



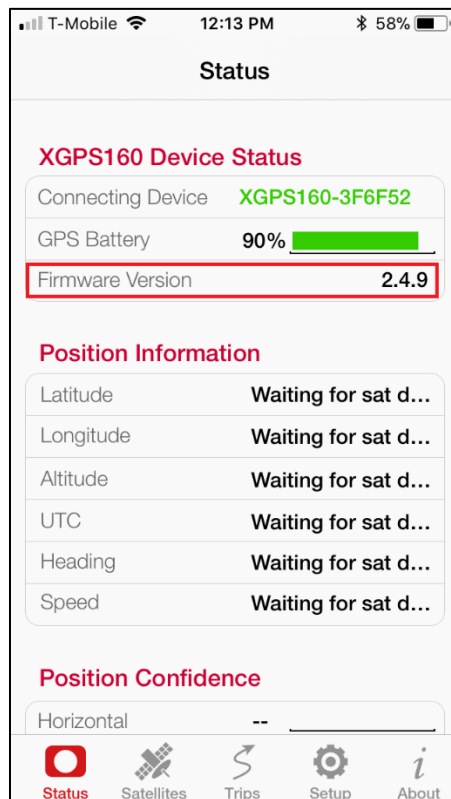
## XGPS160 v2.4.9/v3.4.9 Update Guide for PC Only

**Note:** The only difference between v2.4.9 and v3.4.9 is the Bluetooth chipset manufacturer. Everything else is completely identical.

If you have any questions about XGPS160, please contact us at [cs@dualav.com](mailto:cs@dualav.com).

### A. To update the firmware, v2.4.9/v3.4.9, by using PC, you will need:

- XGPS160
- USB a – USB b cable (USB-to-mini-USB cable)
- Computer or laptop running Windows OS (XP or beyond) with an available USB port
- SkyPro Status Tool app
  - Once the firmware update process is completed, connect your XGPS160 to your mobile device (Apple or Android) via Bluetooth. Then, open the SkyPro Status Tool app (free download from app stores) to check the firmware version of your device.
  - Ex)



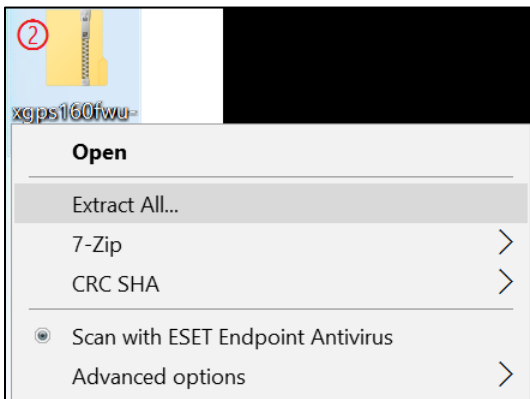


## B. Update Instructions

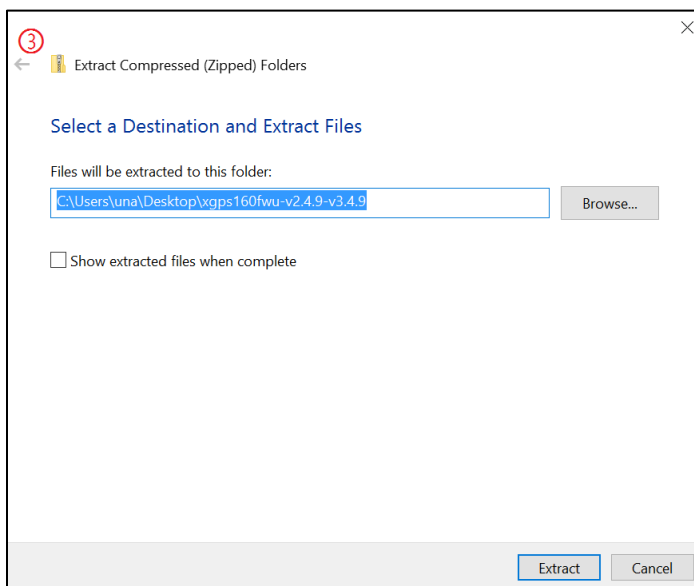
1. Go to Dual XGPS160 firmware page: <http://gps.dualav.com/explore-by-product/xgps160/#tabs-8>
2. Click on the “Firmware” tab. Download both XGPS160 Firmware Update Pack and Manual.
3. Unzip the downloaded firmware. Please follow the five sub-steps provided below.



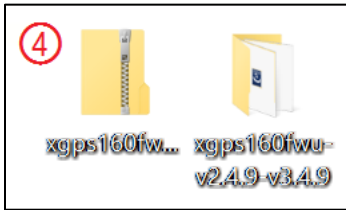
① Find the downloaded zip file on your computer.



