



**Application Note**  
AN1001-04, 2015-04-03  
Firmware Download



## Notice

Registered Trademark



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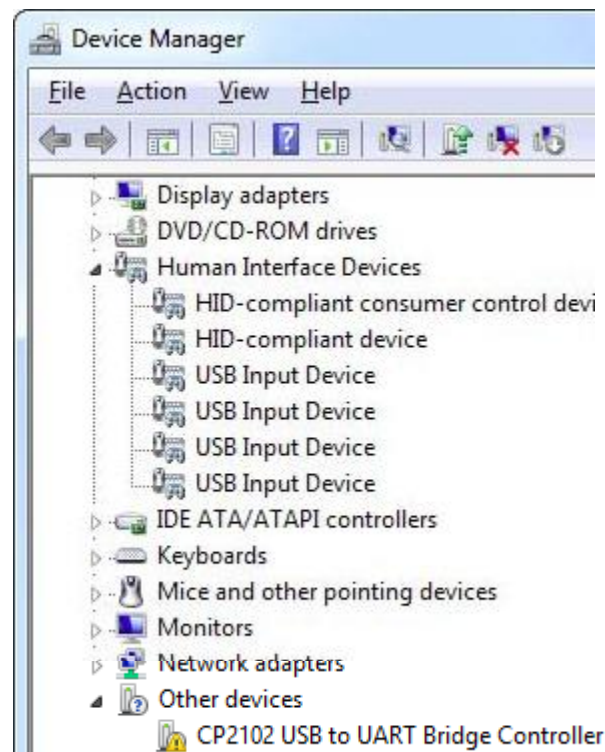
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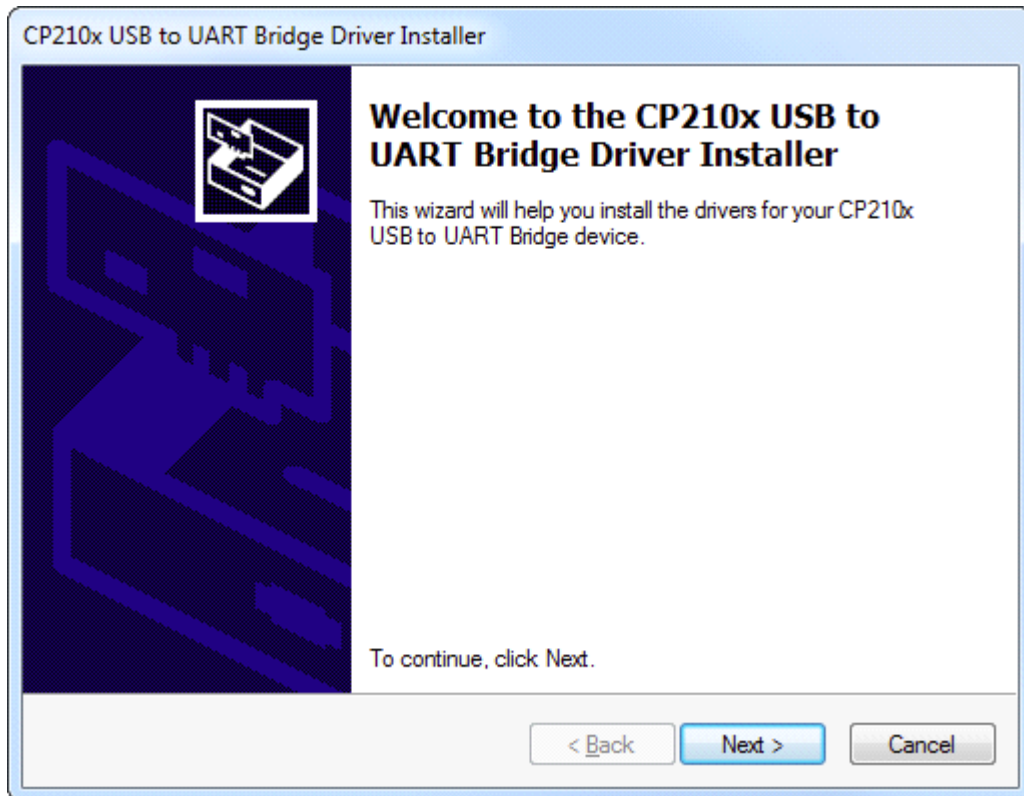
## Revision History

