

JavaPOS Software User Guide

For MSR213U Series Magnetic Stripe Card Reader

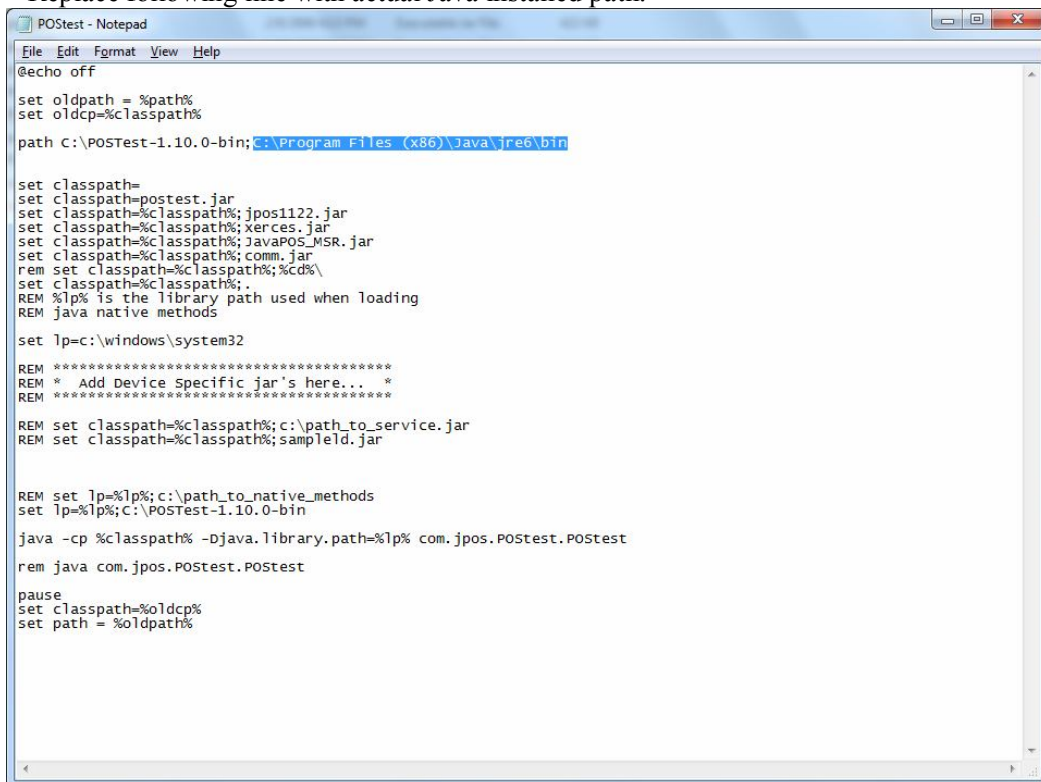
**UIC Document Number: PM072-J Revision 1
December 28, 2010**

ABOUT UIC JAVAPOS SOFTWARE:

“POSTest-1.10.0-bin”, the UIC JavaPOS software which contains JavaPOS POSTest(a JavaPOS application for testing JavaPOS devices), the MSR210D JavaPOS Service Object and MSR Device Control.

PREREQUISITES:

- Download and install Java software for Windows on your system. For example Java 6 (update 23)
- Copy the archive “POSTest-1.10.0-bin”(including all subfolders and files) to C drive's root directory.
- In “C:\POSTest-1.10.0-bin” edit the windows batch file “POSTest”.
- Replace following line with actual Java installed path.



```
POSTest - Notepad
File Edit Format View Help
@echo off

set oldpath = %path%
set oldcp=%classpath%

path c:\POSTest-1.10.0-bin;c:\Program Files (x86)\Java\jre6\bin

set classpath=
set classpath=postest.jar
set classpath=%classpath%;jpos1122.jar
set classpath=%classpath%;xerces.jar
set classpath=%classpath%;javaPOS_MSR.jar
set classpath=%classpath%;comm.jar
rem set classpath=%classpath%;%cd%\
set classpath=%classpath%;
REM %lp% is the library path used when loading
REM java native methods

set lp=c:\windows\system32

REM *****
REM * Add Device Specific jar's here... *
REM *****

REM set classpath=%classpath%;c:\path_to_service.jar
REM set classpath=%classpath%;sampled.jar

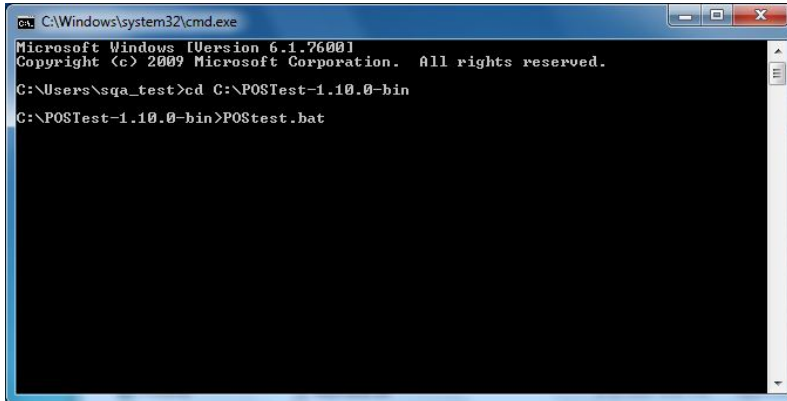
REM set lp=%lp%;c:\path_to_native_methods
set lp=%lp%;c:\POSTest-1.10.0-bin

java -cp %classpath% -Djava.library.path=%lp% com.jpos.POSTest.POSTest
rem java com.jpos.POSTest.POSTest

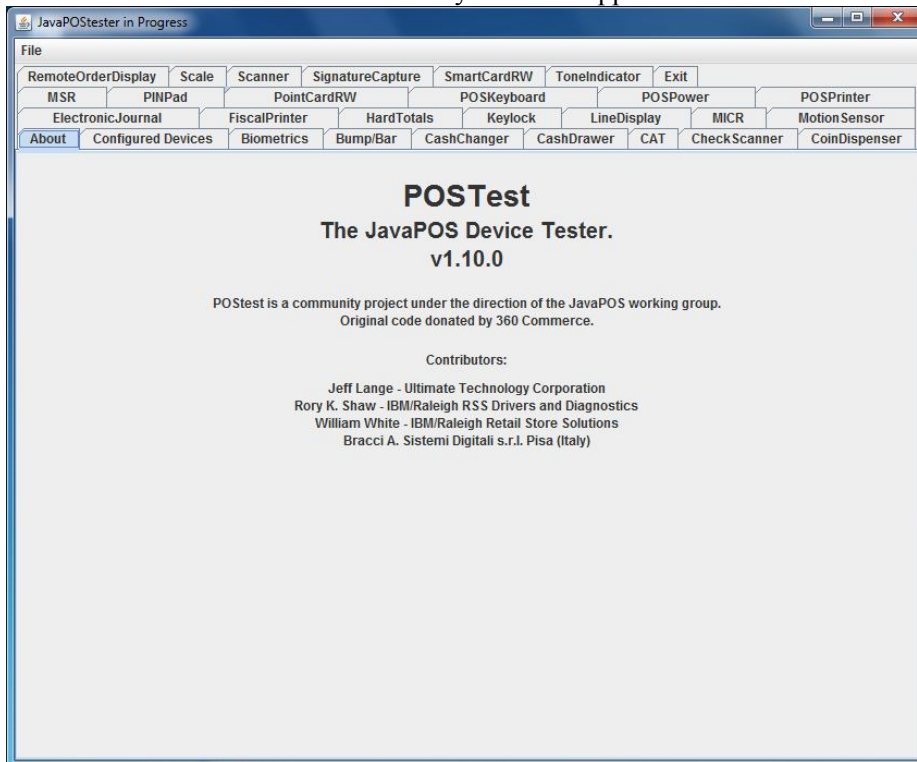
pause
set classpath=%oldcp%
set path = %oldpath%
```

OPERATION INSTRUCTIONS:

