pro 4.3.3 or Capture Basic	Leaf Capture 8.3.2	Leaf Capture 8.3.2	C1 Pro 3.6.1, DB	C1 Pro 3.6.1, DB	CaptureShop 5.0
CMYK software	Mac 3.9.4/Win 3.9.4	Mac 3.9.4/Win 3.9.4	Capture Pro 4.3.3	Leaf Capture 8.3.2	Leaf Capture 8.3.2	C1 Pro 3.6.1, DB	C1 Pro 3.6.1, DB	CaptureShop 5.0
ISO	50-400	50-400	50, 100, 200	25-200	25-400	50-400	50-800	25-100
Capture Rate	2 sec	2 sec	1.2 sec.	1.2-1.5 sec.	1.2-1.5 sec.	1.8 sec.	1.7 sec.	2.5 sec.
Handling								
Firewire	Yes	Yes	Yes	Yes	Yes	Yes + card	Yes + card	Yes
Color LCD Display on Back	2"	2"	2.2"	No	3.5" Touch screen GUI	No	2.2"	No
Portability	Image Bank Storage for 850 Images	Image Bank Storage for 850 Images	CF Card Type I or II Internal Memory	DP-67/ LDM	DP-67/ 20 Gb LDM CF Card type II Standard High Volume portable Firewire Disk	Sony Vaio	CF Card Type II	Action Module

* (analog to digital converter)

Digital Back Comparison Sheet--Single Shot Backs

	17MP		4kx4k (16 MP)				
	Leaf	Leaf	Hasselblad	Hasselblad	Megavision	Phase One	Phase One
	Valeo 17 Wi	Aptus 17	Ixpress V96C	Ixpress 96C	S4	H20	P20
Price USD \$	\$15,995	\$18,995	\$9,795	\$12,995	\$14,990	\$13,990	\$16,990
Availability	Current	Feb. 2005	Current	Current	Special Order	Current	Current
Resolution							
Sensor	3.5x4.7k	3.5x4.7k	4x4k	4x4k	4x4k	4x4k	4x4k
Positioning (Port/Land)	NA	NA	No	No	No	No	No
Single Shot	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi Shot	No	No	No	No	No	No	No
Single raw file size	32MB	33MB	40MB	40MB	20MB	20MB	20MB
8-bit RGB/CMYK	48/65MB	48/65MB	96MB/128MB	96MB/128MB	48MB/64MB	48MB/64MB	48MB/64MB
12/14-bit RGB/CMYK					96MB/128MB		
16-Bit RGB/CMYK	99MB/	99MB/	96MB/128MB	96MB/128MB		96MB/128MB	96MB/128MB
Dynamic Range							
Dynamic Range	12 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop
A/D Converter *	16-bit HDR	16-bit HDR	16-bit	16-bit	12-bit	16-bit	16-bit
Cooling	None	None	Active Vent	Active Vent	No	Sleeping Arch.	NA
Max shutter speed	32 sec.	32 sec.	32s - 1/1000	32s - 1/1000	8s - 1/4000	16s - 1/1,000	16s - 1/10,000
Color Quality							
Color capture	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD
USM tool	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CMYK tool	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Camera Compatibility							
Hasselblad H1	Yes	<i>Not CE Cetified</i>	No	Yes	No	No	<i>Not CE Cetified</i>
Hasselblad 555 ELD	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hasselblad 553 ELX	Yes	Yes	Yes	Yes	Yes	Yes	Yes
503CW w/ CW winder	Yes	Yes	Yes	Yes	Yes	Yes	Yes
503CW, 501CM, 501C	Yes	Yes	Yes	Yes	Yes	Yes	Yes
500CM	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FlexBody	No	No	Yes	Yes	Yes	Yes	Yes
ArcBody	No	No	Yes	Yes	Yes	Yes	Yes
905SWC	Yes	Yes	Yes	Yes	No	Yes	Yes
203FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes
205FCC	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Live video software	Yes	Yes	Yes	Yes	No	No	No
Live video LC shutter	Yes	Yes	No	No	No	No	No
Software							
Mac	OS X (10.2.x)	OS X (10.2.x)	OS 9/X	OS 9/X	Yes	OS 9/X	OS X
PC	TBA	TBA	98SE/Me/2000/XP	98SE/Me/2000/XP	Yes	98SE/Me/2000/XP	98SE/Me/2000/XP
Capture software	Leaf Capture 8.3.2	Leaf Capture 8.3.2	Mac 3.9.4/Win 3.9.4	Mac 3.9.4/Win 3.9.4	PhotoShoot 3.6.2	C1 Pro 3.6.1, DB	C1 Pro 3.6.1, DB
CMYK software	Leaf Capture 8.3.2	Leaf Capture 8.3.2	Mac 3.9.4/Win 3.9.4	Mac 3.9.4/Win 3.9.4	PhotoBatch	C1 Pro 3.6.1, DB	C1 Pro 3.6.1, DB
ISO	25-200	25-400	50-400	50-400	100	50- 100	50- 100
Capture Rate	1.2-1.5 sec.	1.2-1.5 sec.	2 sec	2 sec	5 sec.	3 sec.	1.7 sec.
Handling							
Firewire	Yes	Yes	Yes	Yes	Yes + card	Yes	Yes
Color LCD Display on Back	No	3.5" Touch screen GUI	2"	2"	No	No	2.2"
Portability	DP-67/ LDM	DP-67/ 20 Gb LDM CF Card type II Standard High Volume portable Firewire Disk	Image Bank Storage for 1150 Images	Image Bank Storage for 1150 Images	BatPac	Sony Vaio	CF Card Type II

