

Nov 21<sup>st</sup> 2014

## Test the UIC680 Reader by reading a RFID Test Card

### RFID Test Cards

- 1) Contactless RFID Test Card



- 2) Any Real Contactless Card Brand Card (MasterCard, Visa, Discover etc)

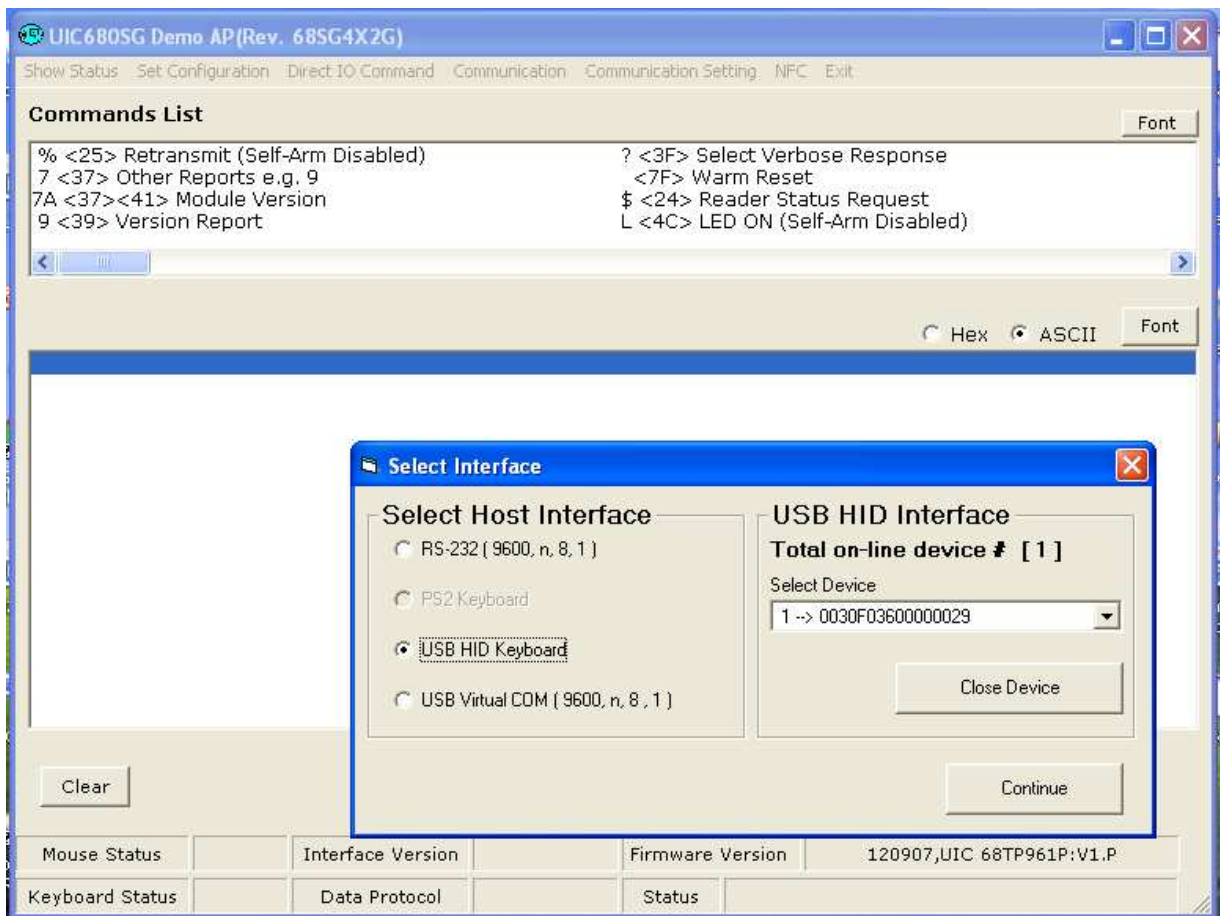


## UIC680 Demo AP Setup

Step 1: Bring up the UIC680 Demo AP on the Windows PC

Step 2: Connect the UIC680 reader through the USB cable to the PC

Step 3: Arrange the UIC680 reader is communicating with the Demo AP by selecting the correct Communication Interface type (please refer to the UIC680 Demo AP User Guide)



