

2016-11-21 Windows version

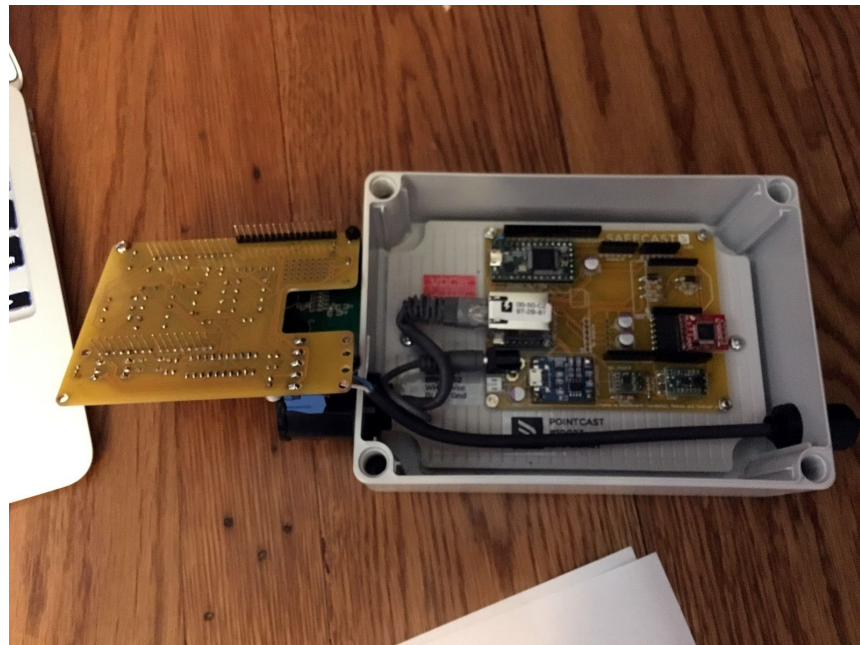
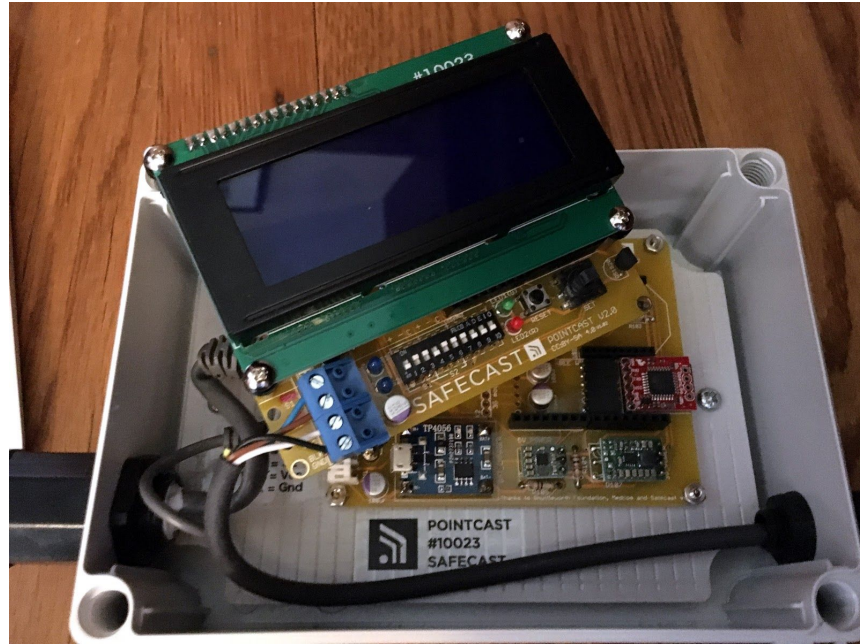
Pointcast firmware update (Windows)

