

Advantech AE Technical Share Document

Date	2019 / 03 / 22	Release Note	<input type="checkbox"/> Internal <input checked="" type="checkbox"/> External
Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP	Related OS	Windows 7 / 8 / 10
Abstract	How to recalibrate capacitive touch using eGalaxTestManager?		
Keyword	capacitive touch, recalibrate, eGalaxTestManager		
Related Product	PPC-3151		

■ **Problem Description:**

Due to changes in an environment's magnetic field or new system installation, the touch screen may operate incorrectly.

■ **Brief Solution - Step by Step:**

Note:

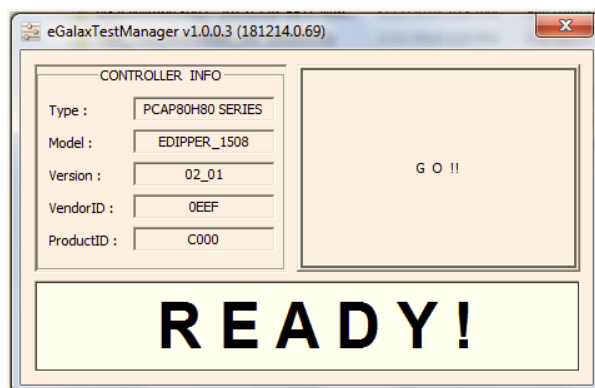
- A. There are two scenario for recalibration tool, please use Please use the corresponding steps according to different scenarios.
- B. Don't install the resistive touch drive on the platform. Uninstall if it's already installed.
- C. To avoid unnecessary interference during calibration, use a mouse (not touch) for step1 to step3.

Scenario 1

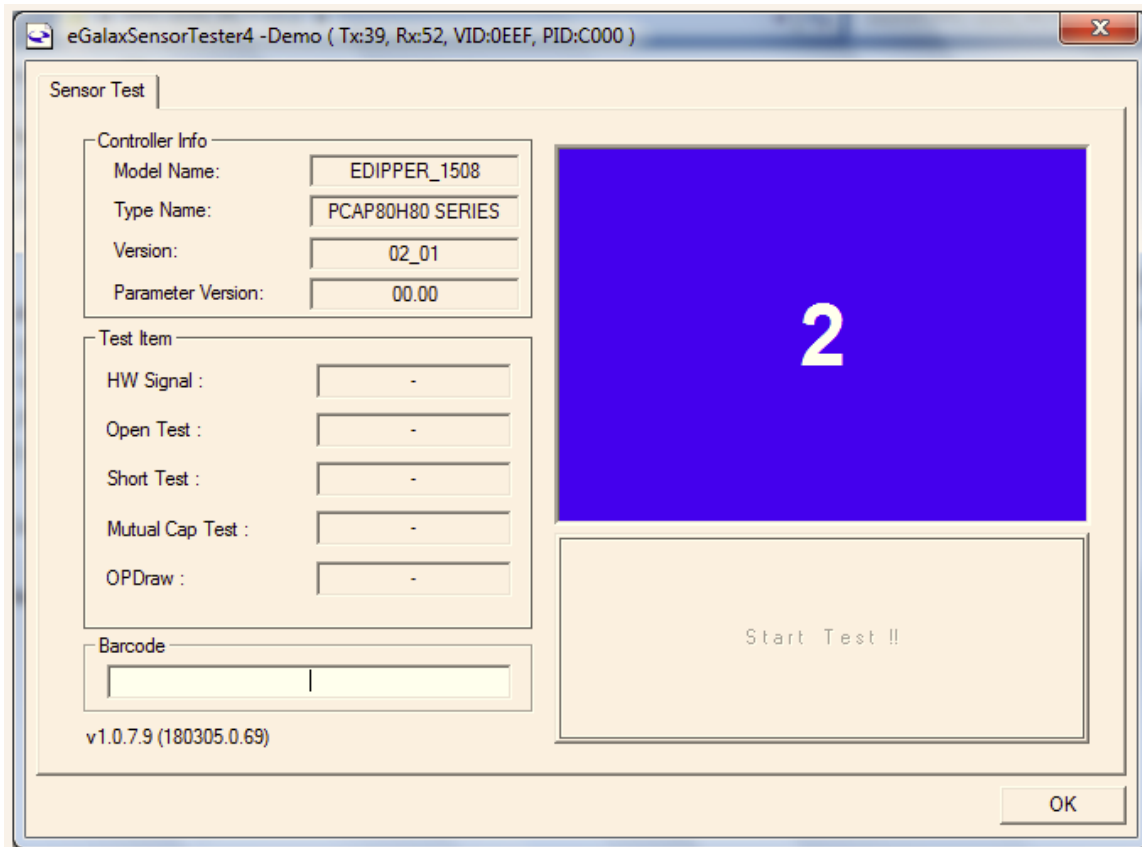
1. Download and unzip the recalibration tool from Advantech website(search PPC-3151), then click GalaxTestManager
https://support.advantech.com/support/DownloadSRDetail_New.aspx?SR_ID=1-1P8Q1X2&Doc_Source=Download

