

MSR210D, MSR210U and MSR213U JAVA POS Installation ver:04

- Make sure if the system had been already installed JAVA platform. If not, install it first.
- Install 210JPSxx JAVA POS driver. The driver installation includes MSR21x JAVA POS driver and demo AP (It is located on the directory “C:\JPOSTest\MSR210D”.)
- For running the demo AP, first go to find “POStest.bat” and change this file’s content, the item for “demo AP” path and “system’s JAVA POS platform”. The path content in “POStest.bat” file must be pointed where the directories are located for the demo AP and “JAVA POS” platform. Here is the example as below.
“path C:\JPOSTest\MSR210D;C:\Program Files\Java\jre1.5.0_02\bin”
- JAVA POS Demo AP
 - 1) Run “POStest.bat”
 - 2) The demo AP window is similar as below

- 3) Click “MSR” tab button
- 4) Input “MSR210D” in capital form into the blank of “Logic name”.

- 5) Click "Open", "Claim", and then put the check on "DeviceEnabled" and "DataEventEnabled". (Click the "DataEventEnabled" every time before card swiping)
- 6) Swipe a card at MSR210D, NSR210U or MSR213U (keyboard interface mode). The data will be shown like the picture below.

The screenshot displays the 'Uniform PD-RD JPOS Demo AP' window. It features a sidebar with buttons for 'Open', 'Close', 'Claim', 'Release', 'ClearOutput', 'ClearInput', 'ClearInputProperties', 'DirectIO', 'CheckHealth', 'Firmware', 'Statistics', and 'Common Properties'. Below these are checkboxes for 'AutoDisable', 'DataEventEnabled', 'DeviceEnabled' (checked), and 'FreezeEvents'. The status shows 'DataCount : 0', 'OutputID : 0', and 'State : JPOS_S_IDLE'.

The main area is divided into sections:

- Write-Only Properties:** Includes dropdowns for 'Set DataEncryptionAlgorithm' (MSR_DE_NONE), 'Set ErrorReportingType' (MSR_ERT_CARD), 'Set ParseDecodeData' (True), 'Set TransmitSentinels' (True), 'Set TracksToRead' (MSR_TR_NONE), 'Set TracksToWrite' (MSR_TR_NONE), 'Set DecodeData' (True), and 'Set WriteCardType' (BANK).
- Read-Only Properties:** Displays card data for Track1, Track2, Track3, and Track4, including discretionary and encrypted data fields.
- Card Information:** Fields for CardType (BANK), AccountNumber, ExpirationDate, ServiceCode, Surname, Suffix, FirstName, MiddleInitial, and Title.
- CardPropertyList:** A list of properties including AccountNumber, ExpirationDate, FirstName, MiddleInitial, ServiceCode, Suffix, Surname, and Title.
- Methods:** Buttons for 'Authenticate', 'RetrieveCardProperty' (highlighted), 'UpdateKey', and 'WriteTracks'.

- 7) To exit the test AP, press "Close", "Exit" buttons.