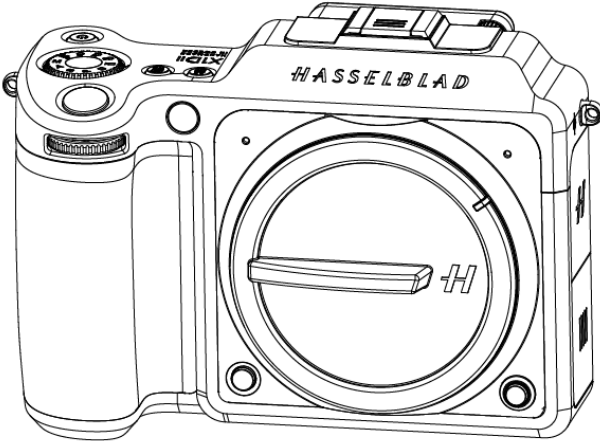


HASSELBLAD

X1D Mark II

Quick Start Guide

V1.0

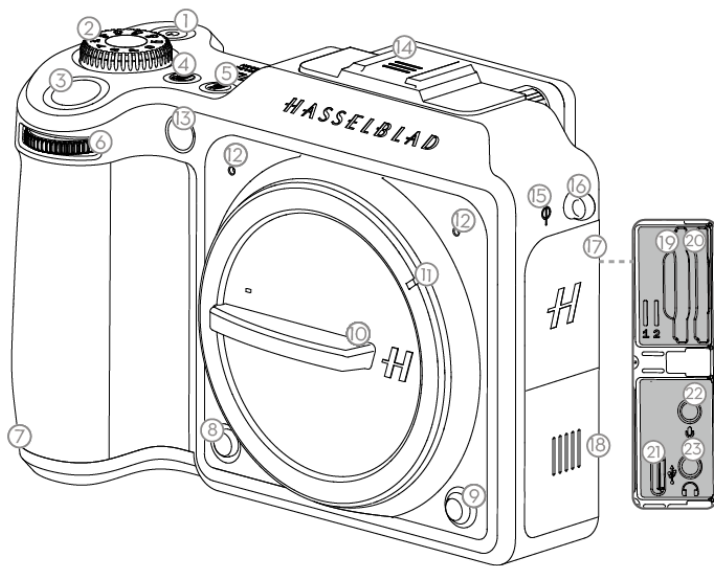


X1D Mark II

As a medium format mirrorless digital camera, HASSELBLAD™ X1D Mark II features a 43.8 × 32.9 mm CMOS sensor with a color definition of 16 bit. Its dynamic range is 14 stops, and capable of shooting 50 MP stills. Multiple shooting modes are supported, including single shoot, continuous shoot and interval. Its built-in 3.6" 1024 × 786p touch display and the powerful functional buttons on the camera body enable an easier way to set parameters and examine the details by zooming in the images in real time.