Version	Date	Changes
00	2013-07-23	Initial released
02	2013-12-26	Changed Address Added revision history
03	2014-10-07	Revised for V2.0.0
04	2015-04-03	Revised for V2.1.0

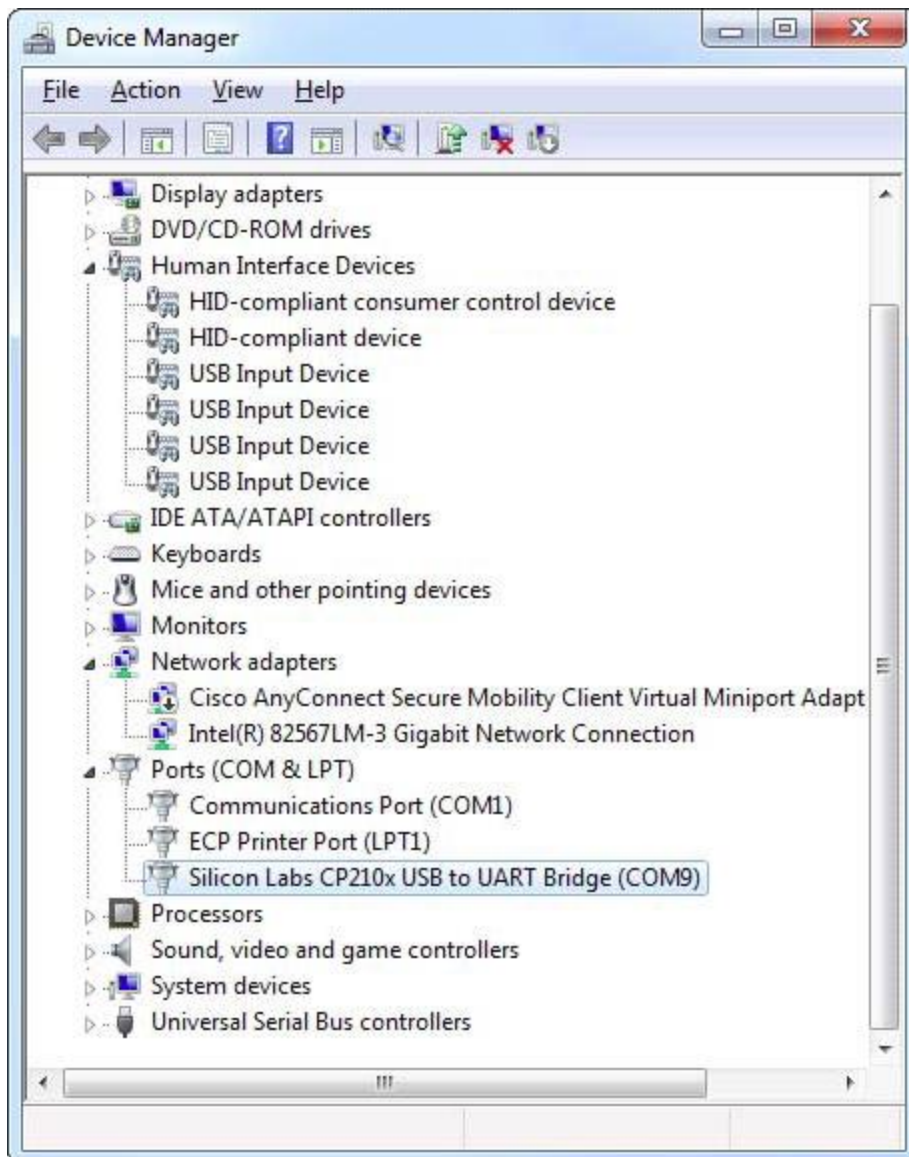
If you've never installed the driver software for the ARETE POP on your computer you will see a message indicating that your PC found new hardware. Then you should install USB driver software. If you don't know whether the driver software is installed or not, check *Device Manager*. If the driver was *not* installed correctly, then in the *Device Manager* you will see “CP2102 USB to UART Bridge Controller” listed under “Other Devices”



