

HASSELBLAD

907X SPECIAL EDITION (ON THE MOON SINCE 1969)

DATASHEET

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| Camera Type | 907X camera body + CFV II 50C digital back: Medium Format Mirrorless Digital camera with Autofocus, Auto exposure, interchangeable lenses. CFV II 50C digital back: Can be used with most Hasselblad V System cameras made from 1957 and onwards in addition to third party technical or view cameras with a Hasselblad V interface |
| Construction | Machined aluminium. Tripod socket 1/4" on 907X camera body. |
| 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: 2.7K (2720 x 1530) and HD (1920 x 1080), max 29:59 minutes/clip) |
| File Format | Hasselblad 3FR RAW, Full size JPEG. Video: H.264 Compressed (29,97 fps). |
| Shooting Mode | 907X camera body + CFV II 50C digital back: Single shot stills, Video. Single and Continuous Drive, Self Timer, Interval Timer, Exposure Bracketing and Focus Bracketing. CFV II 50C digital back: Single shot and Video. |
| Colour Definition | 16-bit; Dynamic range up to 14 stops. |
| ISO Speed Range | 907X camera body + CFV II 50C digital back: ISO Auto, 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600. CFV II 50C digital back: 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600. |
| Storage Options | Dual UHS-II SD cards or tethered to Mac or PC. When having cards in both slots, secondary slot can be used for Overflow or Backup. Max 1 TB. High Speed UHS-II cards are recommended. |
| 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 | 907X camera body + CFV II 50C digital back: Up to 2.7 fps with XCD Lenses CFV II 50C digital back: Up to 1.5 fps with V System cameras |
| DAC Digital Lens Correction | 907X camera body + CFV II 50C digital back: Support for all XCD/HC/HCD Lenses included in Phocus. CFV II 50C digital back: Support for most V System Lenses included in Phocus. |
| 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 via USB. |
| Display | Tiltable 3.0-inch TFT type, 24 bit colour, 920 K pixels. Touch functionality: Full support. |
| Live View | On camera and host computer with high frame rate. |
| Histogram Feedback | Yes, in Browse Mode on rear display. |
| 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 | macOS 10.12 or later; Windows 7 (64 bit) or later; iOS 12 or later |
| 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 | 802.11 b, g, n, a, ac (a and ac depending on region). |

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| Camera and Lens Support | CFV II 50C: Can be used with most Hasselblad V System cameras made from 1957 and onwards in addition to third party technical or view cameras with a Hasselblad V interface. 907X: enables use of all XCD Lenses, all H System Lenses with XH Lens Adapter, V System Lenses with XV Lens Adapter, and XPan Lenses with XPan Lens Adapter. Enables compatibility with a wide range of third-party adapters and lenses. |
| Shutter | Electronically controlled lens shutter with speeds up to 1/2000 s. 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 with lens shutter (not electronic shutter). |
| Focusing | Automatic and manual focusing. Automatic focusing using contrast detection and up to 117 selectable autofocus points. Instant manual focus override. Focus Peaking or Auto Zoom (50% or 100%) available in manual focus. |
| Exposure Metering | Centre Weighted, Spot 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 | CFV II 50C digital back: 91 x 92 x 61 mm 907X camera body: 102 x 91 x 27 mm 907X camera body + CFV II 50C digital back: 102 x 93 x 84 mm |
| Weight | CFV II 50C digital back: 552 g CFV II 50C digital back + battery: 658 g 907X camera body: 206 g 907X camera body + CFV II 50C digital back + battery: 865 g |

Note: Technical specifications may change without notice.