



HP Point of Sale (POS) Peripherals Configuration Guide – ap5000 VFD (JPOS)

**Document Version 3.23
November 2010**

© Copyright 2007-2010 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice.

Microsoft, MS-DOS, Windows, WEPOS, POSReady and Windows NT are trademarks of Microsoft Corporation in the U.S. and other countries.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

HP Point of Sale (POS) Peripherals Configuration Guide – ap5000 VFD (JPOS)
Document Version 3.23.0003

November 2010

Contents

- 1 HP Point of Sale Peripherals 4
 - 1.1 HP ap5000 VFD (Vacuum Fluorescent Display)..... 4
 - 1.1.1 Connection 4
 - 1.1.2 Connection 4
 - 1.1.3 JPOS Drivers for the HP ap5000 VFD 4
- 2 Q & A..... 11
 - 2.1 HP ap5000 VFD (JPOS) 11

1 HP Point of Sale Peripherals

1.1 HP ap5000 VFD (Vacuum Fluorescent Display)



1.1.1 Connection

The VFD on the HP ap5000 system is connected via serial interface. When attached at the HP factory the VFD is installed on COM2 as the default location. The HP ap5000 VFD can be connected either on COM2 or COM1 on the ap5000 unit; it **cannot** be used on COM3.

If the VFD is moved to factory default location, please go into the BIOS and enable 5V on the COM2 and disable 5V on COM1.

	ap5000 VFD
Port	COM2 (default) or COM1
Baud Rate	38400
Data Bit	8
Parity	None
Stop Bit	1
Flow Control	Hardware

1.1.2 Connection

Windows operating system supports serial port COM1/COM2, so no extra drivers are needed to be installed.

1.1.3 JPOS Drivers for the HP ap5000 VFD

The JPOS drivers are included in the HP Point of Sale image or can be obtained from HP POS Drivers and Documentation CD or from the HP.COM web site.

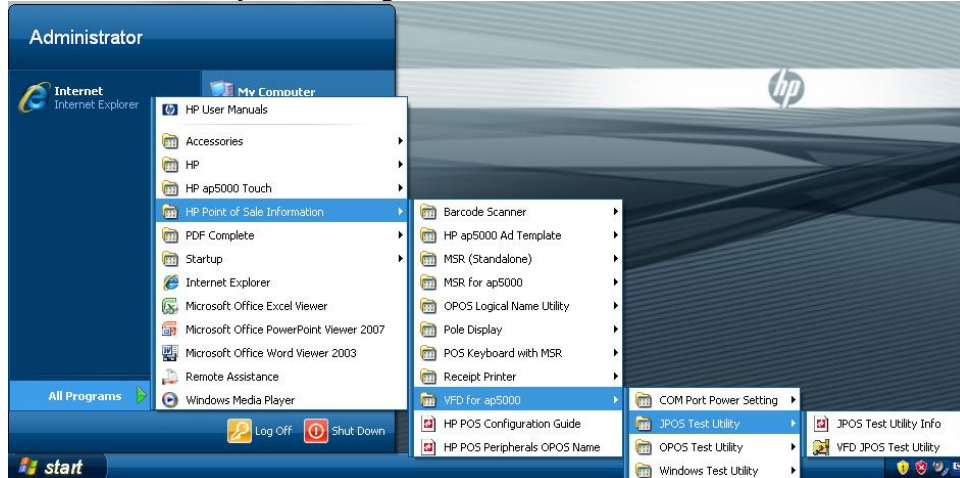
The following is an overview of the steps to test the receipt printer followed by details steps:
Start the JPOS test utility.

1. Start the JPOS test utility either using the link in the START MENU:
2. Click on the "LineDisplay" tab.
3. Replace the "defaultLineDisplay" that appears in the logical name box with "HPap5000LineDisplay".

