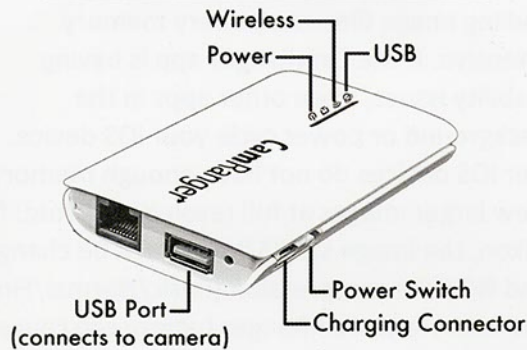


# CamRanger

## Quick Start Guide

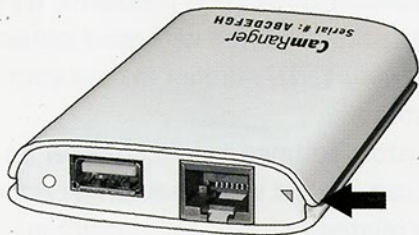
Internet access required for initial registration.

### 1 - Hardware



- Black USB cable for connecting to the camera. The USB cable that came with the camera may be required for the Df / D800 / D800E / D810 / D7100 / D5000 / D5100 / D5200 / D5300 / D5500 / 7D II / 5Ds.
- White USB cable for charging CamRanger device
- White Ethernet cable for possible firmware updates
- **Any additional side switch has no function**

### 2 - Insert Battery



- White Remove back cover (side with serial number) by grasping the side edge where indicated and prying up and back.



- Insert the top edge of the battery as shown and then press down into place.
- Replace the cover by first placing the two lower tabs on the back of the case into the slots and then snapping into place.

Note: The battery's initial capacity will be low as indicated by the red power light and will need to be charged with the included white cable. It takes 1-2 hours to charge and the power light will turn from orange/yellow to green when fully charged. The CamRanger can be used while charging if turned on.

### 3 - Registration

- **For information on firmware updates and Android / Mac / Windows see:**  
[www.camranger.com/Downloads](http://www.camranger.com/Downloads)
- Download the free CamRanger iOS app from the Apple app store.
- Ensure the iPad/iPhone/iPod Touch has Internet connectivity (do NOT connect to CamRanger network).
- Launch the CamRanger iOS app.
- After attempting to connect, a screen indicating a failure to connect will appear. Press the "Register" button.
- Locate the 8 character serial code on the back of the unit. (*Sample serial code*)

## CamRanger

Serial #: **ABCDEFGH**

- Enter the serial code and press "Register".
- Confirm successful registration and exit the app. If registration failed, confirm Internet access and the correct serial code before contacting [support@CamRanger.com](mailto:support@CamRanger.com).

### 4 - Initial Setup

- Turn on your CamRanger by sliding the power switch forward towards the charging connector. (It will take approximately 30-60 seconds to fully turn on and initialize).
- After initializing, the green WiFi light will illuminate on the CamRanger unit.
- Launch the iOS settings.



- Within the WiFi settings, select the CamRanger network. It will be CamRanger-###, where ### is the last 3 characters of the serial number.
- The password is the full 8-character serial code in ALL CAPS.



- If the password fails, multiple attempts may be required. (If repeated attempts do not work, turn iOS WiFi off and on.)
- Connect one end of the black USB cable to the CamRanger and the other to your camera. The green USB (outermost) light on the CamRanger will illuminate when connected to the camera. If the light does not illuminate, ensure your camera is on and try disconnecting and reconnecting the cable.
- Place the CamRanger in the provided case and attach securely.
- Launch the CamRanger iOS app.

## 5 - General App Usage

- Pictures taken are always saved to the memory card. A thumbnail will then appear on the app.
- Touch the thumbnail to view the full resolution image.
- Images can be viewed automatically (when Live View is off) by turning on "Auto-View" within the settings.
- Images can be viewed at full resolution by double tapping on the image.
- Live View is turned on by pressing the button with an eye within the app and NOT by turning it on from the camera.
- The Live View histogram can be toggled on or off from within the Data tab. The Live View histogram will decrease the frame rate.
- Focusing within live view can be done by either touching the live view image or by manual adjustments from within the Focus tab.
- The contents of the camera's memory card can be viewed by selecting the button to the left of the thumbnails.
- Images within the card contents view can be selected and then deleted or downloaded, or double tapped to view in full resolution.
- Auto focus (AF) can be toggled on or off with the focus button located in the bottom right, above the capture button. Touch focusing and focus adjustments can still be made in MF, but the camera will not attempt focus before capture.
- Thumbnails of images saved on the camera's memory card can be viewed by pressing the memory card icon at the top left. Double tapping a thumbnail will display it at full resolution. Images can also be deleted or downloaded in batch.

## 6 - Tips & Troubleshooting

- If shooting both RAW and JPG, only the JPG thumbnail will be displayed. The RAW image can be downloaded; however, from the card contents view.
- Transfer speed is directly related to WiFi signal strength and long distances or obstructions can greatly increase transfer time.
- Handling image files can be very memory intensive. If the CamRanger app is having stability issues, close other apps in the background or power cycle your iOS device.
- Older iOS devices do not have enough memory to view larger images at full resolution. (Note: for Nikon, the image size (S/M/L) must be changed and NOT the compression (Basic/Normal/Fine).
- A low camera or CamRanger battery can cause strange connection issues or the failure of certain commands.
- If triggering from a Nikon camera, the connection mode within the app settings must be set to "Camera". "PC" mode allows more in-app control, but will disable direct camera interaction.
- Registration may be required again after a re-install of the CamRanger app or major iOS operating system update.
- If a password prompt appears when the password should be remembered, selecting cancel and then re-joining the network will typically work.
- If having camera connection problems, try using the USB cable that came with your camera.
- Document your serial number in case your unit is lost or stolen.
- Certain custom settings or functions set on the camera can conflict with CamRanger operations. Settings related to focus and capture in particular may need to be reset to factory default.
- A more detailed user's guide is available within the app as well as at <http://www.CamRanger.com/downloads>.
- Visit [www.CamRanger.com](http://www.CamRanger.com) or email [contact@CamRanger.com](mailto:contact@CamRanger.com) for more information or assistance.

CamRanger is not for use for illegal purposes. CamRanger LLC is not responsible for damage or loss incurred to the camera, memory card, images, or iOS device. CamRanger LLC will not be responsible for any consequential or incidental damage resulting from the sale or use of any merchandise purchased from us. CamRanger LLC's liability is limited to the monetary value of the