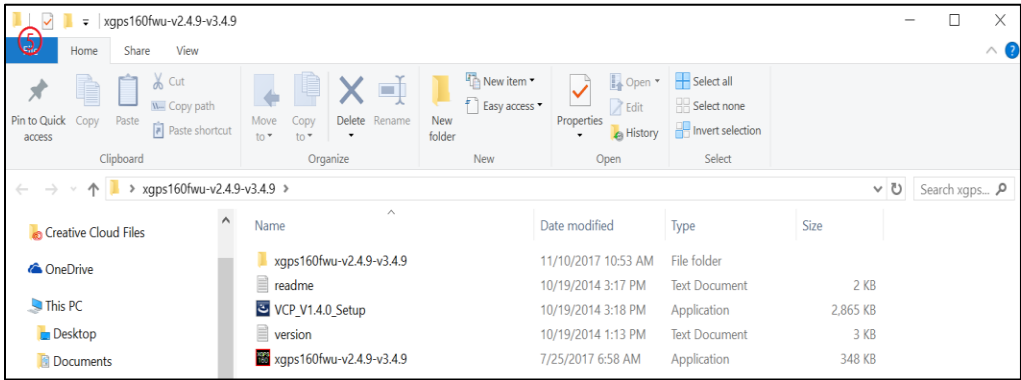
② Click the right button on your mouse/trackpad and choose “Extract All”.



③ Go to “Browse” and choose a place on your computer to extract the zip file. Then, click “Extract”.

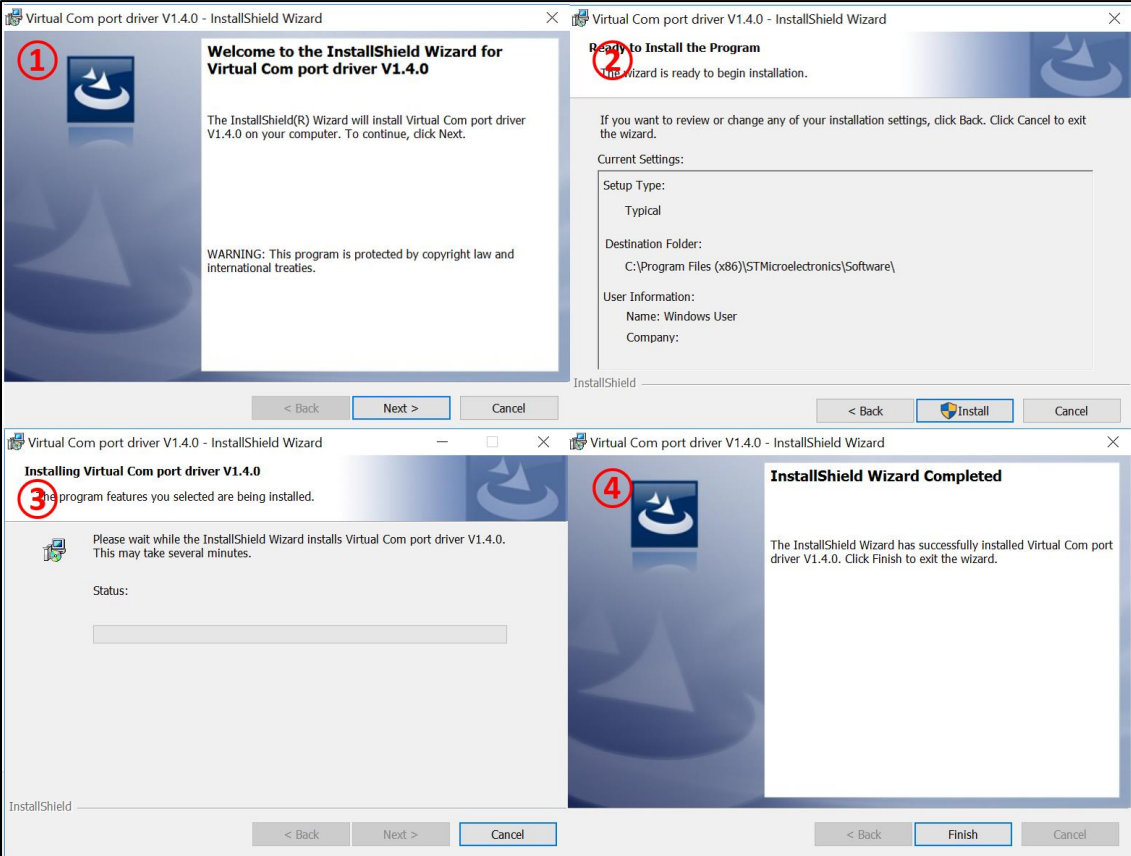


④ The extracted files/folder (firmware) should be located in the place of your choice.