Digital Back Comparison Sheet--Single Shot Backs

	4kx2.7k (11 MP)						
	Leaf	Megavision	Megavision	Mosaic Imaging	Phase One	Phase One	Sinar
	Valeo 11	S427	FB-427	Luma II	H101	H10	43S
Price USD \$	\$13,500	\$13,990	\$8,000	\$15,995	\$10,990	\$10,990	\$18,900
Availability	Current	Current	Est. 2004	Current	Current	Current	Current
Resolution							
Sensor	4x2.7k	4x2.7k	4x2.7k	4x2.7k	4x2.7k	4x2.7k	4x2.7k
Positioning (Port/Land)	Manual	Manual	Rotating	Manual	Auto Rotation	Manual	Manual
Single Shot	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi Shot	No	No	No	No	No	No	No
Single raw file size	31MB				23.7MB	20MB	NA
8-bit RGB/CMYK	31/42MB	32MB	32MB	31MB	32MB/	32MB/	32/64MB
12/14-bit RGB/CMYK		32MB/40MB	32MB/40MB	31MB/			
16-Bit RGB/CMYK	64MB/				60.7MB/85MB	60.7MB/85MB	64MB/
Dynamic Range							
Dynamic Range	12 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop	11 f/stop	11 f/stop
A/D Converter *	16-bit HDR	12-bit	12-bit	14-bit	16-bit	16-bit	14-bit
Cooling	None	No	No	Thermal Control	None	Sleeping Arch.	Thermoelectric
Max shutter speed	n/a	8s - 1/4000	8s - 1/4000	3min, - unrestricted	8s - 1/1,000	16s - 1/1,000	32s - 1/4000
Color Quality							
Color capture	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD
USM tool	Yes	Yes	Yes	No	Yes	Yes	Yes
CMYK tool	Yes	Yes	Yes	No	Yes	Yes	Yes
Camera Compatibility							
Hasselblad H1	No	No	No	No	Yes	No	No
Hasselblad 555 ELD	Yes	Yes	Yes	Yes	No	Yes	Yes
Hasselblad 553 ELX	Yes	Yes	Yes	Yes	No	Yes	Yes
503CW w/ CW winder	Yes	Yes	Yes	Yes	No	Yes	Yes
503CW, 501CM, 501C	Yes	Yes	Yes	Yes	No	Yes	Yes
500CM	Yes	Yes	Yes	Yes	No	Yes	Yes
FlexBody	No	Yes	Yes	No	No	Yes	Yes
ArcBody	No	Yes	Yes	No	No	Yes	Yes
905SWC	Yes	No	No	No	No	Yes	Yes
203FE	Yes	Yes	Yes	No	No	Yes	Yes
205FCC	Yes	Yes	Yes	No	No	Yes	Yes
Live video software	Yes	No	No	Yes	No	No	Yes
Live video LC shutter	Yes	No	No	No	No	No	NA
Software							
Mac	OS 9.2.2 - OS X	Yes	Yes	OS 8.5 + (no OSX)	OS 9.1/X	OS 9/X	OS 9/X
PC	TBA	Win 2000/XP	Win 2k, XP	No	98SE/Me/2000/XP	98SE/Me/2000/XP	No
Capture software	Leaf Capture 8.3.2	PhotoShoot 3.6.2	PhotoShoot 3.6.2	Luma Studio 1.7	C1 Pro 3.6.1, DB	C1 Pro 3.6.1, DB	CaptureShop 5.0
CMYK software	Leaf Capture 8.3.2	Photo Batch	Photo Batch	No	C1 Pro 3.6.1, DB	C1 Pro 3.6.1, DB	CaptureShop 5.0
ISO	25-200	100-200	100-200	25 - 200	50-400	50-400	32-100
Capture Rate	1.3 fps	2.0 sec.	1.5 sec.	2.5sec.	1.8 sec.	1.8 sec.	2 sec.
Handling							
Firewire	Yes	Yes+card	Yes+card	Yes	Yes+card	Yes+card	Yes+card
Color LCD Display on Back	No	No	No	No	No	No	No
Portability	DP-67/ LDM	BatPac	BatPac	No	Sony Vaio	Sony Vaio	Cyber Kit