To install USB Driver, extract “CP210x\_VCP\_Windows.zip” where you want. In the extracted folder, you will see the “CP210xVPCInstaller\_x64.exe” for a 32-bit version of Windows and “CP210xVPCInstaller\_x86.exe” for a 32-bit version of Windows. Choose proper software and run installer. Once you have started the installed program, you will want to click “I accept the agreement” and then the “Next” button.

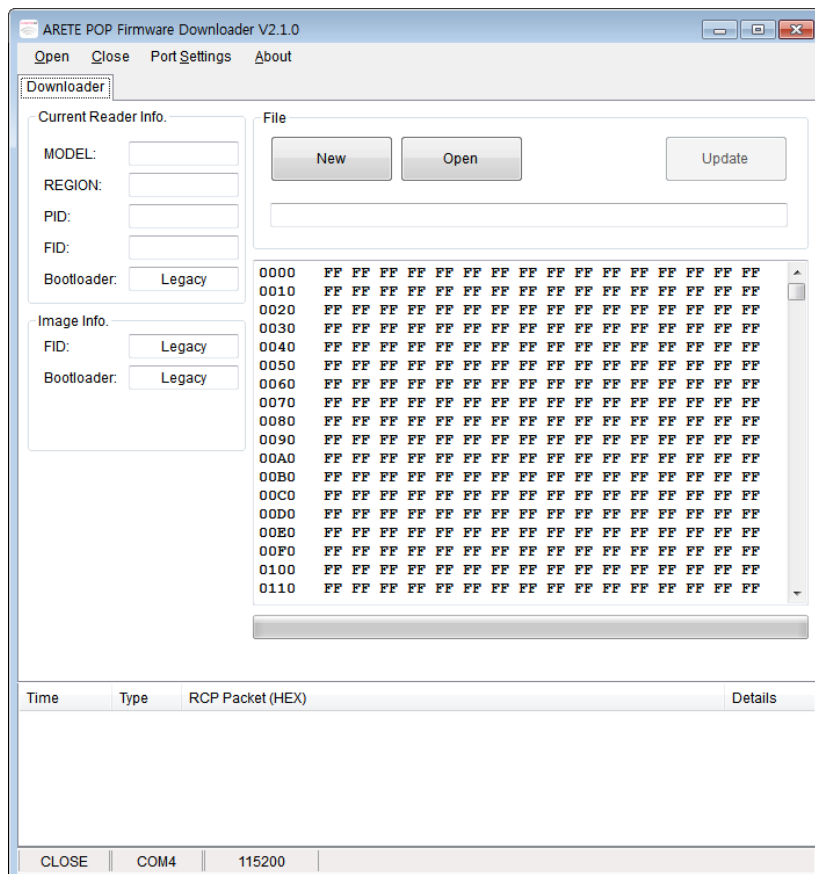
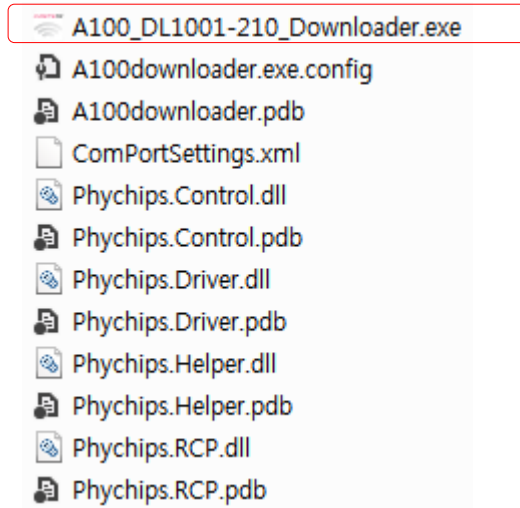