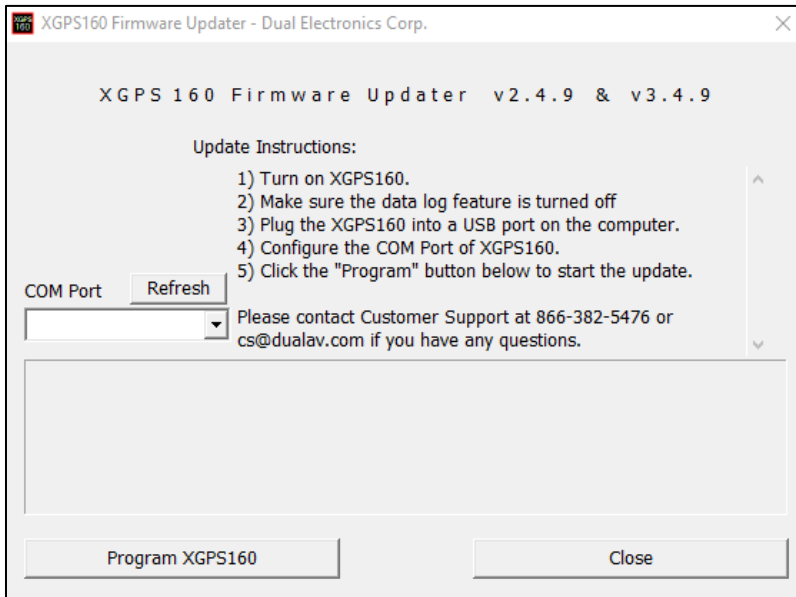
⑤ These four files should be available inside the folder.

4. Double click on VCP\_V1.4.0\_Setup (XGPS160 driver) from the folder and begin the installation process.



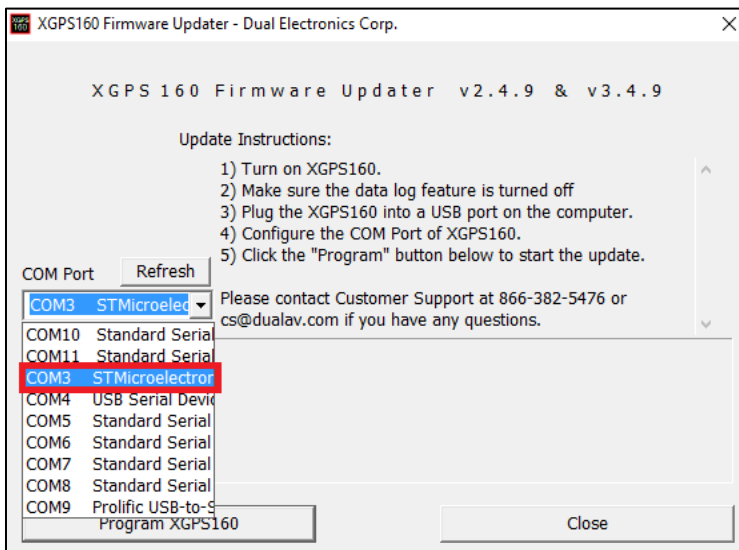


5. Open the XGPS160 Firmware Updater program for v2.4.9/v3.4.9 in the XGPS160 Firmware Update Pack folder.



6. Follow the instructions listed on the XGPS160 Firmware Updater program.

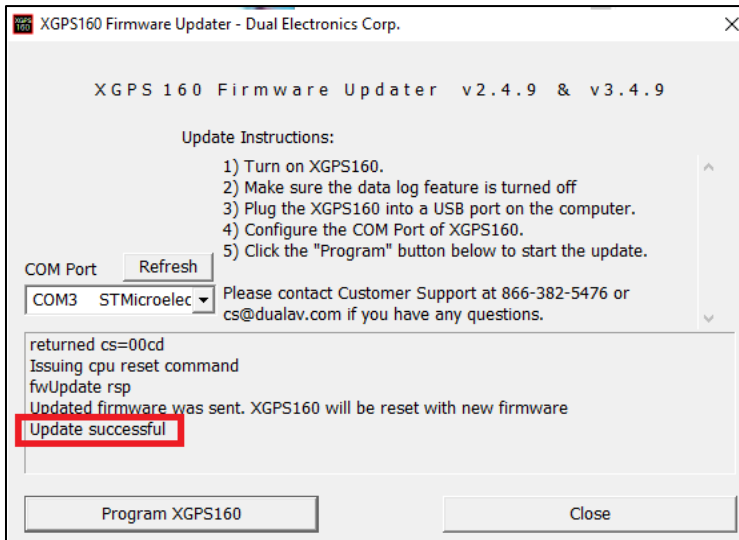
- 1) Turn on XGPS160
- 2) Make sure the data log feature (orange light) is turned off
- 3) Plug the XGPS160 into a USB port on the computer
- 4) Configure the COM Port of XGPS160
  - **Note:** From the dropdown menu, choose a COM Port that says “STMicroelectronics Virtual COM Port”. The COM Port number may vary.



- 5) Click the “Program XGPS160” button below to start the update.



7. Once the update process is completed, you should be able to see the “Update successful” message at the bottom of the XGPS160 Firmware Updater program. Then, press the “Close” button to exit the program and unplug your XGPS160.



**Note:**

- 1) Do not disconnect your XGPS160 during the update process.
- 2) Remember to press the “Close” button to exit the program once the update process is completed before you unplug your XGPS160 from your computer.

If anything confusing or unexpected happens while updating, please contact us at [cs@dualav.com](mailto:cs@dualav.com).

**Thank you for choosing Dual Electronics!**