

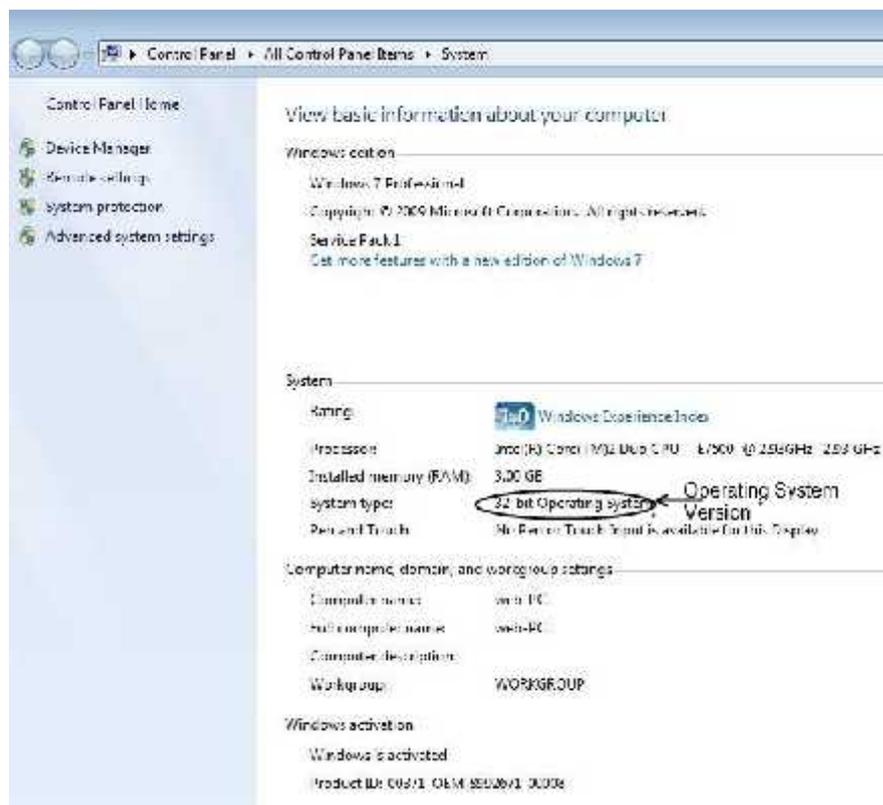
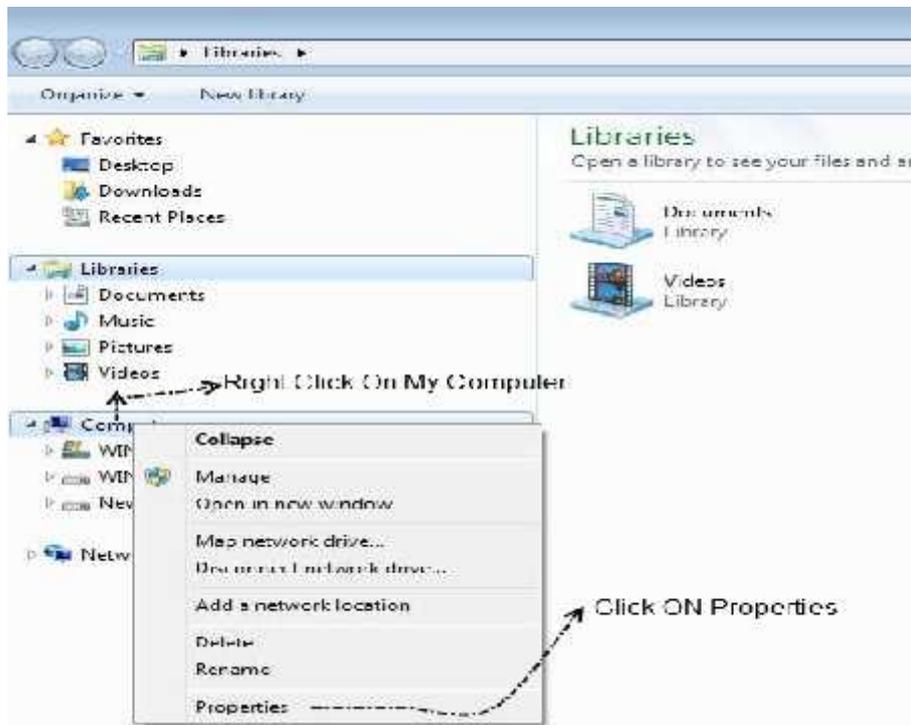
# SecuGen Hamster Pro 20