Name	Date modified	Type	Size
eGalaxWorks3062~20151229-EETI-Win...	3/22/2019 5:34 PM	File folder	
Test_Tool_PCFG0060_v01 (20181015)	3/22/2019 5:33 PM	File folder	
eGalax.dat	12/14/2018 3:32 PM	DAT File	2 KB
<input checked="" type="checkbox"/> eGalaxTestManager	12/14/2018 3:36 PM	Application	3,855 KB
HIDdAPI.dll	11/27/2018 10:16 ...	Application extens...	2,093 KB
ManagerSetting	12/20/2018 8:37 AM	Configuration sett...	1 KB

2. When the tool shows ready status, click "GO" to run the utility.



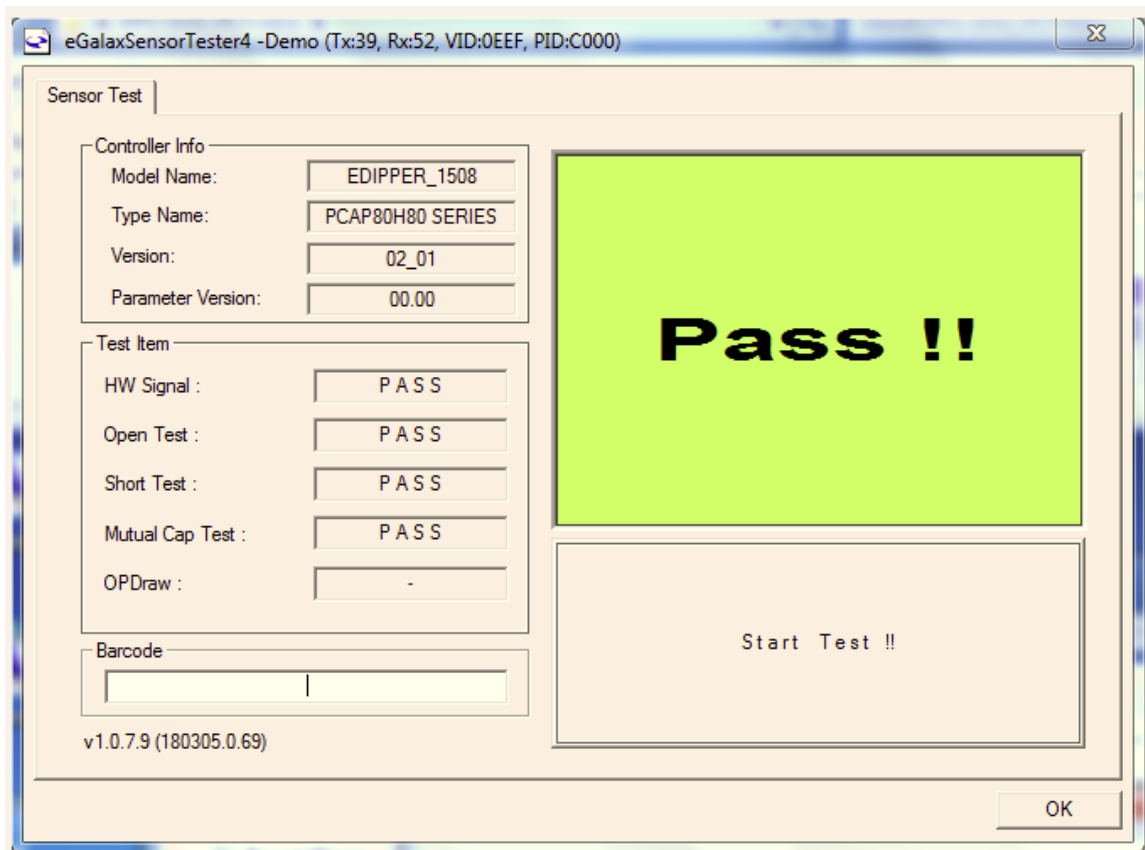
- Click on “Start test” button to initial the self-test and recalibration.