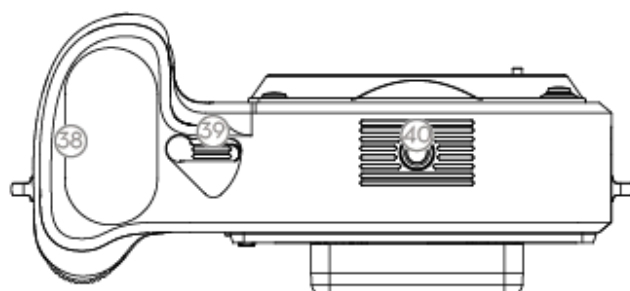
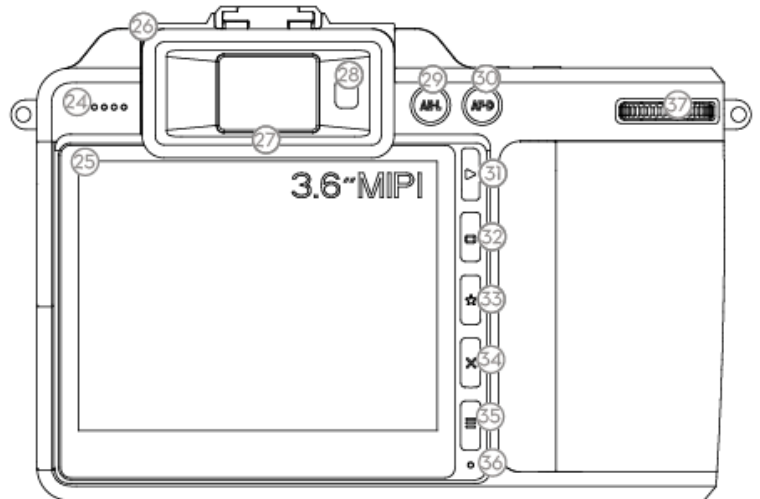
X1D Mark II has built-in GPS, Bluetooth and Wi-Fi modules. By connecting the Mark II to your smart device, you can use the Phocus Mobile 2 app to check the images and edit them. With the help of the Hasselblad's Phocus, an image processing software equipped with Hasselblad Nature Color Solution (HNCS) and Digital Lens Correction (DLC), the images can reflect what your eyes see in real world, and you can even using tethered shooting to take high-resolution images.

XCD lenses with different focal lengths and apertures are available for X1D Mark II, providing sharp and clear images.



1. On/Off Button
2. Mode Dial
3. Shutter Release Button
4. ISO/WB Button
5. AF/MF Button
6. Front Scroll Wheel
7. Camera Grip
8. Stop Down Button
9. Lens Release Button
10. Protective Cover Lid
11. Protective Cover Lid Indicator
12. Microphone
13. AF Illuminator LED
14. Flash Hot Shoe
15. Image Plane Mark
16. Strap Lug

17. SD Cards Slot Lid
18. Connectors Slot Lid
19. SD Card Slot 1
20. SD Card Slot 2
21. USB Type-C Port
22. Audio Input
23. Audio Output
24. Speaker
25. Touch Display
26. Dioptre Adjustment Dail
27. Electronic Viewfinder EVF
28. EVF Sensor
29. AE Lock Button
30. AF Drive Button
31. Browse Button
32. Soft Button
33. Star Button
34. Delete Image/Soft Button
35. Menu Button
36. Status LED
37. Rear Scroll Wheel
38. Battery



49. Battery Release Lever

40. Tripod Thread 1/4 ”

Downloading the User Manual and Phocus Mobile 2

Before your first use of X1D Mark II, please visit www.hasselblad.com or scan the QR code below to download the X1D Mark II User Manual. Read and understand the whole manual for how to use this product correctly. Scan the QR code on the right side to download Phocus Mobile 2. You may either connect your smart device with X1D Mark II using camera's Wi-Fi or using the USB Type-C cable. After successful connection, you can control the camera, select exposure mode, and set shutter speed, ISO, metering mode and etc. remotely.



Download the User Manual



Download Phocus Mobile 2

*iOS11.0 and later are required to download Phocus Mobile 2. Android system is not supported.