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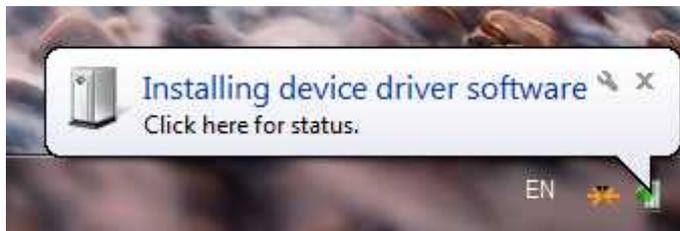
## Device Driver Installation and Testing

Please follow the steps below to install the driver for the SecuGen Hamster Pro 20 device.

- Log on to System with Administrator Account
- Check and note your Windows OS system type and whether it is 32-bit or 64-bit

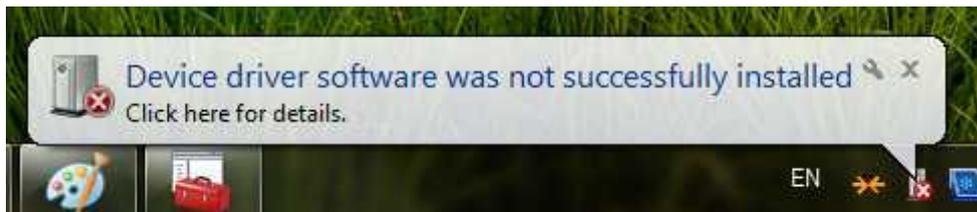


- Download Secugen Pro U20 legacy Device Driver from <http://secugenindia.com/rdservice.html>  
[SecuGen Pro20 Device Drivers](#)
- Download and extract “ U20\_Legacy\_Driver\_v127.zip” file
- Now Disconnect the System from Local Network/Internet.
- Connect the SecuGen Hamster Pro20 Device to your system, it will automatically try to update the Device Drivers.

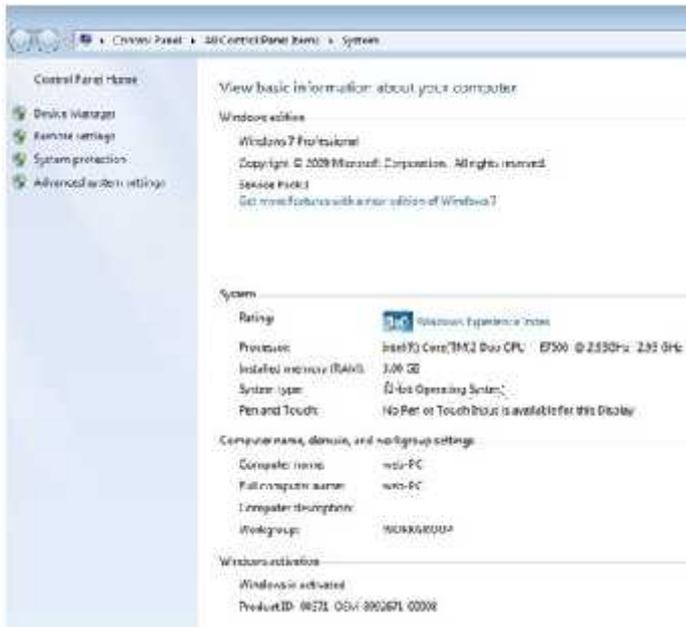


Double Click on this option.

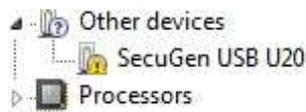
- Skip Automatic Driver Installation Process .