Digital Back Comparison Sheet--Single Shot Backs

	3x2K (6MP)				
	Leaf	Megavision	Megavision	Mosaic Imaging	Phase One
	Valeo 6	S3 Pro	FB-32	Luma	H5
Price USD \$	\$5,999	\$12,990	\$7,000	\$ 13,995.00	\$7,990
Availability	Current	Current	Est. 2004	Current	Current
Resolution					
Sensor	2x3k	2x3k	2x3k	2x3k	2x3k
Positioning (Port/Land)	Manual	Manual	Rotating	Manual	Manual
Single Shot	Yes	Yes	Yes	Yes	Yes
Multi Shot	No	No	No	No	No
Single raw file size	12MB	12MB	12MB	12MB	12MB
8-bit RGB/CMYK					18MB/
12/14-bit RGB/CMYK	18/25MB	18MB/24MB	18MB/24MB	18MB/	
16-Bit RGB/CMYK	38MB				
Dynamic Range					
Dynamic Range	11 f/stop	12 f/stop	12 f/stop	12 f/stop	12 f/stop
A/D Converter *	HDR 14-bit	12-bit	12-bit	14-bit	8-bit
Cooling	None	No	No	Thermal Control	Sleeping Arch.
Max shutter speed	n/a	8s - 1/4000	8s - 1/4000	3min, - unrestricted	16s-1/1000
Color Quality					
Color capture	Mosaic CMOS	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD
USM tool	Yes	Yes	Yes	No	Yes
CMYK tool	Yes	Yes	Yes	No	Yes
Camera Compatibility					
Hasselblad H1	No	No	No	No	No
Hasselblad 555 ELD	Yes	Yes	Yes	Yes	Yes
Hasselblad 553 ELX	Yes	Yes	Yes	Yes	Yes
503CW w/ CW winder	Yes	Yes	Yes	Yes	Yes
503CW, 501CM, 501C	Yes	Yes	Yes	Yes	Yes
500CM	Yes	Yes	Yes	Yes	Yes
FlexBody	No	Yes	Yes	No	Yes
ArcBody	No	Yes	Yes	No	Yes
905SWC	Yes	No	No	No	Yes
203FE	No	Yes	Yes	No	Yes
205FCC	No	Yes	Yes	No	Yes
Live video software	Yes	No	No	Yes	No
Live video LC shutter	Yes	No	No	No	No
Software					
Mac	OS 9.2.2 - OS X	OS 9.2 - OS X	OS 9.2 - OS X	Yes	Yes
PC	TBA	Yes	Win 2k, XP	No	Yes
Capture software	Leaf Capture 8.3.2	PhotoShoot 3.6.2	PhotoShoot 3.6.2	Luma Studio 1.7	C1 Pro 3.6.1, DB
CMYK software	Leaf Capture 8.3.2	Photo Batch	Photo Batch	No	C1 Pro 3.6.1, DB
ISO	125-250	100 - 400	100 - 200	25 - 200	100
Capture Rate	1.3 fps	1 - 1.2 sec.	1 - 1.2 sec.	1.5sec.	1.5 sec.
Handling					
Firewire	Firewire	Yes+card	Yes+card	Yes+card	Yes+card
Color LCD Display on Back	No	No	No	No	No
Portability	DP-67/ LDM	BatPac	BatPac	No	Sony Vaio