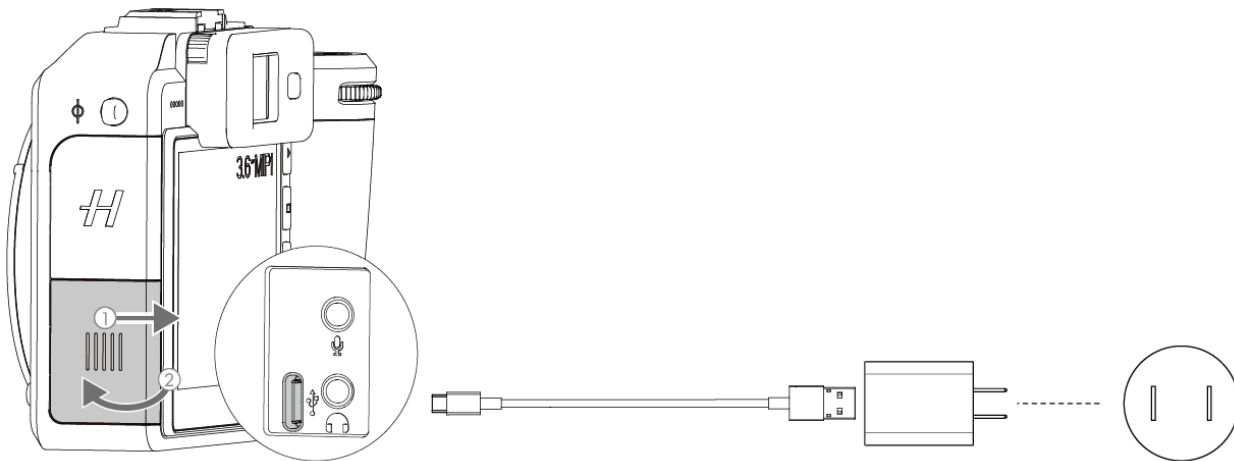
**Wi-Fi connection will be supported soon.

Using you X1D Mark II

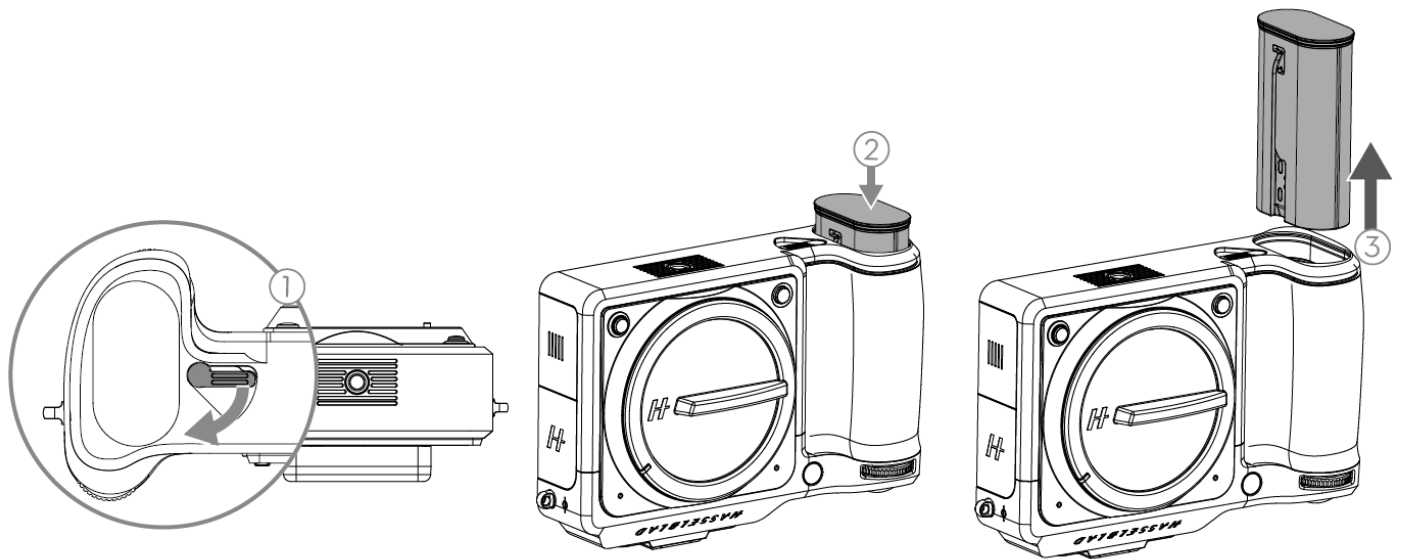
1. Charging the Battery

The battery has been inserted into the camera body before delivery. Please fully charge the battery for the first time use.