1. Run “POSTest.bat” as administrator in DOS mode.



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

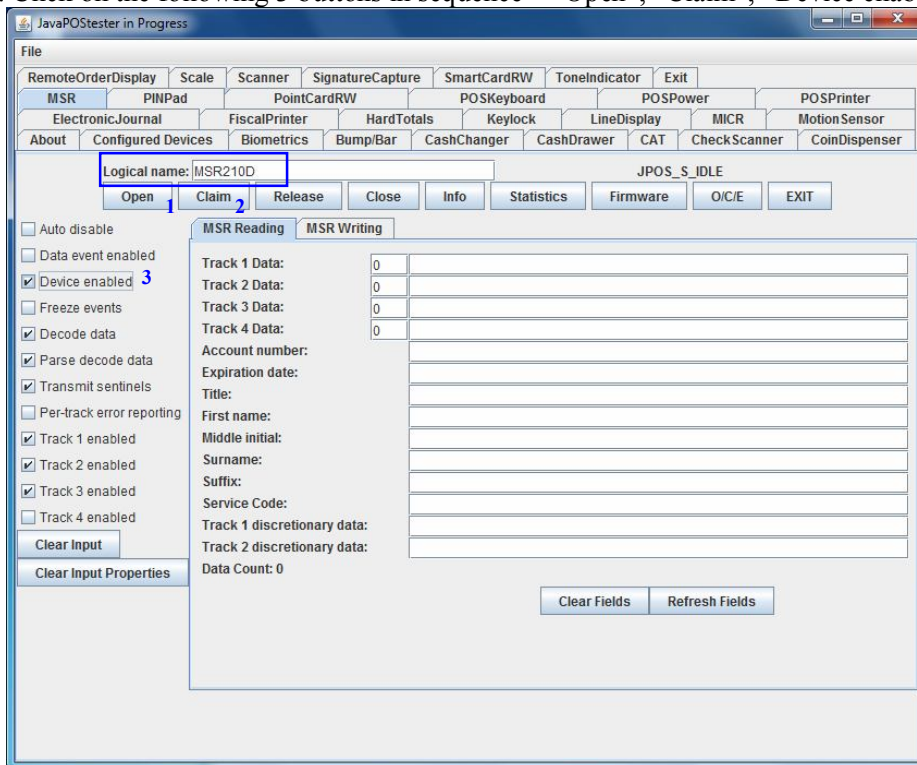


2. Select the “MSR” tab. After clicking on the “MSR” tab the screen should look like:

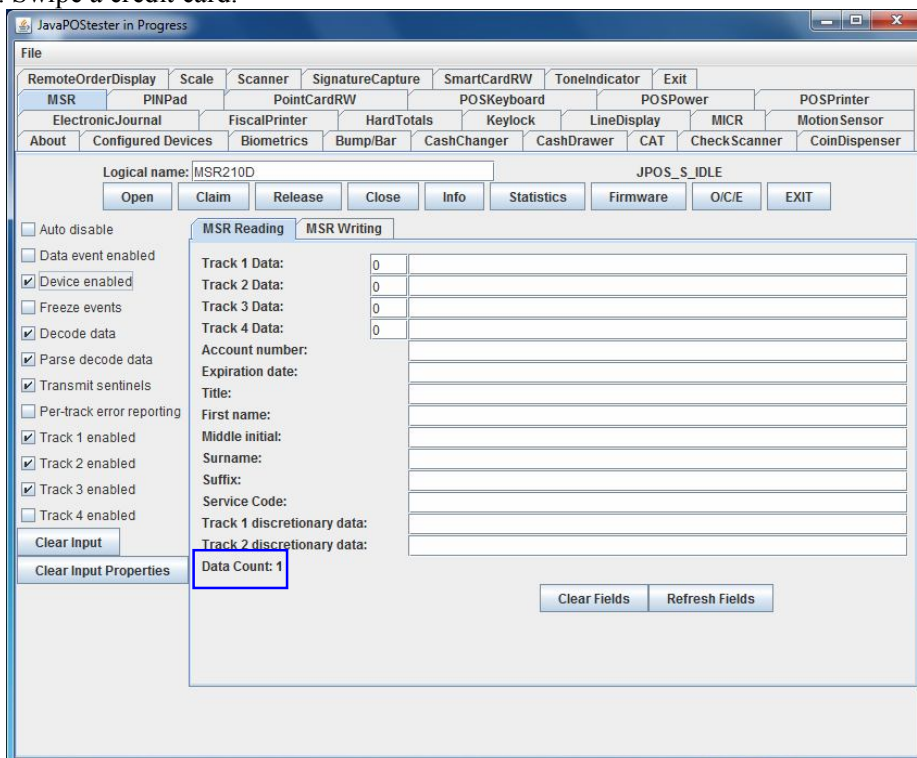
Note: The logical name of the device is “**MSR210D**”(case-sensitive), you can’t use “defaultMSR” that appears in the logical name box. If one clicks on the “Configured Devices” tab, the names for the device will appear that will be used in the test utility.