UIC680SG Demo AP(Rev. 68SG4X2G)

Show Status

Set Configuration

Direct IO Command

Communication

Communication Setting

NFC

Exit

Commands List

Font

% <25> Retransmit (Self-Arm Disabled)

? <3F> Select Verbose Response

7 <37> Other Reports e.g. 9

<7F> Warm Reset

7A <37><41> Module Version

\$ <24> Reader Status Request

9 <39> Version Report

L <4C> LED ON (Self-Arm Disabled)

<C2><00><02>33

PC-->DUT:

<C2><00><02>71

PC<--DUT:

<C2><00><18>120907,UIC 68TP961P:V1.P

PC-->DUT:

<C2><00><0A><09><00><06>RE<01><9F><00><01><87>

PC<--DUT:

<C2><00><01><00>

PC-->DUT:

<C2><00><0A><09><00><06>RE<01><96><00><01><8E>

PC<--DUT:

<C2><00><01><00>

PC-->DUT:

<C2><00><0A><09><00><06>RE<01><96><00><01><8E>

PC<--DUT:

<C2><00><01><00>

Hex

ASCII

Font

Clear

Communication Ok.

Mouse Status

Interface Version

Firmware Version

120907,UIC 68TP961P:V1.P

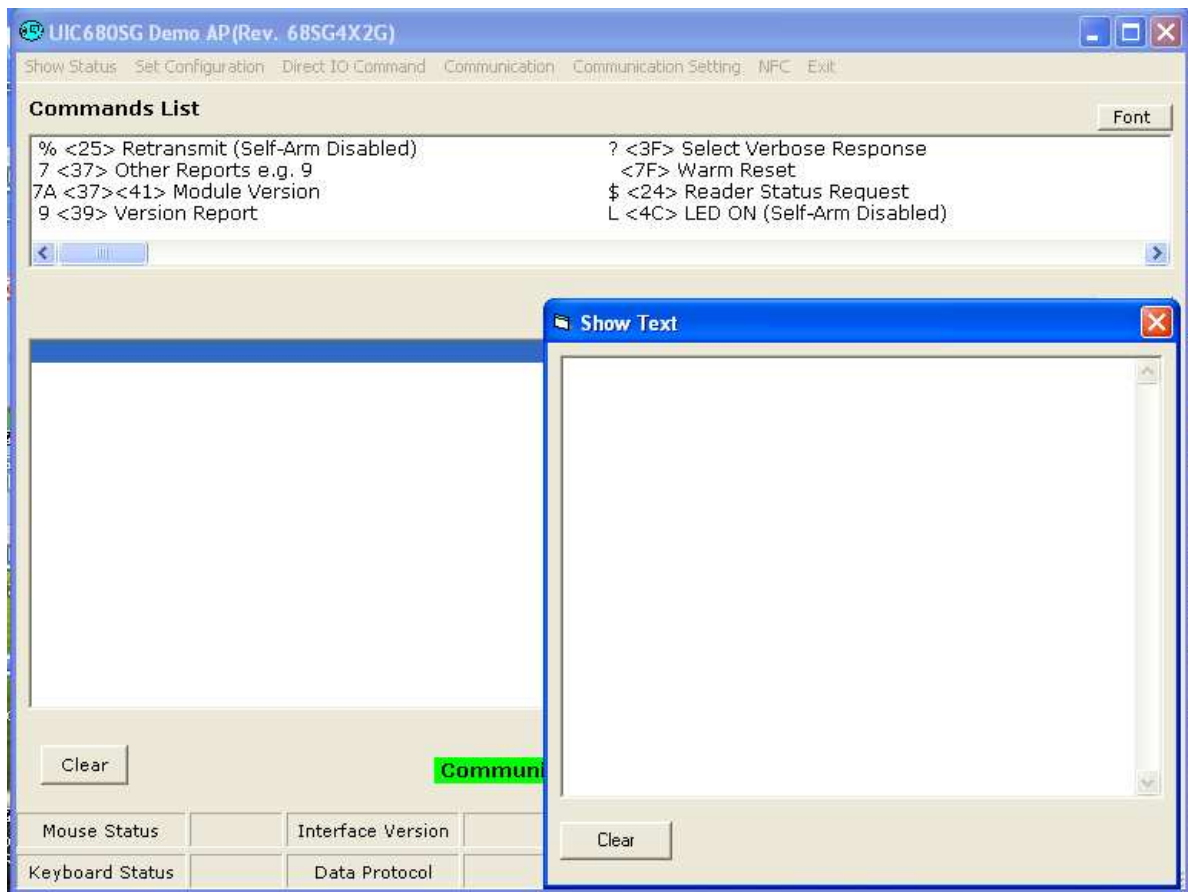
Keyboard Status

Data Protocol

Status

## Reading test on the RFID card

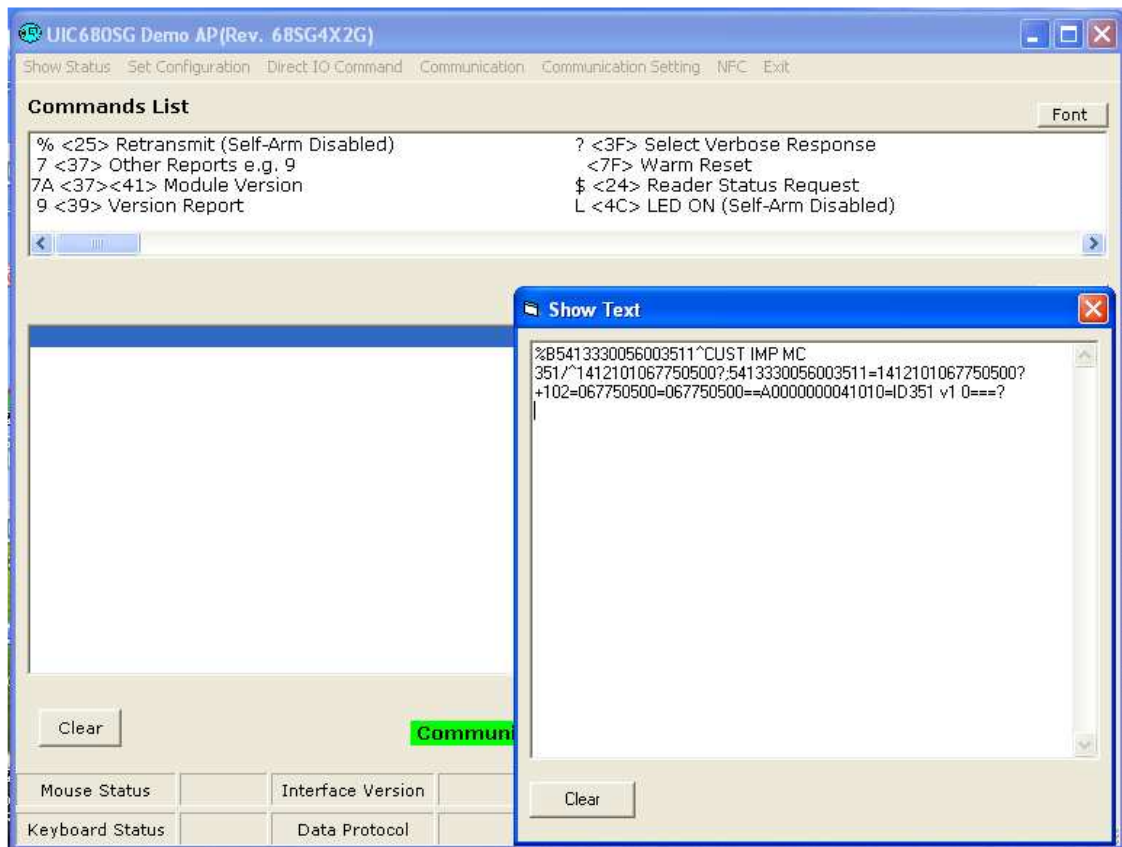
Step 4: Bring up the 'Show Text' screen by double clicking at the Demo AP display screen



Step 5: Just tap the test card against the reader,

## Observations

- 1) The reader beeps signifying the successful reading of the card
- 2) The RFID card data will be sent out from the reader and displayed on the UIC680 Demo AP



- 3) Something is wrong on the UIC680 reader if the above are not observed