

# Firmware Updating Procedure for SeaLife DC500 Digital Camera

DC500 firmware version 1.12PIE improves the following:

- white balance in NIGHT Scene mode. Pictures taken in Night Scene mode with previous firmware releases may appear slightly bluish or greenish in color.
- Improves white balance colors in SEA mode when camera's internal flash fires. With previous firmware releases, pictures taken in Sea mode with the camera's internal flash firing may appear slightly red in color.
- Prevents camera lock ups related to the following causes: Lens focus motor damaged or worn – With previous firmware, the camera would lock-up if the lens focus motor and related gear mechanism did not properly engage. This is normally a rare event that corrects itself by rebooting the camera (i.e. turning it on and off). The new firmware will now display an error message "Focus Error" and automatically shut down rather than lock-up. If the camera continues to display "focus error", the camera will require servicing.
- SD card in the lock position – With previous firmware, the camera would lock-up if the SD card was in the lock position. The new firmware will now display an error message "Card Error"

## Firmware installation instructions

1. Prepare camera.
  - a. Insert a blank SD memory card into camera. All existing pictures on this card will be erased and should be saved before this operation.
  - b. Connect camera to docking station.
  - c. Connect AC power cable from docking station to AC power supply.
  - d. Connect USB cable from docking station to computer.
  - e. Turn camera power on.
  - f. Select "PC" on camera LCD monitor by pushing the OK button.
  - g. The camera should now be connected to the computer. To confirm, click the 'Start' menu on the computer and select 'My Computer'. You should see a drive named 'SEALIFECAM (\_:)'
2. Download firmware.
  - a. Make sure computer is connected to the internet.
  - b. Click the following: <https://www.dropbox.com/s/9l9hdtguxf2uglp/DS5340.elf?dl=0>
  - c. Save file named 'DS5340.elf' to your computer drive named 'SEALIFECAM (\_:)'. This may take a few minutes depending on the speed of your internet connection.
  - d. The firmware should now be saved on your camera's SD memory card. To confirm, click on the drive named 'SEALIFECAM (\_:)'. You should see a file named 'DS5340.elf'
3. Disconnect camera from the computer
  - a. Turn camera power OFF.
  - b. Remove camera from docking station.
4. Upload new firmware to your camera.
  - a. Keep the SD memory card in the camera
  - b. Push and hold the camera's shutter button while turning the camera power on.
  - c. When the "FW UPDATE" message appears on the camera LCD monitor, release the shutter and power buttons.
  - d. The firmware should now be uploading to the camera. You will see the camera lights are on and the FW UPDATE message will remain on the LCD monitor for about 10 seconds.
  - e. The camera power will turn off by itself.
5. To upload firmware to more than one camera
  - a. Insert the SD memory card into other camera(s) and repeat step 5.
6. To delete the FW from the card.
  - a. Insert SD memory card into camera
  - b. Turn camera power on using only the power button.
  - c. The first time you power up the camera, the date / time message appears. Reset the correct date and time.
  - d. Push the Mode button and select the Set-Up mode.
  - e. Under the 'Basic' menu tab, select the 'FORMAT' icon.
  - f. Caution: Formatting the camera will delete all data on the memory card (images and firmware), so make sure images or other data is removed from card before formatting.
  - g. Select 'yes' to format the SD memory card.
7. Your camera is now updated and ready to use – ENJOY.