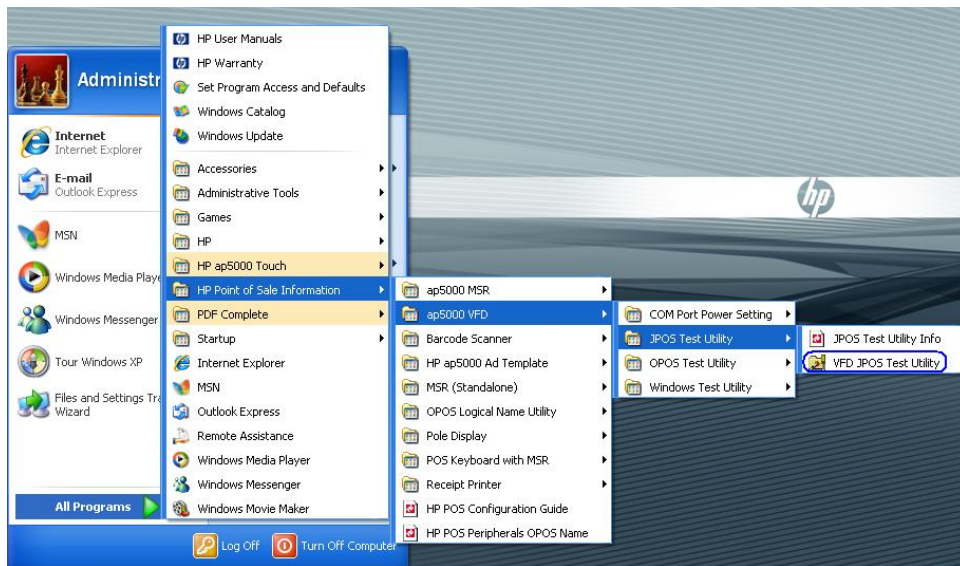
4. Click on the “OPEN” button.
5. Click on the “CLAIM” button.
6. Check the “DEVICE ENABLED” so there is a check box.
7. Press the “CLEAR TEXT” button.
8. Type in the test message in the “Send to line display” box and click on “Display Text”
9. Click on “RELEASE” / “CLOSE” / “EXIT” to exit the JPOS test utility.