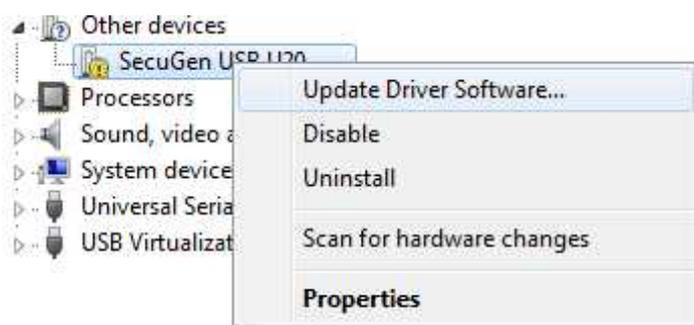
- Install the device drivers manually. Click on the Start Button and open the Control Panel. Select Device Manager. Alternatively open Windows Explorer and right click on Computer and select Device manger.



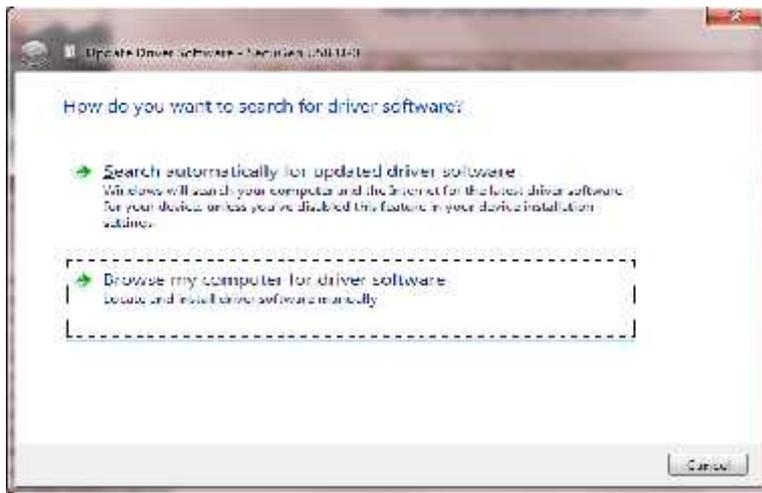
- In the Device Manager Window look for “SecuGen USB U20” in yellow.



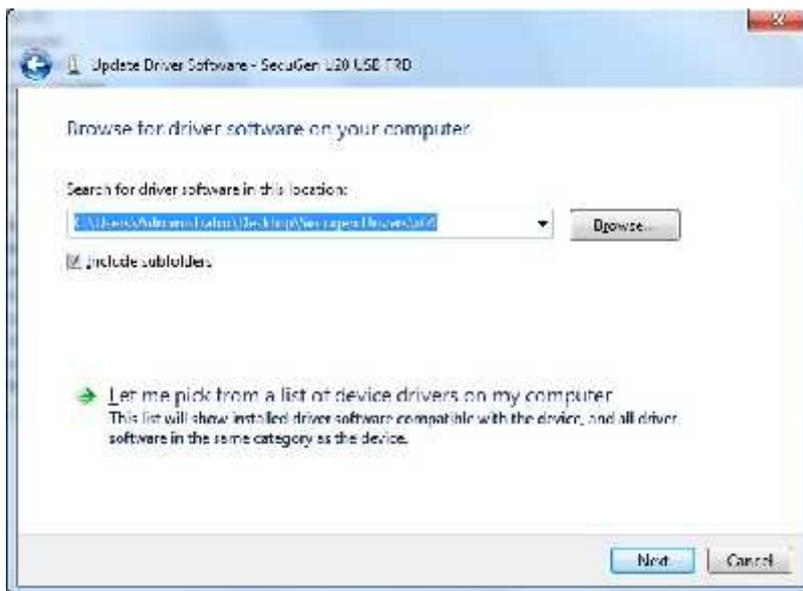
- Now Right-click on SecuGen USB U20 device and select “Update Driver Software...”