- Slide the Connectors Slot Lid toward the touch display to open it.
- Connect the camera's USB-C port with an USB power adapter using the USB type-c cable, and then connect the USB power adapter to a power outlet (100-220 V , 50-60Hz)



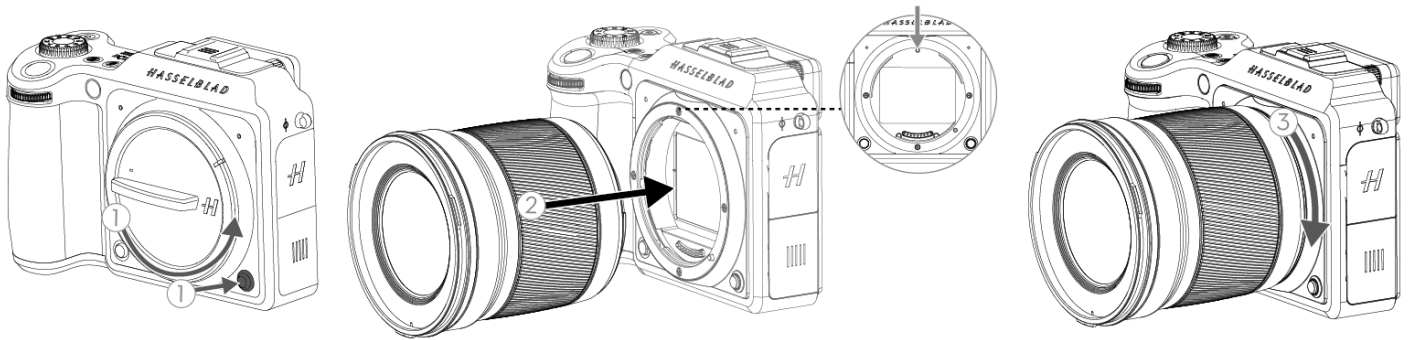
To remove the battery, rotate the battery release lever. The battery will move up a bit automatically. Then press the Battery in a bit but not all the way, to release it from the camera completely. Then remove the battery.



2. Attaching a Lens

Example: XCD 45mm Lens

- Push the lens removal button and remove protection cover lid from the camera body.
- Rotate the lens so that the red mark on the lens lines up with the red mark on the camera body (please make sure the lens rear cap has been detached).
- Mount the lens into the camera body and then turn the lens clockwise to lock its position.

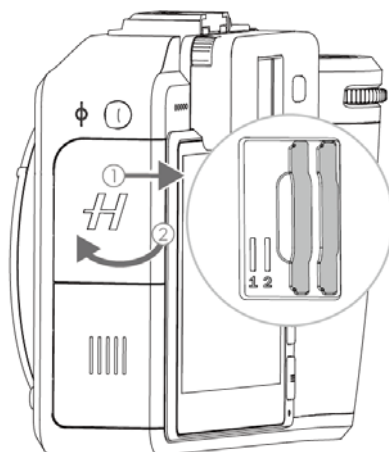


3. Storing Your Images

After shooting, images will be stored in the SD card inserted. When tethered shooting using Phocus, images will only be stored in your laptop.