Digital Back Comparison Sheet: Multi-Shot Backs

	5kx4k (22 MP)			4x4k (16MP)	
	Jenoptik Eyelike MF Precision M22	Hasselblad Iexpress 528C	Sinar 54H	Hasselblad Iexpress 384C	Jenoptik Eyelike MF Precision M16
Price in USD \$ ->	\$23,995	\$29,995	\$27,900	\$17,995	\$16,995
Availability	Current	Current	Current	Current	Current
Resolution					
Sensor	5x4k	5x4k	5x4k	4x4k	4x4k
Positioning (Port/Land)	NA	NA	NA	No	No
Single Shot	Yes	Yes	Yes	Yes	Yes
Multi Shot	1, 4-shot	1, 4, 16 shot	1, 4, 16 shot	1, 4, 16-shot	1+, 4, 16-shot
Micro Scan	Yes	Yes	NA	Yes	Yes
Single raw file size		58.4MB	NA	40MB	20MB
8-bit RGB/CMYK	65/130MB	66MB/	65/130MB	48/96MB	48/96MB
12/14-bit RGB/CMYK					
16-Bit RGB/CMYK	132MB/	132MB/	130MB/	96MB/	96MB/
Dynamic Range					
Dynamic Range	14 f/stop	12 f/stop	11 f/stop	12 f/stop	14 f/stop
A/D Converter	16-bit	16-bit	14-bit	16-bit	14-bit
Cooling	Peltier Cooled	Active Vent	Thermoelectric	Active Vent	Peltier Cooled
Max shutter speed	32s - 1/1000	32s - 1/1000	32s - 1/4000	32s - 1/1000	32s - 1/1000
Color Quality					
Color capture	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD
USM tool	Yes	Yes	Yes	Yes	Yes
CMYK tool	Yes	Yes	Yes	Yes	Yes
Camera Compatibility					
Hasselblad H1	Yes	Yes	No	Yes	No
Hasselblad 555 ELD	Yes	Yes	Yes	Yes	Yes
Hasselblad 553 ELX	Yes	Yes	Yes	Yes	Yes
503CW w/ CW winder	Yes	Yes	Yes	Yes	Yes
503CW, 501CM, 501C	Yes	Yes	Yes	Yes	Yes
500CM	Yes	Yes	Yes	Yes	Yes
FlexBody	Yes	Yes	Yes	Yes	Yes
ArcBody	Yes	Yes	Yes	Yes	Yes
905SWC	Yes	Yes	Yes	Yes	Yes
203FE	Yes	Yes	Yes	Yes	Yes
205FCC	Yes	Yes	Yes	Yes	Yes
Live video software	Yes	Yes	Yes	Yes	Yes
Live video LC shutter	No	No	Yes	No	No
Software					
Mac	OS 9.0+, OSX	OS 9/X	OS 9/X	OS 9/X	OS 9.0+, OSX
PC	NA	98SE/Me/2000/XP	No	98SE/Me/2000/XP	NA
Capture software	Capture Pro 4.3.3 or Capture Basic	Mac 3.9.4/Win 3.9.4	CaptureShop 5.0	Mac 3.9.4/Win 3.9.4	Capture Pro 4.3.3 or Capture Basic
CMYK software	Capture Pro 4.3.3	Mac 3.9.4/Win 3.9.4	CaptureShop 5.0	Mac 3.9.4/Win 3.9.4	Capture Pro 4.3.3
ISO	100	50-400	NA	50-400	100
Capture Rate	2.4s	2 sec	NA	1.5sec	1.8 sec.
Handling					
Firewire	Yes	Yes	Yes+card	Yes	Firewire
LCD Display on Back	No	2"	No	2"	No
Portability	Yes	Image Bank Storage for 850 Images	Cyber Kit	Image Bank Storage for 1150 Images	Yes

