Clifton Cameras Product Specification

HASSELBLAD X2D 100C

Camera Type: Medium Format Mirrorless Digital Camera with autofocus, auto-exposure, interchangeable lenses

Construction: Machined aluminum. Tripod Socket 1/ 4"

Sensor Type: Back-side illuminated (BSI) CMOS, 100 megapixels (11656 x 8742 pixels, pixel size 3.76 µm)

Sensor Dimensions: 43.8 x 32.9mm

Image Size: Stills: 3FR RAW: capture 206MB on average

File Format: Single and Continuous Drive, Self Timer, Interval Timer, Exposure Bracketing

Colour Definition: 16-bit; dynamic range up to 15 stops

Image Stabilization: 5-axis 7-stop in-body image stabilization (IBIS)

ISO Speed Range: ISO Auto, 64, 100, 200, 400, 800. 1600, 3200, 6400, 12800, 25600

Storage Options: Built-in 1TB SSD. Extra CFexpress Type B card with a max storage capacity of 512GB supported

Colour Management: Hasselblad Natural Colour Solution (HNCS)

Capture Rate: 3.3fps in a 14-bit colour depth

User Interface: Touch interface including swipe, scroll, and pinch/spread zoom. Camera grip with buttons and scroll wheels

Touch Display: 3.6-inch TFT type, 24-bit full-colour, 2.36-million-dot. Touch functionality: full support. Tilting angle: 40°, 70°

Top Display: 1.08-I TFT type, 18-bit full-colour, 158,400-dot

Electronic Viewfinder (EVF): OLED, 5.76-million-dot. Viewing area: 100%. Magnification: approx.. 1.00x with 65mm medium format lens at infinity, -1m

Histogram Feedback: Yes, in Browse mode on touch display and in EVF

IR Filter: Mounted in front sensor

Software: Phocus is compatible with computers with 8GB or RAM or more running on macOS 10.15 or later, or Windows 7 64-bit or later. Phocus Mobile 2 is compatible with iPad models with 3GB of RAM or more and with iPhone X or later models running iOS 14.0 or later.

iOS Device Support: iPad models with 3GB of RAM or more and iPhone X or later models running iOS 14.0 or later

Platform Support: macOS 10.15 or later, or Windows 7 64-bit or later

Host Connection Type: USB 3.1 Ge3n2 Type-C connector (transfer speed up to 10 Gbit/s)

Operating Temperature: -10° to 45°C (14° to 113°F)

Operating Humidity: No more than 85% without condensation

Wi-Fi: 802.11b/a/g/n/ac/ax, Wi-Fi with 2x2 MIMO

Supported Lenses: Hasselblad XCD lenses with built-in electronically controlled leaf shutter and aperture. Automatic or manual focusing with instant manual focus override. Lens shades can be mounted in reverse for transport. Compatible with V system and XPan Lenses using the XV or XPan Lens Adapter.

Shutter: Electronically controlled leaf shutter with speeds up to 1/4000s. Flash sync at all speeds. Optional electronic shutter

Shutter Speed: 68 min to 1/4000s with XCD Lenses*. Up to 1/800 s or 1/2000 s with HC/HCD Lenses. Electronic shutter 68 min to 1/6000s.

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 64 to 25600. 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: Autofocus single (AF-S) and manual focus (MF). Instant manual focus override. Automatic focusing using phase and contrast detection. Focus indicator, 100% zoom, or Focus Peaking is available in MF. Up to 294 Phase Detection Autofocus (PDAF) zones.

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 the USB-C port on the camera body. Charging time is approx., two hours using the included 30W USB-C charger.

Dimensions: 148.5 x 106 x 74.5mm

Weight: 895g (camera body with the battery); 790g (Camera body only)

Recommended Memory Cards: Sony CEB-G series CFexpress Type B Memory cards, SanDisk Extreme Pro CFexpress Type B Memory Cards