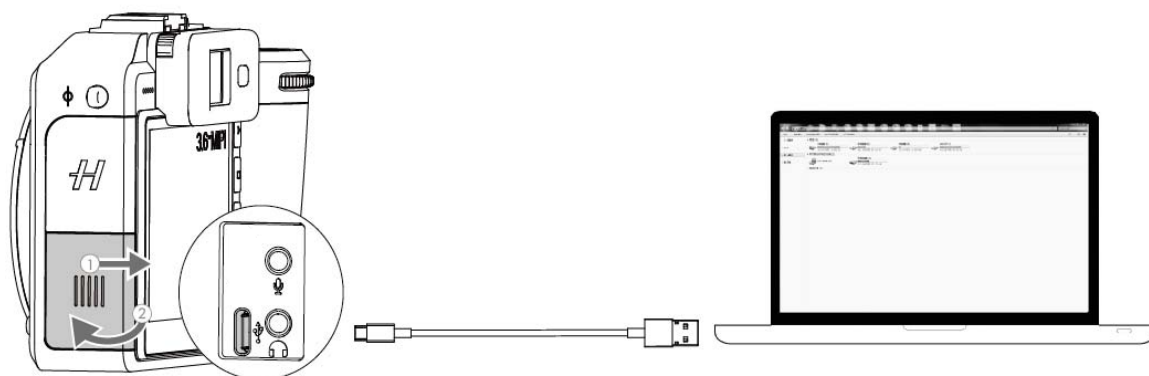
Storing in the SD Card

- Slide the SD Card Slots Lid toward the screen display to open it. Then insert the SD card into SD card slot 1 or 2.
- When inserting the SD card, make sure its side with the product tag should face toward the touch display. If it is hard to insert the SD card, turn it around to try again. **DO NOT** insert the SD card forcibly.
- Close the slot cover by rotating it counter clockwise and pushing it in place towards the front of the camera (C) to lock it into position.



Storing in the Laptop using Phocus

- a. Visit <https://www.hasselblad.com/phocus/> to download and install it.
- b. Slide the Connectors Cover Lid toward the screen display to open it. Then connect the camera's USB-C port with the laptop using the USB type-C cable. And launch the Phocus.



	<ul style="list-style-type: none"> • Phocus only supports MAC OS X 10.10 or later ; PC : Windows 7 (32 and 64 bit) / 8 / 10 or later. • Read Phocus User Manual to know more details about Phocus. • When connecting your camera to Phocus Mobile 2, the images will only be stored in the SD card inserted.
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4. Camera Interface

Long press on/off button to power on the camera, and you will enter the Control Screen. The information displayed on the Control Screen differs based on your personal setting. Below is just an example.

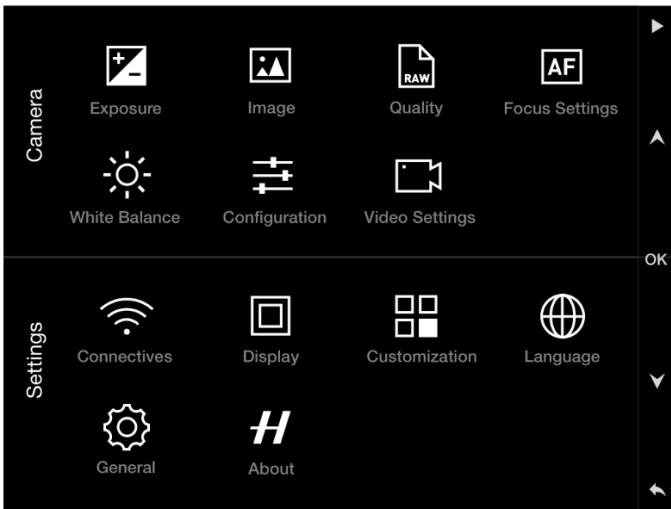


1. White Balance
2. Focus Mode
3. ISO
4. Battery Status
5. Wi-Fi
6. GPS
7. Shutter and Shutter Speed
8. Exposure Adjustment
9. SD Card Status

- 10. Captures Remaining
- 11. Shot Mode
- 12. Metering Mode
- 13. Exposure Mode
- 14. EV
- 15. AF Lock
- 16. Aperture

On Control Screen, you can tap each icon to set relevant parameter. If the value or the icon is grey, it means this parameter cannot be changed in current mode.

Swipe up from the bottom to enter the menu page.



Camera:

Set the exposure, image quality, focus, white balance and etc.

Settings:

Set the connection, display, language, and etc.