Digital Back Comparison Sheet: Multi-Shot Backs

	4kx2.7k (11 MP)		3x2K (6MP)		
	Jenoptik	Sinar	Jenoptik	Leaf	Leaf
	Eyelike MF Precision M11	43H	Eyelike MF Precision M6	Cantare XY	Volare
Price in USD \$ ->	\$15,995	\$23,900	\$8,450	\$18,900	\$18,900
Availability	Current	Current	Current	Current	Current
Resolution					
Sensor	2x3k	4x2.7k	2x3k	2x3k	2x3k
Positioning (Port/Land)	Manual	Manual	Manual	VH Twist	VH Twist
Single Shot	Yes	Yes	Yes	Yes	No
Multi Shot	1+, 4, 16-shot	Yes	1+, 4, 16-shot	1, 2, 3-shot	3-shot
Micro Scan	Yes	NA	Yes	No	No
Single raw file size			12MB	13MB	13MB
8-bit RGB/CMYK	31MB/			18MB/36MB	18MB/36MB
12/14-bit RGB/CMYK	60.4 MB/	64MB/	18MB/36MB	39MB/	39MB/
16-Bit RGB/CMYK					
Dynamic Range					
Dynamic Range	14 f/stop	11 f/stop	14 f/stop	12 f/stop	12 f/stop
A/D Converter	14-bit	14-bit	14-bit	14-bit HDR	14-bit
Cooling	Peltier Cooled	Thermoelectric	Peltier Cooled	Peltier	Peltier
Max shutter speed	32s - 1/1000	32s - 1/4000	32s - 1/1000	32sec - 1/000	32sec - 1/000
Color Quality					
Color capture	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Filter wheel
USM tool	Yes	Yes	Yes	Yes	Yes
CMYK tool	Yes	Yes	Yes	Yes	Yes
Camera Compatibility					
Hasselblad H1	No	No	No	No	No
Hasselblad 555 ELD	Yes	Yes	Yes	Yes	Yes
Hasselblad 553 ELX	Yes	Yes	Yes	Yes	Yes
503CW w/ CW winder	Yes	Yes	Yes	Yes	Yes
503CW, 501CM, 501C	Yes	Yes	Yes	Yes	No
500CM	Yes	Yes	Yes	Yes	No
FlexBody	Yes	Yes	Yes	No	No
ArcBody	Yes	Yes	Yes	No	No
905SWC	Yes	Yes	Yes	Yes	No
203FE	Yes	Yes	Yes	No	No
205FCC	Yes	Yes	Yes	No	No
Live video software	Yes	NA	Yes	Yes	No
Live video LC shutter	No	No	No	Yes	Yes
Software					
Mac	OS 9.0+, OSX	OS 9/X	OS 9.0+, OSX	OS 9.2.2 - OS X	OS 9.2.2 - OS X
PC	NA	No	NA	TBA	TBA
Capture software	Capture Pro 4.3.3 or Capture Basic	CaptureShop 5.0	Capture Pro 4.3.3 or Capture Basic	Leaf Capture 8.3.2	Leaf Capture 8.3.2
CMYK software	Capture Pro 4.3.3	CaptureShop 5.0	Capture Pro 4.3.3	Leaf Capture 8.3.2	Leaf Capture 8.3.2
ISO	64	32-100	100	50-100	25-100
Capture Rate	1.4 - 2 sec.	2 sec.	.08 - 1 sec.	1.3sec	1.3sec
Handling					
Firewire	Yes	Yes+card	Yes	NA	NA
LCD Display on Back	No	No	No	No	No
Portability	Yes	Cyber Kit	Yes	Yes	Yes

