

HEATIT Z-WAVE

SOFTWARE UPDATE
HEATIT THERMOSTAT 1.92

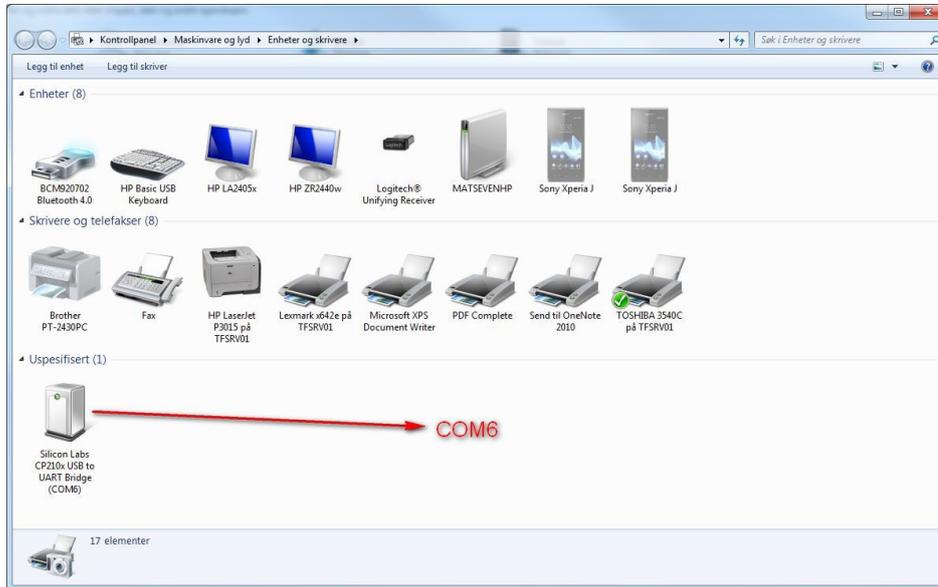
2018.08.23

Heatit thermostat



1. **Install (if not installed on your computer) CP210X driver ***
Driver file is found here: <http://bit.ly/CP210X-driver>
2. **Extract files ZW_v1_92.zip - File is found here: <http://bit.ly/HeatitZ-Wave-FW-1-92>**
3. Plug the cable to your pc and check that it is detected as a Com-port. You can see this in "devices and printers in Control Panel" Remember the Com-port number (COM6 etc). Note: Silabs CP210x driver needs to be installed - some windows versions have this pre-installed. See Fig.1

Fig.1



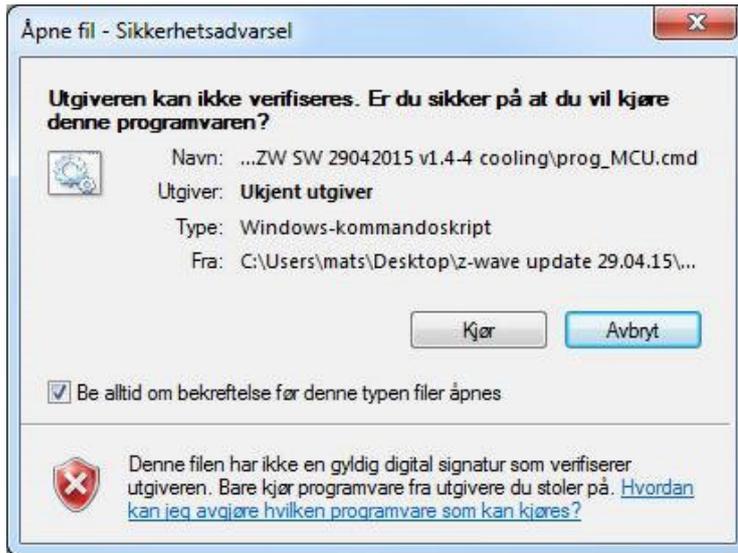
4. **Edit prog_MCU.cmd and prog_ZW files to meet your Com-port.**
 - a. Right clicking the file and choose "Edit".
 - b. Push "Run". It opens in e.g notebook.
 - c. Set COMPORT=COMX, where COMx is your Com-port, for example COM6.
 - d. Save the file
5. **Power down the thermostat before doing anything else (or take it off the wall and wires).**
This is very important!!!
6. Remove the top cover (lense part, see installation manual) to expose the middle cover and display. Find 6 holes in the middle cover plastic in the right side of the display. Stick the adapter needles in the holes, with the **red part of cable facing down!** Press them firmly in and hold in place. Display should be dimly lit with some figure in the display.



* This driver works with Windows XP/Server 2003/Vista/7/8/8.1

If you are running another operating system look for your driver here:
<https://www.silabs.com/products/mcu/Pages/USBtoUARTBridgeVCPDrivers.aspx>

7. Run first **prog_MCU.cmd** and then **prog_ZW**



It should say "Pgm mode entered" and no Error messages should appear on the screen. It should complete writing to flash. SW is now updated.

```

C:\Windows\system32\cmd.exe
.exe --debuglog=dbg.txt --contout=1 --driver=lpc2000_isp.4000,921600 --importcode=ZM5202.hex --codeinfo --connection=COM6,115200,8,n,1 --reqisp --connection=COM6,115200,8,n,1 --erase=0-14 --write=0-14 --exec

ID: ZM5202
Ver: 1.4.2339
Date: Apr 29 2015 11:34:05
Copyright: Copyright (c) 2014 Enerpoint Oy

Pgm mode entered
Connecting .. OK
LPC1752, 64 kiB ROM / 16 kiB SRAM
Bootcode version: 4.2
Erasing device ..
WARNING: gen_iap: No partial erase supported.
NOTE: gen_iap: Full erase performed. OK
Writing.
[#####] 37kiB
C:\Users\mats\Desktop\z-wave update 29.04.15\ZW SW 29042015 v1.4-4 cooling>pause
Trykk en tast for å fortsette...

```

8. Display on thermostat shows 1.9
9. When running prog_ZW device device is erased and new FM is written to device. When finished display on thermostat shows A

```

C:\Windows\system32\cmd.exe
C:\Users\mats\Desktop\1,92>set BAUDRATE=115200
C:\Users\mats\Desktop\1,92>set COMPORT=COM6
C:\Users\mats\Desktop\1,92>incup.exe --debuglog=dbg.log --driver=GEN_IAP --importcode=HeatIt_slave_routing_ZW050x_EU.hex --echo="Uploading ZM5202 fw" --connection=COM6,115200,8,n,1 --contout=5 --reqisp=A20513,A2050B --erase --write --exec

Uploading ZM5202 fw
Connecting .. OK
Erasing device .. OK
Writing.
[#####] 103kiB
C:\Users\mats\Desktop\1,92>pause
Trykk en tast for å fortsette...

```