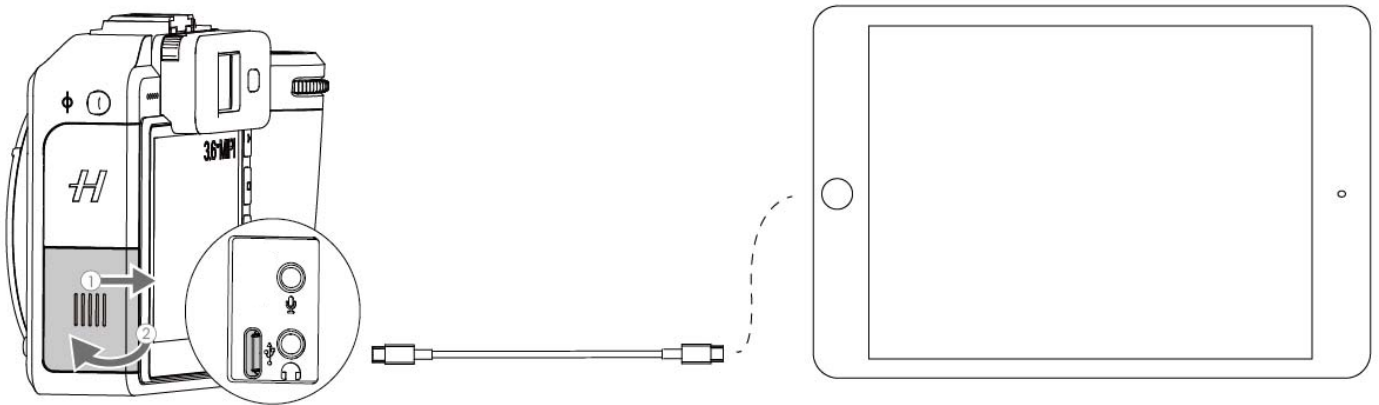
Tap each icon to enter the sub-menu for detailed information.

	Read X1D Mark II User Manual to know more detailed information.
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5. Connecting to your iOS Device

Before connecting X1D Mark II to your iOS device, please make sure the Phocus Mobile 2 app has already been downloaded and installed.


1. Connect the camera's USB-C port with your iOS device using a Type-C to lightning cable.




2. Run the Phocus Mobile app on your iOS device, and power on the camera.


Click “Camera” on the top to check the images saved in the camera’s SD card. Tap an image to edit it (Please note only 3F images can be edited).

On the editing page:


Tap  to adjust the image’s exposure, such as EV, contrast, brightness, recovery, shadow fill, and clarity.

Tap  to adjust white balance, grey scale, and apply color correction.

Tap  to apply lens corrections, noise filter, and adjust sharpness.

Tap  to crop the image or adjust its orientation.

After the adjustment, tap “complete” on the top right corner to save this image, or save it as a copy, or export it to JPEG format.

	<ul style="list-style-type: none"> • JPEGs cannot be edited inside this Phocus Mobile 2 app. • iOS11.0 and later are required to download Phocus Mobile 2. Phocus Mobile 2 only supports Apple iPad series, and iPad Pro is recommended to use. • If you take stills when your iOS device is connected to the camera, the images will not be displayed inside Phocus Mobile 2 immediately. Please disconnect the iOS device and connect again to check the images.
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Specifications

Camera Type	Medium Format Mirrorless Digital camera with Autofocus, Auto exposure, Auto white balance, interchangeable Lenses.
Construction	Machined aluminium. Tripod socket 1/4" .
Sensor Type	CMOS, 50 mega pixels (8272 × 6200 pixels, 5.3 × 5.3 μm).
Sensor Dimensions	43.8 × 32.9 mm
Image Size	Stills: RAW 3FR capture 106 MB on average. TIFF 8 bit: 154 MB;
File Format	Stills: Hasselblad 3FR.
Shooting Mode	Single shot stills Interval Timer and Exposure Bracketing.
Colour Definition	16 bit; Dynamic range approximately 14 stops.
ISO	ISO Auto, 100, 200, 400, 800, 1600.
Storage Options	Two SD cards or tethered to Mac or PC. SD Cards can be used in Overflow or Backup mode.
Colour Management	Hasselblad Natural Colour Solution, HNCS.

