

# SMS sending command



## Contents

- [1 AT commands via Windows terminal](#)
- [2 AT commands via Ubuntu terminal](#)

## AT commands via Windows terminal

- You will be accessing TRM2xx modem via AT command's port. Check which port is AT port via Device Manager. In this example it is COM13:



- 
- The following example will use Terminal v1.9b. Scan all ports by pressing ReScan.



- 
- Select COM13, set the Baud rate to 115200, data bits to 1, parity none, Stop bits to 1 and press Connect.



- 
- First enter the ATE1 command to enable local echo (to see the output like "OK" to any command).



- 
- Second enable SMS text mode with AT+CMGF. The command specifies the input and output format of the short messages. In this case enter AT+CMGF=1.



- 
- Issue AT+CMGS="<phone number>" to enter SMS text input prompt mode. After invoking the write command, wait for the prompt ">":



- 
- In the text area type the SMS text. When finished - hit Ctrl+Z to send the SMS. Once Ctrl+Z is hit and SMS is sent - you shall see your text and "+CMGS: " code that denotes how many symbols were sent.



## AT commands via Ubuntu terminal

- After connecting the modem to your computer, we scan all connected devices. We see four USB devices, one of which will be for AT commands (usually USB2 or USB3).



- 
- Now connect via minicom (USB2 in this case):



- 
- After successful login, enter the following commands:



1. First enter the ATE1 command to enable local echo (to see the output like "OK" to any command).
2. Enable SMS text mode with AT+CMGF. The command specifies the input and output format of the short messages. In this case enter AT+CMGF=1.
3. Issue AT+CMGS="<phone number>" to enter SMS text input prompt mode. After invoking the write command, wait for the prompt ">" In the text area type the SMS text. When finished - hit Ctrl+Z to send the SMS. Once Ctrl+Z is hit and SMS is sent - you shall see your text and "+CMGS: " code that denotes how many symbols were sent.