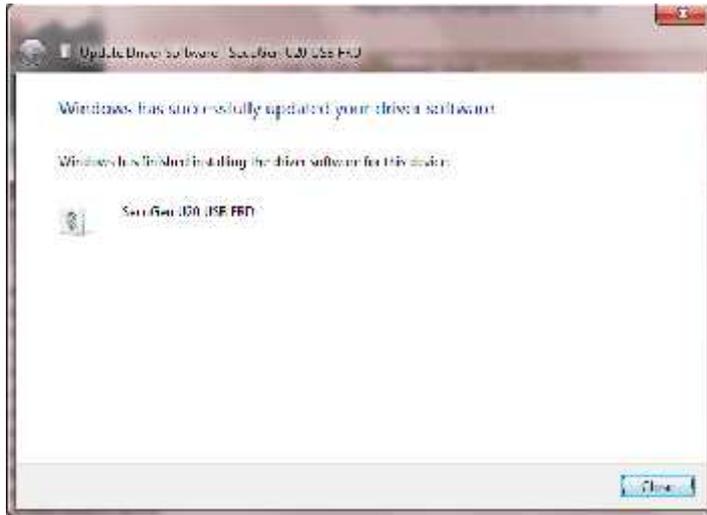
- A Dialog box will be Displayed select “Browse my computer for driver software.” Option.



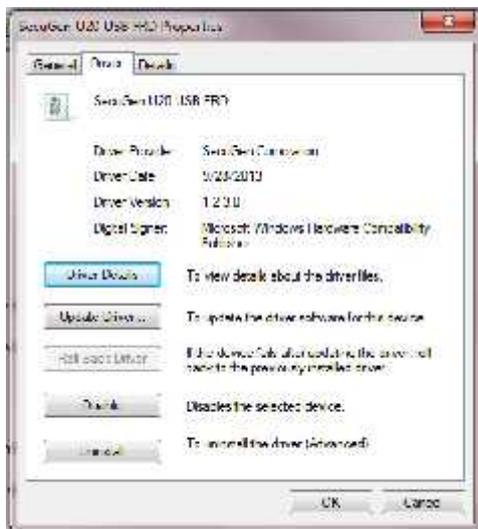
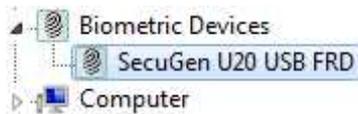
- Now browse to the extracted driver folder. If your system is 32-bit then use the 'x86' folder or the 'x64' folder if 64-bit.



- Once the Device Driver is updated it will show a success message.



- In Device Manager Window, you can see the device entry for the SecuGen HU20.



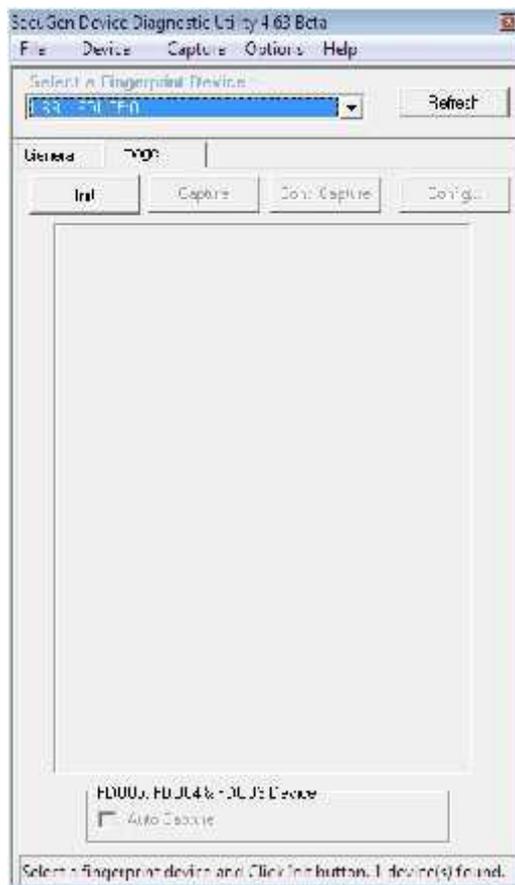
**Note:** If you do not skip the Automatic Driver Installation Process, Windows will install its default driver and it would be shown as "SecuGen Finger Print Device" in the Biometric Device Option within Device Manager. If you install the driver manually as described above it will display as "SecuGen U20 USB FRD" within the Device Manager.

