

HASSELBLAD H4D⁴⁰

Technical specification

DIGITAL FEATURES	
Sensor size	40.0 Mpixels (7304x5478 pixels)
Sensor dimensions	33.1x44.2 mm
Image size	RAW 3FR capture 50 MB on average. TIFF 8 bit: 120 MB
File format	Lossless compressed Hasselblad RAW 3FR
Shooting mode	Single shot
Color definition	16 bit
ISO speed range	ISO 100, 200, 400, 800 and 1600
Storage options	CF card type U-DMA (e.g. SanDisk extreme IV) or tethered to Mac or PC
Color management	Hasselblad Natural Color Solution
Storage capacity	4 GB CF card holds 75 images on average
Capture rate	1.1 seconds per capture. 33 captures per minute
Color display	Yes, 3 inch TFT type, 24 bit color, 230 400 pixels
Histogram feedback	Yes
IR filter	Mounted on CCD sensor
Acoustic feedback	Yes
Software	Phocus for Mac and Windows
Platform support	Macintosh: OSX. Windows: XP (32 and 64 bit), Vista (32 and 64 bit), Windows 7 (32 and 64 bit).
Host connection type	FireWire 800 (IEEE 1394b)
View camera compatibility	Yes, Mechanical shutters controlled via flash sync. Electronic shutters can be controlled from Phocus.
Operating temperature	0 - 45 °C / 32 - 113 °F
Dimensions	Complete camera w. HC80 mm lens: 153 x 131 x 213 mm [W x H x D]
Weight	2290 g (Complete camera w. HC80 mm lens, Li-Ion battery and CF card)

CAMERA FEATURES	
Camera type	Large sensor medium format DSLR
Lenses	Hasselblad HC/HCD lens line with integral central lens shutter.
Shutter speed range	256 seconds 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 fill-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 fill-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. Ultra focus digital feedback. 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
Power supply	Rechargeable Li-ion battery (7.2 VDC / 1850 mAh).
Film compatibility	No

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Connectivity diagram