- Do not touch the screen during testing.



- When the tool shows “Pass”, the process of self-test and recalibration are finish

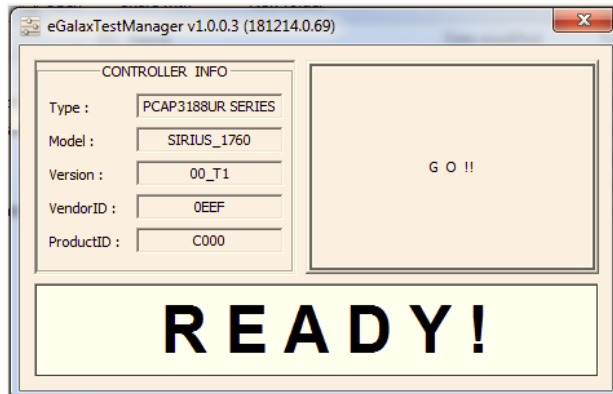


Scenario 2

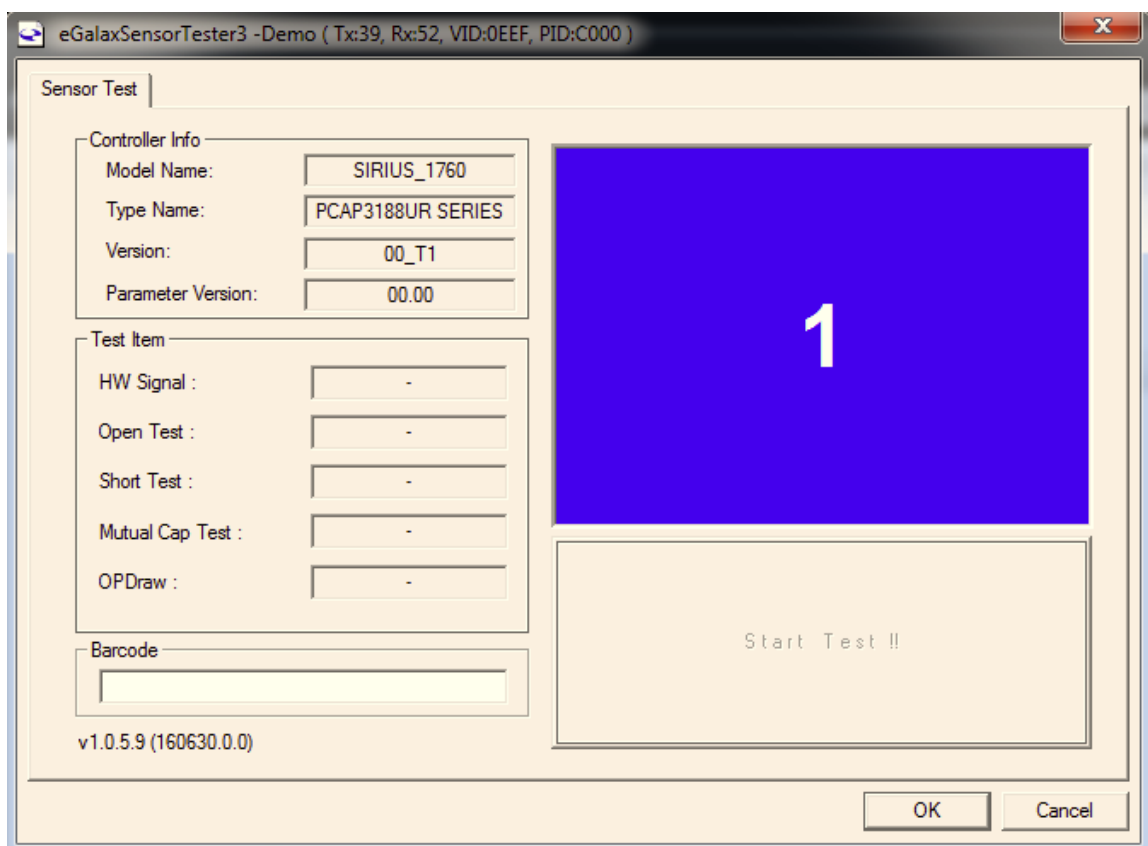