Digital Back Comparison Sheet--Single Shot Backs - DISCONTINUED

	5kx4k	4kx4k (16MP)			6MP	
	Sinar	Imacon	Kodak	Kodak	Leaf	Imacon
	54S	FlexFrame 4040	Pro Back Plus	Pro Back 645H	Cantare	FlexFrame 3020
Price USD \$	\$24,900	\$19,995	\$14,995	\$11,995	\$15,900	\$12,995
Availability	Discontinued	Discontinued	Discontinued	Discontinued	Discontinued	Discontinued
Resolution						
Sensor	5x4k	4x4k	4x4k	4x4k	2x3k	2x3k
Positioning (Port/Land)	NA	No	No	No	VH Twist	Manual
Single Shot	Yes	Yes	Yes	Yes	Yes	Yes
Multi Shot	No	4-shot, 16 shot	No	No	No	Upgrade
Single raw file size	41MB	20MB	20MB	20MB	13MB	12MB
8-bit RGB/CMYK	65MB	48/96MB	48MB/64MB	48MB/64MB		
12/14-bit RGB/CMYK			96MB/128MB	96MB/128MB	39MB	
16-Bit RGB/CMYK	130MB	96MB				18MB/36MB
Dynamic Range						
Dynamic Range	11 f/stop	12 f/stop	11.6 f/stop	11.6 f/stop	12 f/stop	12 f/stop
A/D Converter *	14-bit	16-bit	12-bit	12-bit	14-bit HDR	16-bit
Cooling	Thermoelectric	Active Vent	Passive	Passive	Active Cool	Active Vent
Max shutter speed	32s - 1/4000	30s - 1/1000	20s - 1/1000	20s - 1/1000	32sec - 1/000	30s - 1/1000
Color Quality						
Color capture	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD	Mosaic CCD
USM tool	Yes	Yes	Yes	Yes	Yes	Yes
CMYK tool	Yes	Yes	Yes	Yes	Yes	Yes
Camera Compatibility						
Hasselblad H1	No	No	No	Yes	No	No
Hasselblad 555 ELD	Yes	Yes	Yes	No	Yes	Yes
Hasselblad 553 ELX	Yes	Yes	Yes	No	Yes	Yes
503CW w/ CW winder	Yes	Yes	Yes	No	Yes	Yes
503CW, 501CM, 501C	Yes	No	Yes	No	Yes	No
500CM	Yes	No	Yes	No	Yes	No
FlexBody	Yes	No	Yes	No	No	No
ArcBody	Yes	No	No	No	No	No
905SWC	Yes	No	No	No	Yes	No
203FE	Yes	No	No	No	No	No
205FCC	Yes	No	No	No	No	No
Live video software	Yes	Yes	No	No	Yes	Yes
Live video LC shutter	No	No	No	No	Yes	No
Software						
Mac	OS 9/X	Yes	Yes	Yes	OS 9.2.2 - OS X	Yes
PC	No	Yes	Yes	Yes	No	Yes
Capture software	CaptureShop 5.0	Mac 3.9.4/Win 3.9.4	DCS Photo Studio 4.1 DCS Capture Studio 2.0	DCS Photo Studio 4.1 DCS Capture Studio 2.0	Leaf Capture 8.3.2	Mac 3.9.4/Win 3.9.4
CMYK software	CaptureShop 5.0	Mac 3.9.4/Win 3.9.4	DCS Capture Studio	DCS Capture Studio	Color Shop	Mac 3.9.4/Win 3.9.4
ISO	32-100	50-100	100	100-400	125-250	50
Capture Rate	3-4 sec.	3sec	2sec.	1.63sec.	1.3 sec	2 sec
Handling						
Firewire	Yes	Yes	Yes	Yes	No	Yes
LCD Display on Back	No	No	2"	2"	No	No
Portability	Cyber Kit	No	Untethered	Untethered	Yes	No

Hasselblad Camera Models and Digital Backs Compatibility

Manufacturer	Model	H1	500CM 501CM 503CW	503CW w/ Winder CW	5xx ELM ELX	EL 555 ELD	FlexBody*	203 FE 205FCC with C type Lenses	203 FE 205FCC with F type Lenses	905 SWC
Hasselblad	FlexFrame 3020 *			*1	*1	X				
Hasselblad	FlexFrame 4040 *			*1	*1	X				
Hasselblad	Ixpress 96C	X	X	X	X	*8	X	X	*2	X
Hasselblad	Ixpress 384C	X	X	X	X	*8	X	X	*2	X
Hasselblad	Ixpress 132C	X	X	X	X	*8	X	X	*2	X
Hasselblad	Ixpress 528C	X	X	X	X	*8	X	X	*2	X
Hasselblad	H1D	X								
Jenoptik	Eyelike Precision MF M6		X	X	X	X	*3	*3		*3
Jenoptik	Eyelike Precision MF M11		X	X	X	X	*3	*3		*3
Jenoptik	Eyelike Precision MF M16		X	X	X	X	*3	*3		*3
Jenoptik	Eyelike Precision MF M22	X	X	X	X	X	*3	*3		*3
Jenoptik	Eyelike eMotion22	X	X	X	X	X	X	X	X	X
Kodak	Pro Back 645H *	X								
Kodak	Pro Back DCS Plus *		*4	*5	X	X	*12			
Leaf	Cantare *		X	X	X	X		*11		X
Leaf	Cantare XY		X	X	X	*6		*11		X
Leaf	Volare			X	*6	*6				
Leaf	Valeo 6		X	X	X	*8		*11		X
Leaf	Valeo 11		X	X	X	*8		*11		X
Leaf	Valeo 17 WiFi	X	X	X	X	*8		*11		X
Leaf	Valeo 22 WiFi	X	X	X	X	*8		*11		X
Leaf	Aptus 17	X	X	X	X	*8		*11		X
Leaf	Aptus 22	X	X	X	X	*8		*11		X
Megavision	FB-32 TBA		X	X	X	X		*7	*7	
Megavision	S427		X	X	X	X		*7	*7	
Megavision	FB-427 TBA		X	X	X	X		*7	*7	
Megavision	S4 (Special Order)		*7	*7	*7	*7		*7	*7	
Mosaic Imaging	Luma		X	X	X	X				
Mosaic Imaging	Luma II		X	X	X	X				
Phase One	H101	X								
Phase One	H5		X	X	X	*8	X	*11		*9
Phase One	H10		X	X	X	*8	X	*11		*9
Phase One	H20		X	X	X	*8	X	*11		*9
Phase One	H25		X	X	X	*8	X	*11		*9
Phase One	P20	X	X	X	X	*8	X	*11		*9
Phase One	P25	X	X	X	X	*8	X	*11		*9
Sinar	Sinarback 43 S		X	X	X	X	X	X	X	X
Sinar	Sinarback 43 H		X	X	X	X	X	X	X	X
Sinar	Sinarback 54 M	TBA	X	X	X	X	X	X	X	X
Sinar	Sinarback 54 S *		X	X	X	X	X	X	X	X
Sinar	Sinarback 54 H		X	X	X	X	X	X	X	X

