



H5D Camera Specifications



	H5D-40	H5D-50	H5D-60	H5D-50MS	H5D-200MS
Sensor size	40 Mpix (5478 × 7304)	50 Mpixels (6132 × 8176)	60 Mpixels (6708 × 8956)	50 Mpixels (6132 × 8176)	50 Mpixels (6132 × 8176)
Sensor dimensions	32.9 × 43.8 mm	36.7 × 49.1 mm	40.2 × 53.7 mm	36.7 × 49.1 mm	36.7 × 49.1 mm
Pixel size	6.0 µm	6.0 µm	6.0 µm	6.0 µm	6.0 µm / 3.0 µm
Image size	RAW 3FR capture 50 MB on average. TIFF 8 bit: 120 MB	RAW 3FR capture 65 MB on average. TIFF 8 bit: 150 MB	RAW 3FR capture 80 MB on average. TIFF 8 bit: 180 MB	RAW 3FR capture 65 MB on average. TIFF 8 bit: 150 MB	RAW 3FR capture 75/300/1200 MB on average. TIFF 8 bit: 150/150/600 MB
RAW file format	Lossless compressed Hasselblad 3FR				
JPEG	1/4 resolution print ready files with Hasselblad Natural Colors				
Shooting mode	Single shot	Single shot	Single shot	Single shot	Single shot / Multi-Shot
Color definition	16 bit				
ISO speed range	ISO 100, 200, 400, 800 and 1600	ISO 50, 100, 200, 400 and 800	ISO 50, 100, 200, 400 and 800	ISO 50, 100, 200, 400 and 800	ISO 50, 100, 200, 400 and 800
Color management	Hasselblad Natural Color Solution				
CF storage capacity	8 GB CF card holds 150 images on average	8 GB CF card holds 120 images on average	8 GB CF card holds 100 images on average	8 GB CF card holds 120 images on average	8 GB CF card holds 120 images on average
Display	3 inch TFT type, 24 bit color, 460.320 pixels				
Storage options	CF card type U-DMA (e.g. SanDisk Extreme Pro) or tethered to Mac or PC				
Acoustic feedback	Yes				
Software	Phocus for Mac and Windows (included). Adobe® Photoshop® Lightroom® (included)				
Tethered operation	Supported in Phocus by Hasselblad and Hasselblad Tethered plug-in for Adobe® Photoshop® Lightroom®				
Platform support	Macintosh: OS X 10.5 and later. Windows: XP Vista, Windows 7 (32/64 bit)				
Host connection type	FireWire 800 (IEEE1394b). Thunderbolt supported via optional adapters.				
View camera compatibility	Mechanical shutters controlled via flash sync. Electronic shutters can be controlled from Phocus. Optional Battery Adapter for stand-alone operation of digital capture unit.				
Customization	6 programmable User buttons. Complete camera set-up can be saved to 7 custom profiles.				
Lenses	Hasselblad H System lens line (12 lenses from 24 to 300 mm) with integral central lens shutter. All central lens shutter V system Carl Zeiss lenses via optional CF adapter.				
Shutter speed range	256 sec. to 1/800 second	128 sec. to 1/800 second	32 sec. to 1/800 second	128 sec. to 1/800 second	128 sec. to 1/800 second
Flash sync speed	Flash can be used at all shutter speeds				
Viewfinder options	<ul style="list-style-type: none"> • HVD 90x: 90° eye-level viewfinder w. diopter adjustment (-5 to +3. 5D). Image magnification 3.1 times. Integral fil-flash (G.No. 12 @ ISO100). Hot shoe for SCA3002-system flashes from Metz™ • HV 90x: 90° eye-level viewfinder w. diopter adjustment (-4 to +2.5D). Image magnification 2.7 times. Integral fil-flash (G.No. 12 @ ISO100). Hot shoe for SCA3002-system flashes from Metz™ • HV 90x-II: 90° eye-level viewfinder w. diopter adjustment (-4 to +2.5D). Image magnification 2.7 times. Integral fil-flash (G.No. 12 @ ISO100). Hot shoe for SCA3002-system flashes from Metz™ • HVM: Waist-level viewfinder. Image magnification 3.2 times 				
Focusing	Autofocus metering with passive central cross-type sensor. True Focus with Immediate Focus Confirm (IFC). Instant manual focus override. Metering range EV 1 to 19 at ISO 100				
Flash control	Automatic TTL centre weighted system. Uses built-in flash or flashes compatible with SCA3002 (Metz™). Output can be adjusted from -3 to +3EV. For manual flashes a built-in metering system is available				
Exposure metering	Metering options: Spot, Centre Weighted and CentreSpot. Metering range Spot: EV2 to 21, Centre Weighted: EV1 to 21, CentreSpot: EV1 to 21				
Hardware	New fast generation hardware platform implementing Hasselblad Image Processing Architecture (HIPA)				
Power supply	Rechargeable LiIon battery (7.2 VDC / 2900 mAh). Optional Battery Adapter for stand-alone operation of digital capture unit.				
Film compatibility	No				
Operating temperature	0 - 45 °C / 32 - 113 °F				
Dimensions (Complete camera w. HC80 mm lens) [W×H×D]	153 × 131 × 205 mm	153 × 131 × 205 mm	153 × 131 × 205 mm	153 × 131 × 205 mm	153 × 131 × 205 mm
Weight (Complete camera w. HC80 mm lens)	2290 g	2290 g	2290 g	2500 g	2500 g