**Test the SecuGen Hamster Pro 20 for correct driver installation.**

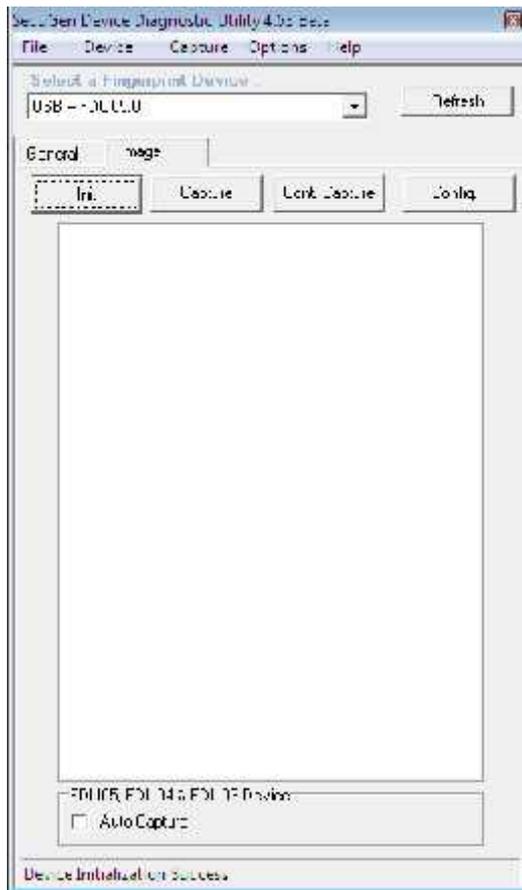
Use the **sgdx.exe** tool to check that the device is working correctly. There are three steps involved in the test.

- Identification of the device
- Initialization of the device
- Capture your fingerprint.

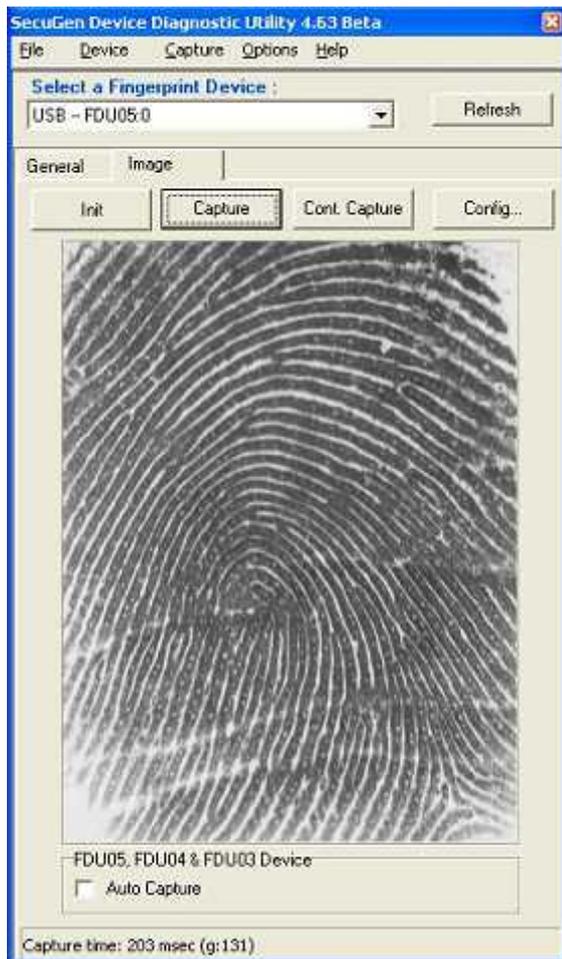
The images below show how to use the tool as per the three steps mentioned above



**Step 1:** if the selected device does not show USB - FDU05 when the Hamster Pro 20 is plugged in then the drivers have been incorrectly installed.



**Step 2:** Once the device has been correctly selected click on 'Init' to initialize the device. If the drivers have been correctly installed and the device is connected you should see a success message at the bottom



**Step 3:** Place your finger on the device and click on 'capture'. You should see your fingerprint displayed on the window. This indicates that the device and the drivers have been installed correctly.

**IMPORTANT:** The above steps only indicate that the device and the drivers are functioning correctly. For an application to integrate with the device the application developer needs to ensure that correct SecuGen device API files are installed with the application.