Storage Capacity	16 GB card holds 120 images on average.
Capture Rate	3 frames per second
User Interface	Display: 3.6 inch TFT type, 24 bit color ; 2.36 MP ; Touch functionality: Yes, full support. 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 iPhone/iPad over Phocus Mobile 2.
Live View	On camera, host and iOS device with high frame rate.
Viewfinder (EVF)	0.5 inch , 3.69MP , ultra-high resolution , wide colour range , and features sleep mode
Bluetooth	Supports 5.0
GNSS	GPS+GLONASS
Histogram Feedback	Yes, in Browse Mode on rear display and in EVF.
IR Filter	Mounted in front of sensor.
Software	Phocus for Mac and Windows. Compatible with Adobe Camera and Adobe Photoshop Lightroom. Brand new Phocus Mobile 2 app supports to connect the camera to your smart device wirely or wirelessly.
Platform Support	Macintosh: OS X version 10.9. PC: XP/Vista/Windows 7 (32 and 64 bit)/ 8 / 10.
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	802.11a/g/n/ac, 802.11n/ac MIMO also supported
Dimensions	Complete camera w/ XCD 45 mm lens: 148 x 97 x 125 mm [W x H x D].
Weight	1170 g (Complete camera with XCD 45 mm lens, Li-Ion battery and card).
Lenses	Hasselblad XCD lenses with built in electronically controlled shutter and aperture. Automatic or manual focusing with instant manual focus override. All HC/HCD lenses and V system lenses can be used with an adapter (optional).
Shutter	Electronically controlled lens shutter with speeds up to 1/2000. Flash sync at all speeds. Optional Electronic shutter
Shutter Speed Range	68 minutes to 1/2000 seconds with XCD lenses. 1/800 or 1/2000 with HC/HCD lenses. Electronic shutter 68 min to 1/10000.
Flash Sync Speed	Flash can be used at all shutter speeds.
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.
Flash Compatibility	In TTL-mode, the following Nikon Flash products can be used: SB-300, SB-500, SB-700, SB-900, SB-910.
Focusing	Automatic and manual focusing. Instant manual focus override. Automatic focusing using contrast detection. 100% zoom possible in manual focus.
Exposure Metering	Spot, centre weighted and centre spot. Metering range. Spot: EV 2 to EV 21. Centre weighted: EV 1 to EV 21. Centre spot: EV 1 to EV 21.
Power Supply	Rechargeable Li-ion battery (7.27 V DC/3400 mAh).

Compliance Information

FCC/ISED Compliance Notice

This device complies with Part 15 of the FCC Rules and ISED licence - exempt RSS standard.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Cet appareil est conforme à la partie 15 des règles de la FCC et à la norme RSS exonérée de licence ISED.

L'opération est soumise aux deux conditions suivantes: (1) cet appareil ne peut pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent causer un fonctionnement indésirable.

Toute modification ou modification non expressément approuvée par la partie responsable de la conformité pourrait annuler l'autorisation de l'utilisateur d'utiliser l'équipement.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Exposure Information

This device (X1D MARK II; model: X1D MARK II) is compliance with SAR for un-controlled FCC and ISED exposure limits and had been tested in accordance with the measurement methods and Procedures specified in IEEE1528 and IEC 62209, this equipment should be installed and operated with minimum distance 1 cm between the radiator and your face when close to eye operation. And Minimum distance 20 cm between the radiator and your body when hand-held operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Informations sur l'exposition RF

Ce dispositif (X1D MARK II; modèle X1D MARK II) est conforme aux normes SAR pour les limites d'exposition FCC et ISED non contrôlées et a été testé conformément aux méthodes et procédures de mesure spécifiées dans IEEE1528 et IEC 62209, cet équipement doit être installé et fonctionne avec une distance minimale de 1 cm entre le radiateur et votre visage lorsque le fonctionnement est proche de l'œil. Et distance minimale 20 cm entre le radiateur et votre corps lors de l'opération manuelle.

Cet appareil et son (ses) antenne (s) ne doivent pas être co-localisés ou fonctionner en conjonction avec une autre antenne ou émetteur.