Detail Steps

1. Start the JPOS test utility either using the link in the START MENU:



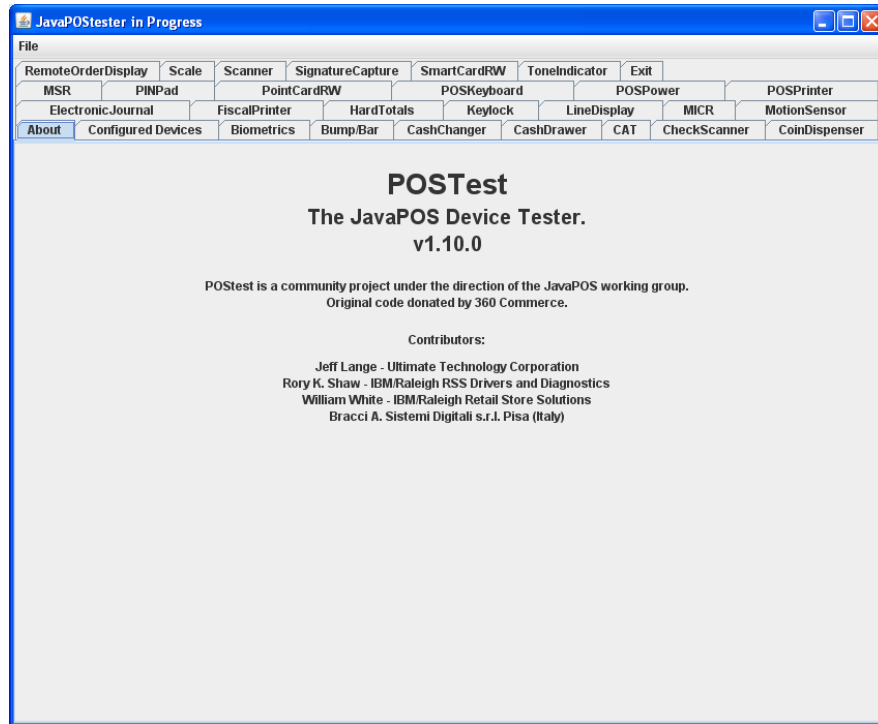
OR



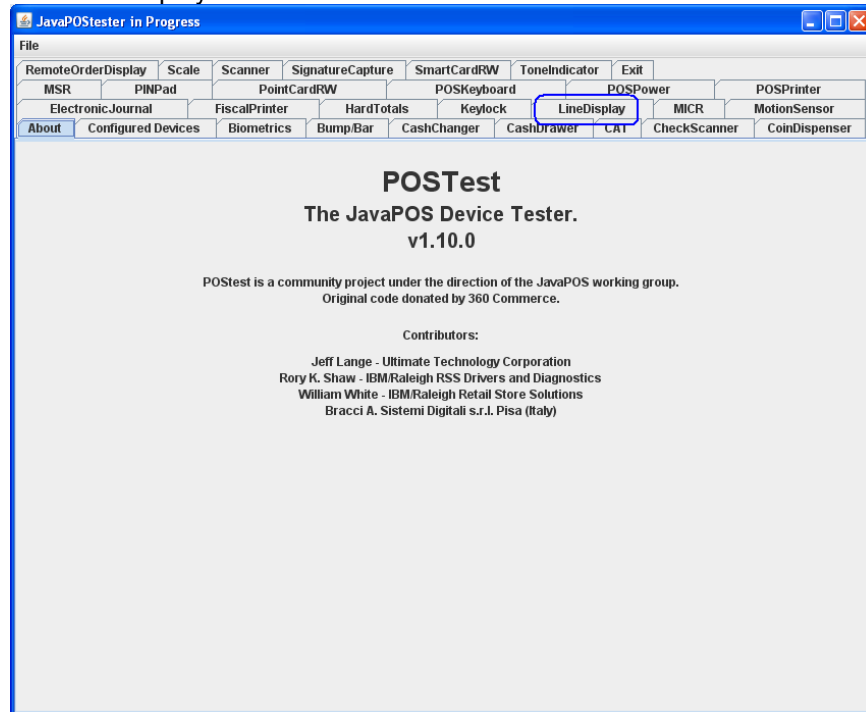
OR

by launching the POSTEST.BAT file that is located in the JPOS folder within the ap5000 VFD JPOS folder.

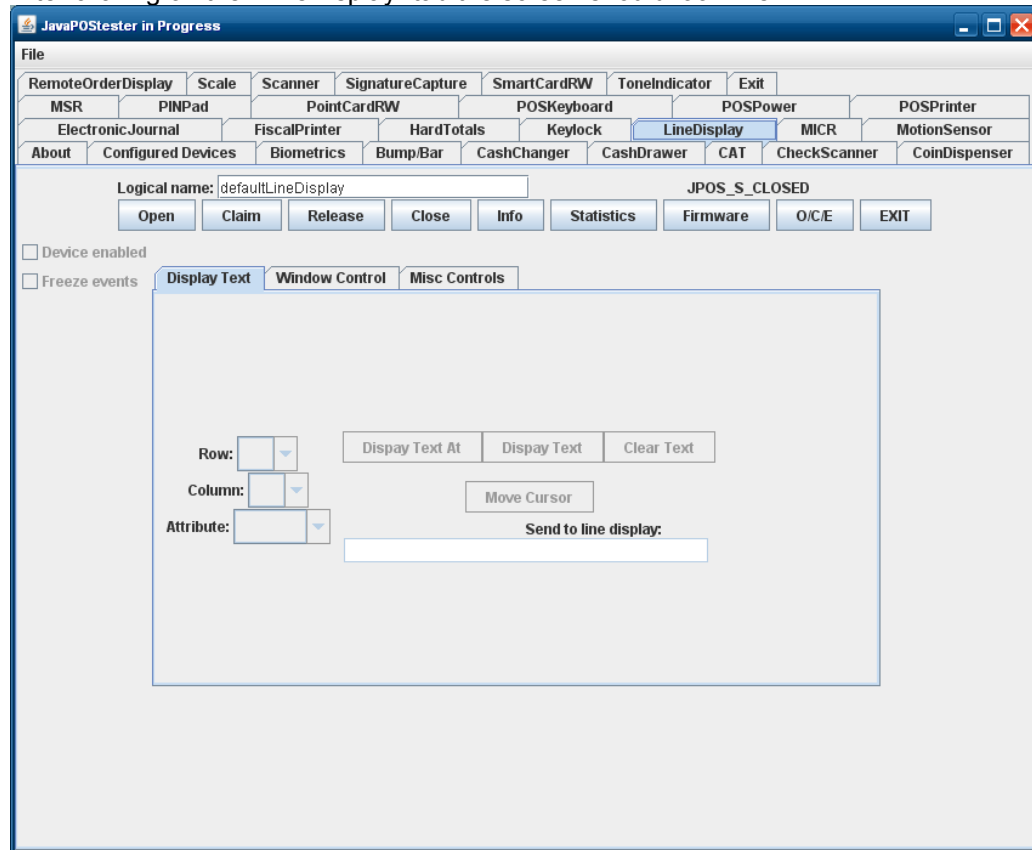
After a few seconds the JPOS test utility GUI will appear as shown below:



2. Click on the “LineDisplay” tab:

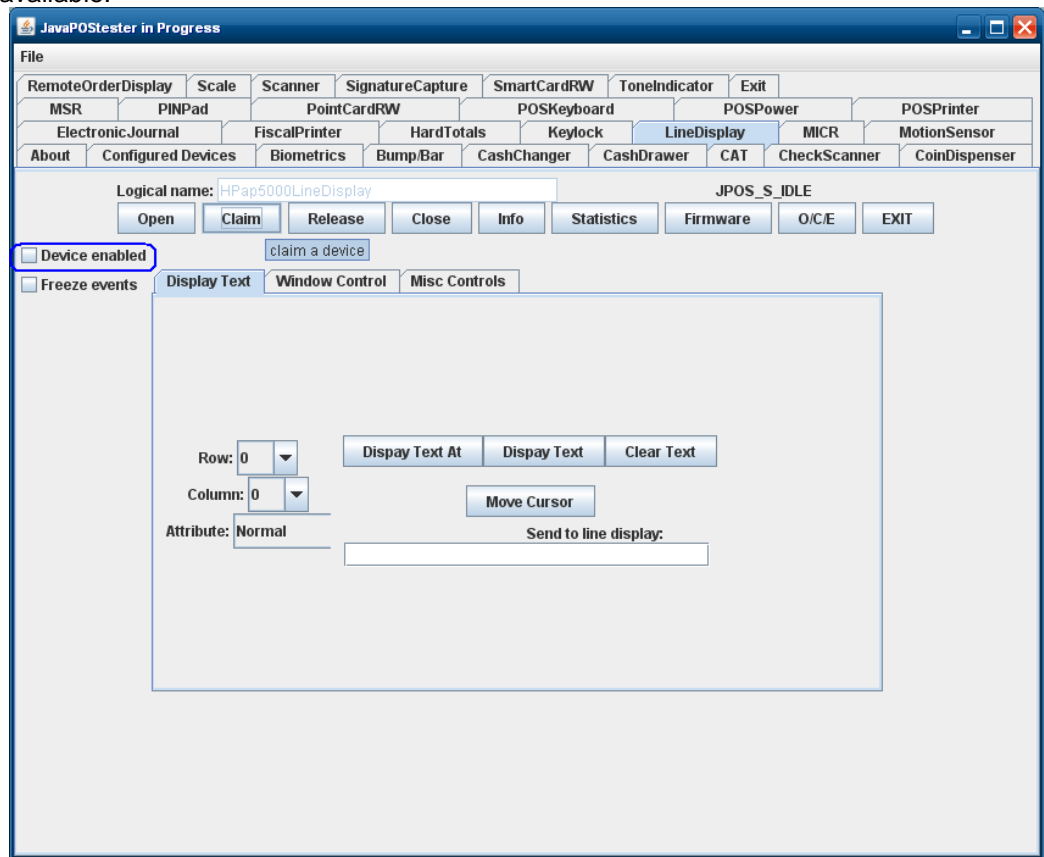


After clicking on the “LineDisplay” tab the screen should look like:

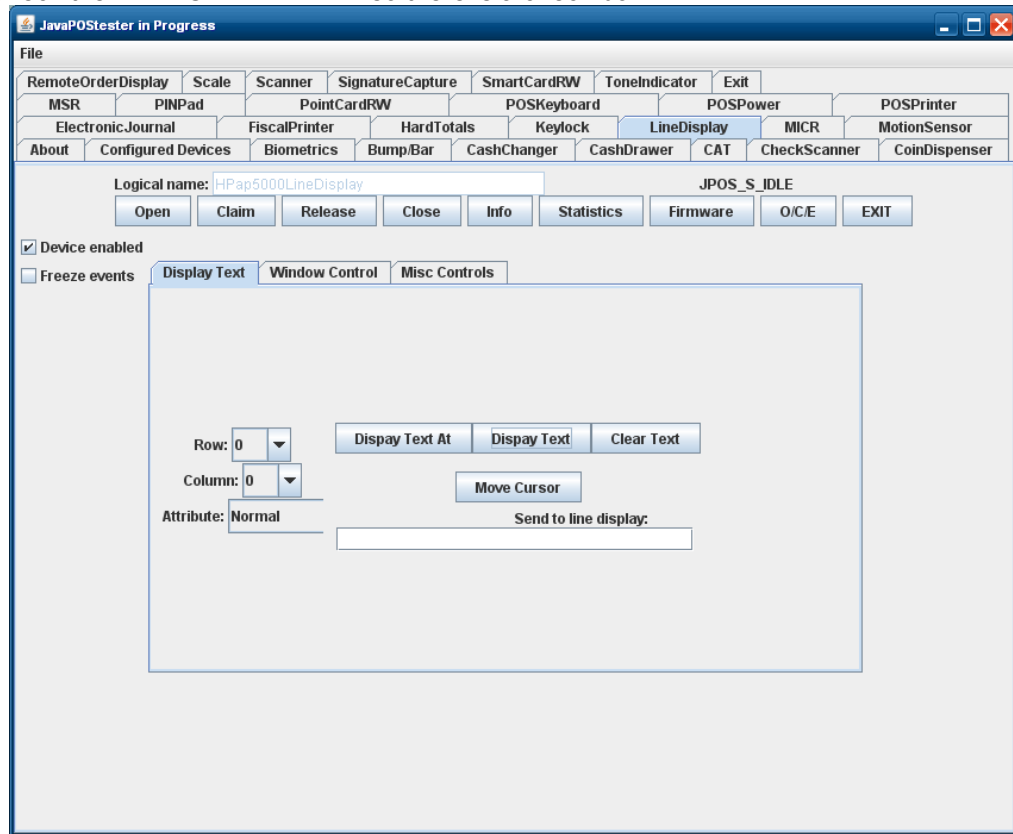


3. The logical name of the device is “HPap5000LineDisplay”. Replace the “defaultLineDisplay” that appears in the logical name box with “HPap5000LineDisplay”. If one clicks on the “Configured Device” tab, the names for the device will appear that will be used in the test utility.

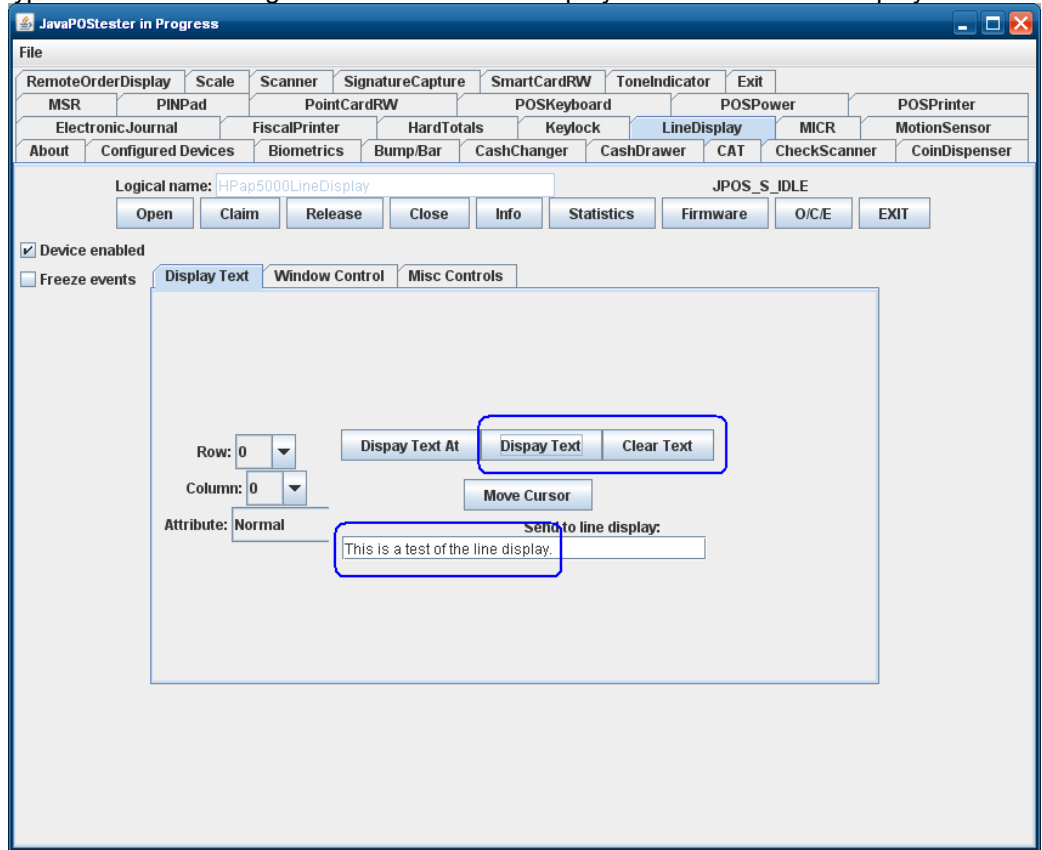
4. Click on the “OPEN” button.
5. Click on the “CLAIM” button. After clicking the “CLAIM” button, the “Device Enabled” is available.



