



RFL

Application Note: RS232 Express Card Serial Adapter for PCs

Purpose: Support of RS232 serial port functionality on a PC for RFL IMUX2000 NMS, VNMS software.

Many modern Laptop PC's have limited on-board interfaces to make connections with legacy peripheral devices. One solution is utilizing the ExpressCard Part# EC1S952 or EC2S952. The EC1S952, 1 Port or EC1S952, 2 Port Native ExpressCard, RS232 Serial Adapter with 16950 UART provides RS232 serial functionality to your laptop or desktop **equipped with the ExpressCard Slot**.



1. Install Hardware and Driver as described in the Operator's Manual from [STARTECH.COM]
See Link: http://sgcdn.startech.com/005329/media/sets/ECxS952_Manual/ECxS952.pdf for details.
2. Initially Test the RS232 port with a Terminal Program. This can be performed with a direct serial cable attached to an IMUX2000 RS232 Remote port.
3. **Note:** The COM port # assigned, Open up the selected Terminal program and set the Serial port for:
9600 Baud, 7-Data bits, Even Parity, 1-Stop Bit.
4. Type in an SCL command to test a message response from the CM3R or CM4.
5. Example: type in `:::;` <Enter> The CM4 should respond with "OK FROM NET ADDRESS X SHELF NORMAL"
6. This response from the CM card will verify that the driver is installed properly, and the serial port with cable is working.
7. The user can now close out the Terminal program and open the NMS application for a GUI functional test.
8. Perform an Auto-Config-Method3 to create an NMS file.
9. Contact RFL Customer Service at [973-334-3100](tel:973-334-3100) ext. 226 or customer.service@rfelect.com for details.

Note: The COM Port# for NMS11.4 and below can be assigned number from 1 to 8.
The COM Port# for VNMS can be assigned numbers from 1 to 99.

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we reserve the right to change designs and specifications without notice.*