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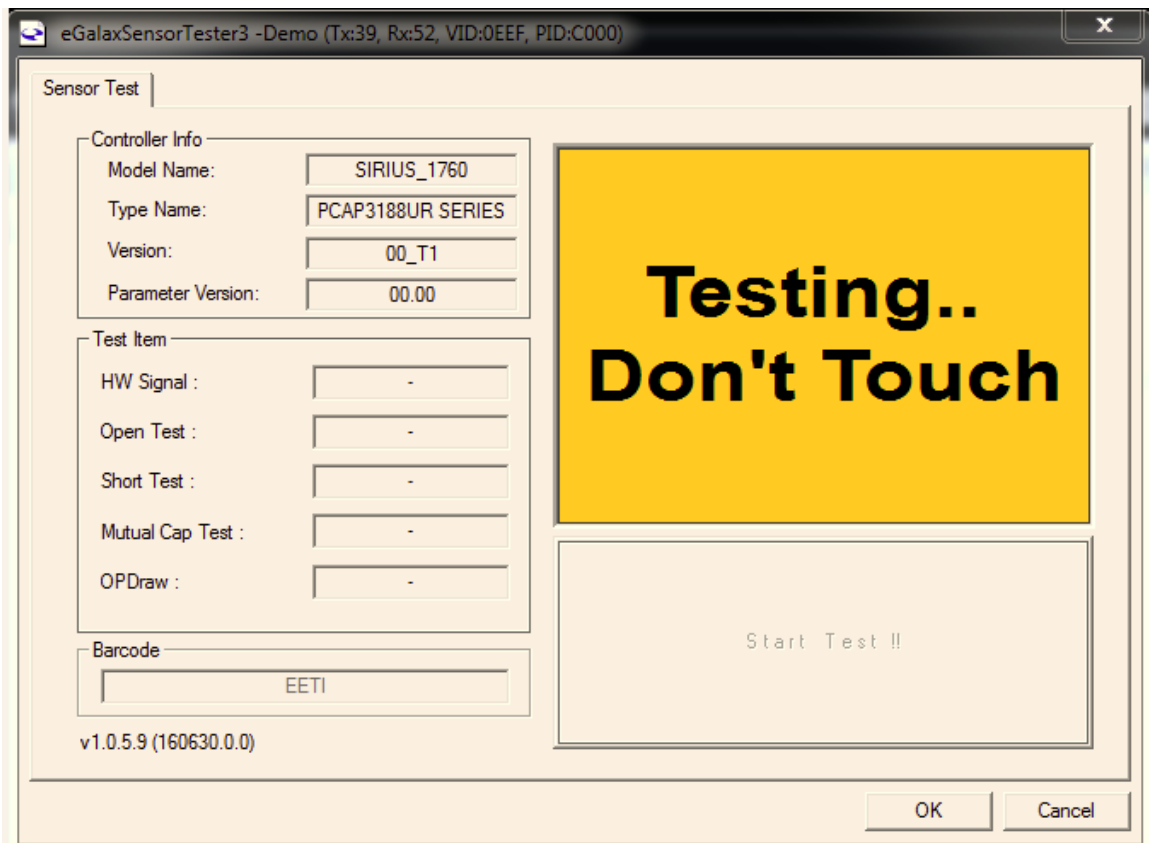
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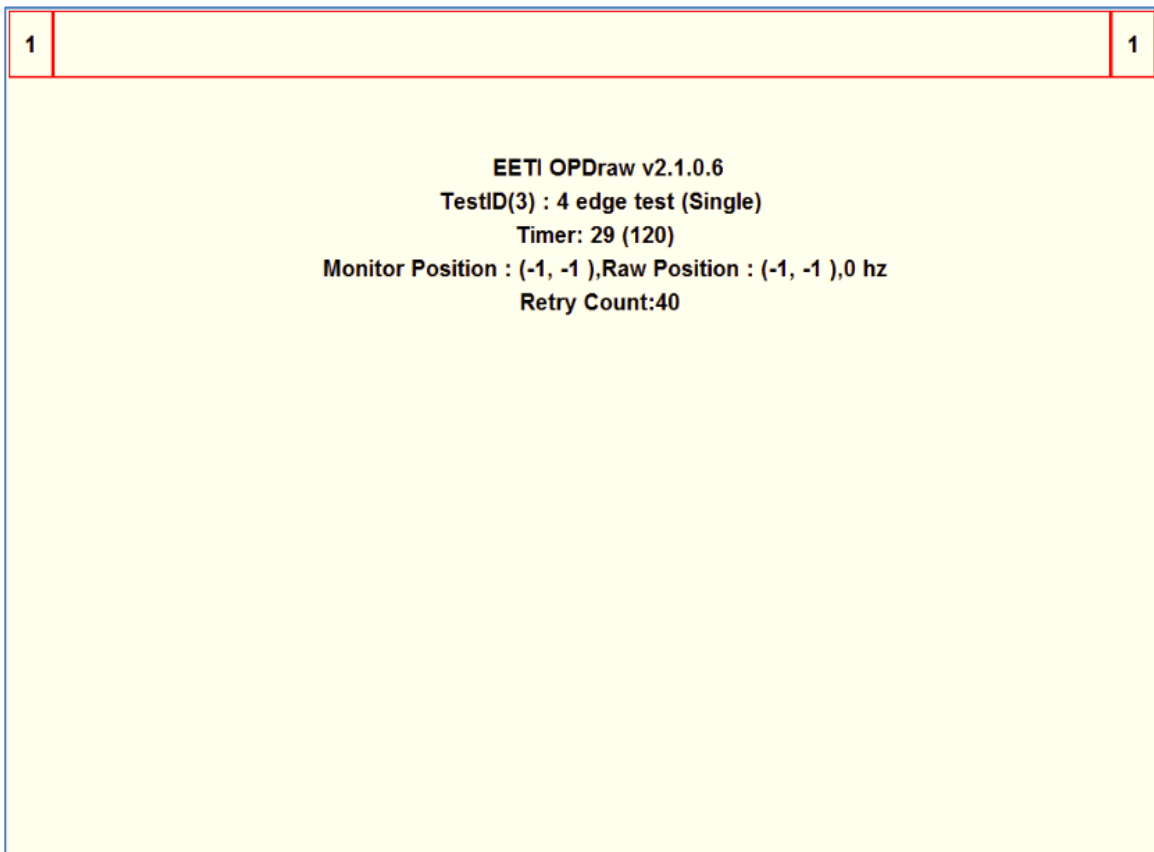
- Click on “Start test” button to initial the self-test and recalibration.



