**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 x 6200 pixels, 5.3 x 5.3 µm).

**Sensor Dimensions**
43.8 x 32.9 mm

**Image Size**
Stills: 3FR RAW capture 106 MB on average. JPEG: Up to 22 MB, TIFF 8 bit: 154 MB. Video: 2.7K (2720 x 1530) and HD (1920 x 1080), max 29:59 minutes/clip.

**File Format**

**Shooting Mode**
Single shot stills, Video. Single and Continuous Drive, Self Timer, Interval Timer, Exposure Bracketing and Focus 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 (images only). 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**

**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 ºC. 14 to 113 ºF.

**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.
| **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\textsuperscript{TM} 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). Compatible with the 3200 mAh battery. Can be charged in camera via USB or with optional external charger. |
| **Dimensions** | Complete camera with XCD 45P lens: 148 x 97 x 102 mm [W x H x D]. Camera Body only: 148 x 97 x 70 mm |
| **Weight** | 1086 g (Complete camera with XCD 45P lens, Li-ion battery and card). 650 g (Camera Body). 766 g (Camera Body with Li-ion battery and SD Card). |