* Discontinued

*1	Camera cannot initiate capture, release cable from back to camera.
*2	Requires One Shot Cable Release from Kapture Group.Back cannot initiate capture.
*3	Cannot use the Multishot options from the back.
*4	Requires Silvestri Plushot or Proplus cable release.
*5	Requires Electronic Shutter Release from Kapture Group.
*6	Adapter cable for 553ELX, 555 ELD included. Special cable adapting DIN connector to 3,5mm connector must be used.
*7	Available as special order from Mega-Vision.
*8	Digital back has connections for 555ELD.
*9	With Two Shot Cable release on;y.
*10	To be operated in Normal Power mode with all bodies except 555ELD.
*11	C type lenses = CB, CF, CFI, CFE , 2xx camera body in C mode.
*12	Format mask must be removed from FlexBody rear plate.

The summary is subject to change without notice.

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Digital Camera Back Specifications:

Manufacturer	Model	Type	Resolution	File size*	Coverage
Hasselblad	FlexFrame 3020 *	1, 4-shot	2Kx3K	12MB	24x36mm
Hasselblad	FlexFrame 4040 *	1, 4, 16-shot	4Kx4K	48MB	37x37mm
Hasselblad	Ixpress 96C	1-shot	4Kx4K	48/96MB	37x37mm
Hasselblad	Ixpress 384C	1, 4-shot, 4* res-shot	4Kx4K	48/96MB	37x37mm
Hasselblad	Ixpress 132C	1-shot	5Kx4K	132MB	37x49mm
Hasselblad	Ixpress 528C	1, 4-shot, 4* res-shot	5Kx4K	132MB	37x49mm
Hasselblad	H1D	1-shot	5Kx4K	132MB	37x49mm
Jenoptik	Eyelike Precision M6	1, 1+, 4, 16-shot	2kx3k	18MB	24x36mm
Jenoptik	Eyelike Precision M11	1, 1+, 4, 16-shot	2kx3k	31MB	25x37mm
Jenoptik	Eyelike Precision M16	1, 1+, 4, 16-shot	4x4k	48MB	37x37mm
Jenoptik	Eyelike Precision M22	1, 1+, 4, 16-shot	5Kx4K	126MB	36x48mm
Jenoptik	Eyelike eMotion22	1shot	5Kx4K	126MB	36x48mm
Kodak	DCS Pro Back 645H *	1-shot	4x4k	48MB	37x37mm
Kodak	DCS Pro Back Plus *	1-shot	4Kx4K	48MB	37x37mm
Leaf	Cantare *	1-shot	2Kx3K	12MB	24x36mm
Leaf	Cantare XY	1, 3-shot	2Kx3K	18MB	24x36mm
Leaf	Valeo 6	1-shot	2Kx3K	12MB	24x36mm
Leaf	Valeo 11	1-shot	4Kx2.7K	38MB	25x37mm
Leaf	Valeo 17 WiFi	1-shot	4.7Kx3.5K	99MB	31.7x42.3mm
Leaf	Valeo 22 WiFi	1-shot	5Kx4K	126MB	36x48mm
Leaf	Aptus 17	1-shot	4.7Kx3.5K	99MB	31.7x43.2mm
Leaf	Aptus 22	1-shot	5Kx4K	126MB	36x48mm
Leaf	Volare	3-shot w. filter wheel	2Kx3K	18MB	24x36mm
Megavision	S3 Pro	1-shot	2Kx3K	18MB	24x36mm