4. Do not touch the screen during testing.

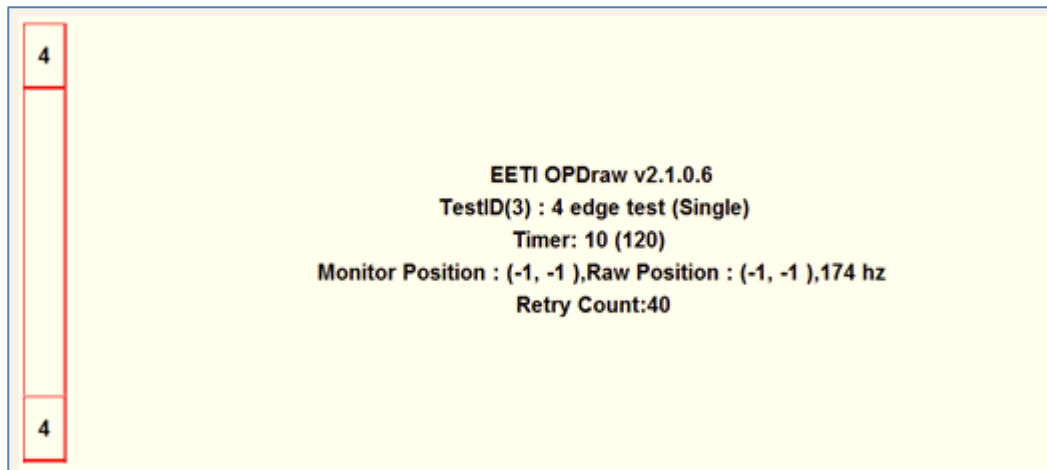


5. As with the below picture, use your finger to draw a line in the red area within 120 seconds. (Don't exceed the red area in the process, otherwise it will failed for test)



<p style="text-align: center;"> EETI OPDraw v2.1.0.6 TestID(3) : 4 edge test (Single) Timer: 53 (120) Monitor Position : (-1, -1),Raw Position : (-1, -1),174 hz Retry Count:40 </p>	2
	2

<p style="text-align: center;"> EETI OPDraw v2.1.0.6 TestID(3) : 4 edge test (Single) Timer: 81 (120) Monitor Position : (-1, -1),Raw Position : (-1, -1),174 hz Retry Count:40 </p>	
3	3



6. When the tool shows “Pass”, the process of self-test and recalibration are finish