Once you have successfully installed the Silicon Labs driver, plug in your ARETE POP to your PC via a USB cable. Once it is plugged in, you can confirm that the driver is installed by going to the Windows “*Device Manager*”

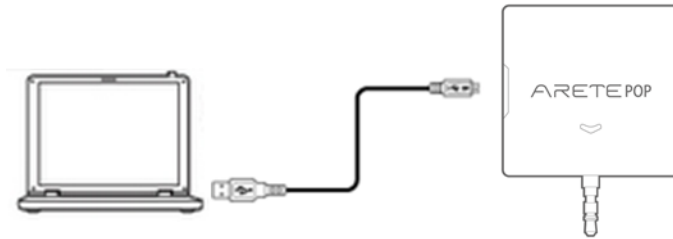


After finishing installing device driver software, next thing you do is running the firmware update program.

## Step 1. Open downloader



Step 2. Plug the plug of USB cable into the USB connector of ARETE POP. Plug the other end of USB cable into the PC where downloader is running.

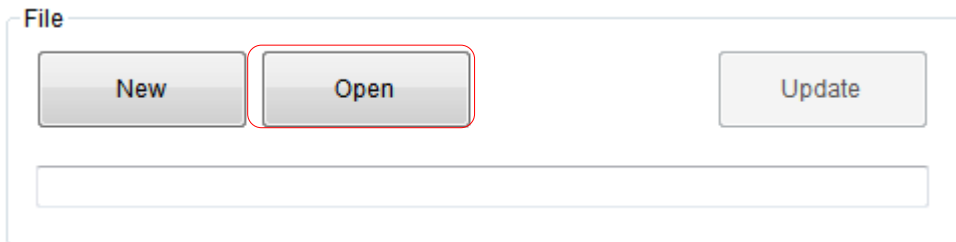


Step 3. Wait while the connection is being established. It is done when ARETE POP information is displayed on information view.

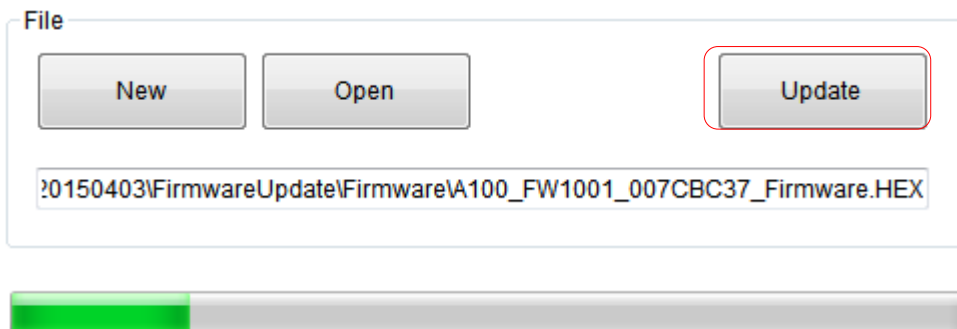
Current Reader Info.	
MODEL:	A100-J10
REGION:	JP
PID:	1J14930000
FID:	007899FA
Bootloader:	0x10



Step 4. Click **Open** button to load firmware binary file.



Step 5. Click **Update** button to start updating firmware. During updating process, progress bar will be moving.



**Caution: DO NOT REMOVE THE ARETE POP FROM USB WHILE FIRMWARE UPGRADING, IT MAY CAUSE SERIOUS DAMAGE.**

Step 6. Update is done, remove ARETE POP from USB cable.

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