Megavision	FB-32 TBA	1-shot	2Kx3K	18MB	24x36mm
Megavision	S427	1-shot	4kx2.7k	32MB	25x37mm
Megavision	FB-427 TBA	1-shot	4kx2.7k	32MB	25x37mm
Megavision	S4	1-shot	4Kx4K	48MB	37x37mm
Mosaic Imaging	Luma	1-shot	2Kx3K	18MB	24x36mm
Mosaic Imaging	Luma II	1-shot	4Kx2.7K	32MB	25x37mm
Phase One	H101	1-shot	4Kx2.7K	32MB	25x37mm
Phase One	H5	1-shot	2Kx3K	18MB	24x36mm
Phase One	H10	1-shot	4Kx2.7K	32MB	25x37mm
Phase One	H20	1-shot	4Kx4K	48MB	37x37mm
Phase One	H25	1-shot	5kx4k	64MB	38.8x50mm
Phase One	P20	1-shot	4Kx4K	48MB	37x37mm
Phase One	P25	1-shot	5kx4k	64MB	37x49mm
Sinar	Sinarback 43 S	1-Shot	4Kx2.7K	64MB	25x37mm
Sinar	Sinarback 43 H	1, 4, 16-Shot	4Kx2.7K	64MB	25x37mm
Sinar	Sinarback 54 M	1-Shot	5Kx4K	130MB	37x49mm
Sinar	Sinarback 54 S *	1-Shot	5Kx4K	130MB	38.8x50mm
Sinar	Sinarback 54 H	1, 4, 16-Shot	5Kx4K	130MB	38.8x50mm

* Discontinued

*File size specified as 8 bits per color channel. For one-shot backs the final file size after interpolation is specified.

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Magnification Factor CFI & CFE Lenses

6x6/6x4.5 cm	35mm Equivalent	1.1x	1.3x	1.5x	1.7x	2.0x
30mm	16mm	33mm	39mm	45mm	51mm	60mm
38mm	20mm	41.8mm	49.4mm	57mm	64.6mm	76mm
40mm	24mm	44mm	52mm	60mm	68mm	80mm
50mm	28mm	55mm	65mm	75mm	85mm	100mm
60mm	35mm	66mm	78mm	90mm	102mm	120mm
80mm	50mm	88mm	104mm	120mm	136mm	160mm
100mm	55mm	110mm	130mm	150mm	170mm	200mm
120mm	65mm	132mm	156mm	180mm	204mm	240mm
150mm	85mm	165mm	195mm	225mm	255mm	300mm
160mm	90mm	176mm	208mm	240mm	272mm	320mm
180mm	100mm	198mm	234mm	270mm	306mm	360mm
250mm	135mm	275mm	325mm	375mm	425mm	500mm
350mm	180mm	385mm	455mm	525mm	595mm	700mm
500mm	300mm	550mm	650mm	750mm	850mm	1000mm

Magnification Factor HC Lenses

6x6/6x4.5cm	35mm	1.1x	1.3x	1.5x	1.7x	2.0x
35mm	20mm	38.5mm	45.5mm	52.5mm	59.5mm	70mm
50mm	28mm	55mm	65mm	75mm	85mm	100mm
80mm	50mm	88mm	104mm	120mm	136mm	160mm
120mm	65mm	132mm	156mm	180mm	204mm	240mm
150mm	85mm	165mm	195mm	225mm	255mm	300mm
210mm	119mm	231mm	273mm	315mm	357mm	420mm
50 -110mm	28-62mm	55-121mm	65-143mm	75-165mm	85-187mm	100-220mm

Sensors	Size	Magnification
6 mp	3x2k	1.7x
11 mp	2.7x4k	1.7x
16 mp	4x4k	1.5x
16 mp/645	4x4k	1.3x
20.8 mp	5x4k	1.1x
22 mp	5x4k	1.1x

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