



Unrivalled Flexibility

The Hasselblad 100c digital back is built to function with technical and view cameras, offering an unprecedented level of resolution, flexibility and color quality.

Featuring a 100MP 53.4 x 40.0mm CMOS sensor, the 100c digital back provides Hasselblad's Natural Color Solution with wide dynamic range up to 15 stops, capturing at 16 bit.

The H6D-100c digital back utilizes USB Type-C connectivity for tethered shooting, with the option to write internally to either SD or CFast media.

The H6D-100c digital back is also capable of capturing UHD (4K) video in Hasselblad's proprietary RAW format which can be converted to Cinema DNG in Phocus. HD footage can also be captured in H.264 format.

The Hasselblad 100c offers a solution that is as flexible as you are and that can keep pace with your needs, your clients' demands, and future developments.

H6D-100c Digital Back

DATASHEET

Specifications

Sensor type	CMOS, 100 megapixels (11600 × 8700 pixels, 4.6 × 4.6 µm)
Sensor dimensions	53.4 × 40.0mm
Image size	Stills: RAW 3FR capture 207MB on average. TIFF 8 bit: 289MB; Video: HD (1920 x 1080p), UHD (3840 x 2160p)
File format	Stills: Lossless compressed Hasselblad 3FR, 1/4 size JPEG Video: H.264 Compressed (25 fps), Hasselblad RAW (30 fps)
Shooting mode	Single shot stills, Video
Colour definition	16 bit; Dynamic range 15 stops
ISO speed range	ISO 64, 100, 200, 400, 800, 1600, 3200, 6400, 12800
Storage options	CFast card, SD card or tethered to Mac or PC
Colour management	Hasselblad Natural Colour Solution
Storage capacity	16GB card holds 120 images on average
Display	3 inch TFT type, 24 bit colour, 920K pixels; Touch functionality: Yes, full support Live View: On camera, host and iOS device with high frame rate (30 fps)
IR filter	Mounted in front of sensor
Acoustic feedback	Yes
Software	Phocus for Mac, Windows and Adobe Lightroom with Phocus Plugin
Platform support	Macintosh: OSX version 10.11 / 10.12; PC: Windows 7 (64 bit)/ 8 / 10
Host connection type	USB 3.0 (5 Gbit/s) Type-C connector, Mini HDMI, Audio In/Out
Additional connections	Flash Sync Input (2.5mm Phono), Flash Sync Output (3.5mm Phono), Power Input (3.5mm Phono)
View camera compatibility	Yes, mechanical shutters controlled via flash sync
Camera Synchronization	Flash Sync Mode via lens sync output or Pinhole Mode
Pinhole Exposure Time	1/8s - 60 minutes
Power Input	18W 12-24V DC, via 1.35mm ID Barrel Plug. Power Bank Cable H-3054180 for use with various power banks. Please see User Guide for details