Category	Logical Name	Vendor	Product Name
MSR	MSR210D	Uniform Industrial Corp	UIC MSR210D Service for JavaPOS Standard

3. Click on the following 3 buttons in sequence – “Open”, “Claim”, “Device enabled”.



4. Swipe a credit card.



5. Click on “Data event enabled” to get the track data.

JavaPOSTester in Progress

File

RemoteOrderDisplay Scale Scanner SignatureCapture SmartCardRW ToneIndicator Exit

MSR PINPad PointCardRW POSKeyboard POSPower POSPrinter

ElectronicJournal FiscalPrinter HardTotals Keylock LineDisplay MICR Motion Sensor

About Configured Devices Biometrics Bump/Bar CashChanger CashDrawer CAT Check Scanner CoinDispenser

Logical name: MSR210D JPOS_S_IDLE

Open Claim Release Close Info Statistics Firmware O/C/E EXIT

☐ Auto disable

☒ Data event enabled

☒ Device enabled

☐ Freeze events

☒ Decode data

☒ Parse decode data

☒ Transmit sentinels

☐ Per-track error reporting

☒ Track 1 enabled

☒ Track 2 enabled

☒ Track 3 enabled

☐ Track 4 enabled

Clear Input

Clear Input Properties

MSR Reading MSR Writing

Track 1 Data: 61 %B4552720412345677*VISA/CARD*12120000000000000000000000000000?

Track 2 Data: 39 ;4552720412345677=12120000000000000000000000000000?

Track 3 Data: 0

Track 4 Data: 0

Account number: 4552720412345677

Expiration date: 1212

Title:

First name: CARD

Middle initial:

Surname: VISA

Suffix:

Service Code: 000

Track 1 discretionary data: 00000000000000000000000000000000

Track 2 discretionary data: 00000000000000000000000000000000

Data Count: 0

Clear Fields Refresh Fields

6. To close the test application click on “Release”, “Close” and then “EXIT”.

JavaPOSTester in Progress

File RemoteOrderDisplay Scale Scanner SignatureCapture SmartCardRW ToneIndicator Exit

MSR PINPad PointCardRW POSKeyboard POSPower POSPrinter
ElectronicJournal FiscalPrinter HardTotals Keylock LineDisplay MICR Motion Sensor
About Configured Devices Biometrics Bump/Bar CashChanger CashDrawer CAT Check Scanner CoinDispenser

Logical name: MSR210D JPOS_S_CLOSED
Open Claim Release Close Info Statistics Firmware O/C/E EXIT

☐ Auto disable
☐ Data event enabled
☐ Device enabled
☐ Freeze events
☒ Decode data
☒ Parse decode data
☒ Transmit sentinels
☐ Per-track error reporting
☒ Track 1 enabled
☒ Track 2 enabled
☒ Track 3 enabled
☐ Track 4 enabled

Clear Input

Clear Input Properties

MSR Reading MSR Writing

Track 1 Data: 61 %B4552720412345677*VISA/CARD*12120000000000000000000000000000
Track 2 Data: 39 :4552720412345677=12120000000000000000000000000000
Track 3 Data: 0
Track 4 Data: 0

Account number: 4552720412345677
Expiration date: 1212
Title:
First name: CARD
Middle initial:
Surname: VISA
Suffix:
Service Code: 000
Track 1 discretionary data: 00000000000000000000000000000000
Track 2 discretionary data: 0000000000000000
Data Count: 0

Clear Fields Refresh Fields