1. Download teensy.exe from <https://github.com/Safecast/Pointcast/blob/master/app/teensy.zip>
2. Extract the file and run the program.
3. Download the Ethernet or 3G zip file as appropriate for your Pointcast device:
(https://github.com/Safecast/Pointcast/blob/master/Pointcast_V1_0.V4.2.3_EN.hex.zip and https://github.com/Safecast/Pointcast/blob/master/Pointcast_V1_0.V4.2.3_3G.hex.zip).
4. Unzip the Pointcast_V1_0.V4.2.3_EN.hex.zip or the Pointcast_V1_0.V4.2.3_3G.hex.zip to get the HEX file, and place it on your desktop.
5. Run the Teensy.exe
6. Load the hex file from file “open” menu.
7. Switch off the power by:
 - a. Ethernet Pointcast unplug the ethernet connector.
 - b. 3G Pointcast disconnect the DC power plug.
8. Remove the clear cover of the Pointcast box by unscrewing the four screws.

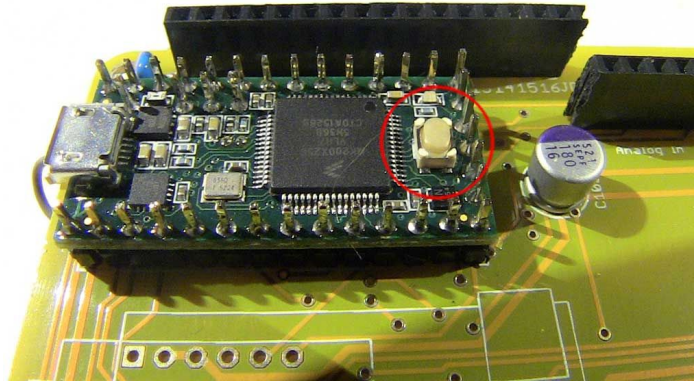
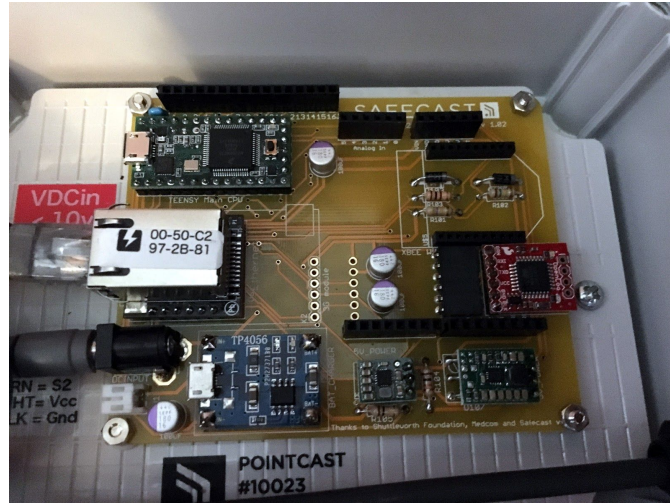


9. As you can see for the Pointcast V2, there are four layers of boards:
 - a. The bottom-most gray board with the black Safecast logo and serial number
 - b. The “Processor Board” that is mounted to it
 - c. The “Sensor Board” that is plugged into the processor board, and which has the blue screw terminals for the sensor
 - d. The topmost “Display Board” that is plugged into the Sensor Board.

10. What you want to do is to get access to the Processor Board. Fortunately, you don't need a screwdriver to do so, because the Sensor Board is merely plugged into a socket on the Processor Board, with nothing more than the tension of the pins and sockets holding it in place.
11. Carefully and gently grab both the left and right sides of the Sensor Board, and wiggle them until the Sensor Board separates from the Processor board, like this:



12. Now, look carefully at the board. You'll see the Teensy processor card, which has a button on it.



13. Connect the Teensy on the Processor Board to your computer with the MicroUSB cable.
14. Press the program button of the Teensy.
15. Unplug the Micro USB cable from the Teensy on the Processor Board.
16. Carefully, CAREFULLY plug the Sensor Board back into the Processor Board - looking at an angle at the topmost connector while you're doing so to ensure that all the pins are aligned and that there aren't pins sticking outside the socket on one side or another. Gently but firmly make sure the Sensor Board is tightly seated on the Processor Board.
17. Screw the clear plastic cover back onto the Safecast box
18. Plug the ethernet cable back into the box.
19. You're done. The Pointcast should be booting.