6. Check the “DEVICE ENABLED” so there is a check box.



7. Press the “CLEAR TEXT” button.
8. Type in the test message in the “Send to line display” box and click on “Display Text”



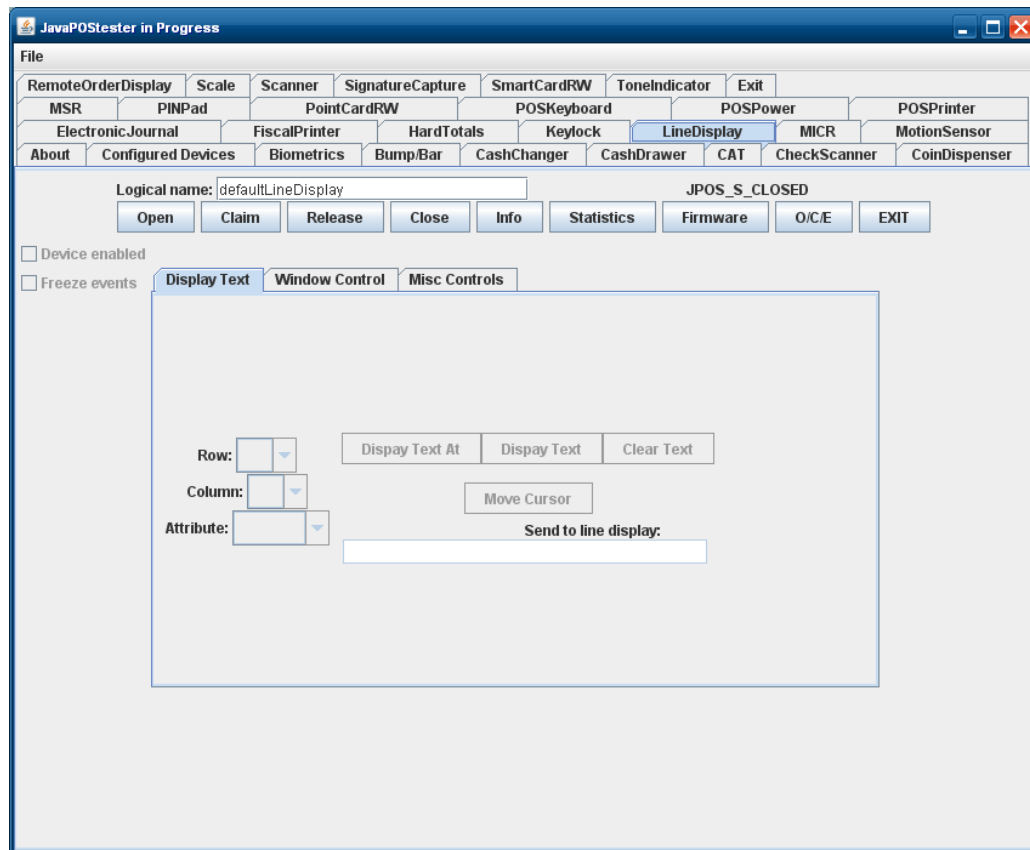
Note: On the JPOS tester utility when “INFO” button is pressed one will receive an exception. The exception error can be safely ignored; all the functions of the pole display under JPOS are working correctly.

9. Click on “RELEASE” / “CLOSE” / “EXIT” to exit the JPOS test utility.

2 Q & A

2.1 HP ap5000 VFD (JPOS)

Question: In the JPOS test utility, after I click on the “OPEN” button I receive a failed message when the default name is used that appears in the JPOS test utility. How to fix this error?



Answer: The logical name of the device is “HPap5000LineDisplay”. Replace the “defaultLineDisplay” that appears in the logical name box with “HPap5000LineDisplay”. If one clicks on the “Configured Device” tab, the names for the device will appear that will be used in the test utility.