

Camera Type	Medium Format Mirrorless Digital camera with Autofocus, Auto exposure, interchangeable lenses.
Construction	Machined aluminium. Tripod socket 1/4".
Sensor Type	CMOS, 50 megapixels (8272 × 6200 pixels, 5.3 × 5.3 µm).
Sensor Dimensions	43.8 × 32.9 mm
Image Size	Stills: 3FR RAW capture 106 MB on average. JPEG: Up to 22 MB, TIFF 8 bit: 154 MB. Video: To be enabled at a later date.
File Format	Hasselblad 3FR RAW, Full size JPEG.
Shooting Mode	Single shot, Continuous, Self Timer, Interval Timer and Exposure Bracketing.
Colour Definition	16-bit; Dynamic range up to 14 stops.
ISO Speed Range	ISO Auto, 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600.
Storage Options	Dual UHS-II SD cards or tethered to Mac or PC. Max 1 TB. SD Cards can be used in Overflow or Backup mode. Recommended cards are listed below.
Colour Management	Hasselblad Natural Colour Solution (HNCS)
Storage Capacity	A 64 GB card holds approximately 600 RAW or 6000 JPEG High Quality images on average.
Capture Rate	2.7 frames per second (RAW)
User Interface	Touch interface including swipe, scroll and pinch/spread to zoom. Camera grip with buttons and Scroll Wheels. Many camera functions and settings can be controlled from a tethered computer or iPad Pro/iPad Air (2019) over Wi-Fi or tethered.
Display	3.6-inch TFT type, 24-bit colour, 2.36-million-dot; Touch functionality: Full support
Live View	On camera and host computer with high frame rate.
Viewfinder	OLED, 3.69-million-dot Electronic Viewfinder (EVF). Viewing Area : 100%. Magnification: 0.87x
Histogram Feedback	Yes, in Browse Mode on rear display and in EVF.
IR Filter	Mounted in front of sensor.
Acoustic Feedback	Yes
Software	Phocus for Mac and Windows. Compatible with Adobe Photoshop Lightroom® and Adobe Camera Raw® Phocus Mobile 2 including support for tethered connection via USB-C
Platform Support	Macintosh: OS X version 10.12.2 or later. PC: XP/Vista/Windows 7 (32 and 64 bit)/ 8 / 10.
iOS device Support	iPad Pro or iPad Air (2019 or later)
Host Connection Type	USB 3.0 (5 Gbit/s) Type-C connector.
Additional Connections	Audio In/Out.
Operating Temperature	-10 to 45 °C. 14 to 113 °F.
Wi-Fi & GPS	802.11 b, g, n, a, ac (a and ac depending on region). GPS built-in.

For optimal performance of the X1D II 50C, the following SD memory cards are recommended to use:

Sandisk Extreme PRO UHS-II 300MB/s
Panasonic V90 UHS-II 280MB/s
Toshiba EXCERIA PRO UHS-II 270MB/s
SONY M UHS-II 260MB/s

Note: Avoid using Micro SD/TF memory cards with SD card sets. Some Sony high-speed G UHS-II SD 300MB/s memory cards might have poor compatibility, and therefore, might not be able to write image data properly. To avoid this, it is recommended to use the SD memory cards, as listed to the left, to ensure the image data security.

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Lenses	Hasselblad XCD lenses with built in electronically controlled shutter and aperture. Automatic or manual focusing with instant manual focus override. Lens shades can be mounted in reverse for transport. Compatible with all H System lenses and some H System accessories using an XH Lens Adapter. Also compatible with V System and XPan Lenses using a XV or XPan Lens Adapter. Many other lenses via 3rd party lens adapters (E-shutter only).
Shutter	Electronically controlled lens shutter with speeds up to 1/2000 s. Flash sync at all speeds. Optional electronic shutter
Shutter Speed Range	68 minutes to 1/2000 s with XCD Lenses. 1/800 s or 1/2000 s with HC/HCD Lenses. Electronic shutter 68 min to 1/10000 s.
Flash Sync Speed	Flash can be used at all shutter speeds. Mechanical shutter only.
Flash Control	TTL centre weighted system. Compatible with Nikon™ System flashes. ISO range 100 to 6400. Flash output can be adjusted (-3 to +3 EV) for fill-in purposes independent of ambient light. Sync at all shutter speeds. Mechanical shutter only.
Flash Compatibility	In TTL-mode, the following Nikon Flash products can be used: SB-300, SB-500, SB-5000, SB-700, SB-900, SB-910. The following Profoto products can be used in TTL-mode: A1, B1 and B2 with Nikon interface.
Focusing	Automatic and manual focusing. Instant manual focus override. Automatic focusing using contrast detection. 100% zoom or Focus Peaking available in manual focus. Up to 117 selectable autofocus points.
Exposure Metering	Spot, centre weighted and centre spot.
Power Supply	Rechargeable Li-ion battery (7.27 VDC/3400 mAh). Can be charged in camera via USB or external charger. Charging time approximately 2 hours with the supplied USB charger.
Dimensions	Complete camera w/ XCD 45 mm lens: 148 x 97 x 125 mm [W x H x D]. Camera Body only: 148 x 97 x 70 mm
Weight	1230 g (Complete camera with XCD 45mm lens, Li-ion battery and card). 650 g (Camera Body). 766 g (Camera Body with battery and SD Card).