

How to Display the Barracuda UMTS Modem IMEI

<https://campus.barracuda.com/doc/72515865/>

To get the IMEI and/or software version information of an attached USB UMTS modem (M10/M11), do so on the command line using minicom.

Step 1. Change the Minicom Serial Port to the UMTS Modem

1. Connect to your firewall on the shell as the user *root*.
2. Stop the UMTS connection with the command: [root@ng:~]# /etc/phion/bin/openumts stop
3. Start the minicom setup with the command: [root@ng:~]# minicom -s The text-based minicom menu is displayed.
4. Select **Serial port setup**.

```
+-----[configuration]-----+
| Filenames and paths        |
| File transfer protocols    |
| Serial port setup          |
| Modem and dialing          |
| Screen and keyboard        |
| Save setup as dfl          |
| Save setup as..            |
| Exit                        |
| Exit from Minicom          |
+-----+-----+-----+-----+
|
```

5. Select **A > Serial Device** and change it to `/dev/ttyUSB2` or `/dev/ttyUSB1` depending on which USB port the modem is connected to.
6. Click **Enter**.

```
+-----+-----+-----+-----+
| A -   Serial Device        : /dev/ttyUSB2
| B - Lockfile Location      : /var/lock
| C -   Callin Program       :
| D -   Callout Program      :
| E -   Bps/Par/Bits         : 115200 8N1
| F - Hardware Flow Control  : Yes
| G - Software Flow Control  : No
|
|   Change which setting?
+-----+-----+-----+-----+
|
| Screen and keyboard        |
| Save setup as dfl          |
| Save setup as..            |
| Exit                        |
| Exit from Minicom          |
+-----+-----+-----+-----+
|
```

7. Select **Save setup as dfl.**
8. Select **Exit from Minicom.**

This setting is now configured as the default for minicom.

Step 2. Enter the AT Command to Display the Modem Details

1. Start minicom with the default settings:

```
[root@ng:~]# minicom
```

2. Enter the AT command:

```
ATI.
```

For the software version, enter:

```
AT+LCTSW
```

The output displays as follows:

```
Welcome to minicom 2.3
```

```
OPTIONS: I18n
```

```
Compiled on Aug 29 2008, 07:16:49.
```

```
Port /dev/ttyUSB2
```

```
Press CTRL-A Z for help on special keys
```

```
AT S7=45 S0=0 L1 V1 X4 &c1 E1 Q0
```

```
ERROR
```

```
ATI
```

```
Manufacturer: Manufacturer
```

```
Model: HSPA USB MODEM
```

```
Revision: LQAITO1.1.0_MG24
```

```
IMEI: 866285010156412
```

```
+GCAP: +CGSM,+DS,+ES
```

```
OK
```

```
AT+LCTSW
```

```
SoftwareVersion: LQAITO1.1.0_MG24
```

```
InnerVersion: LQAITO1_240085_6.2.1W0427_EFS1.0
```

```
OK
```

3. To leave minicom, press **Ctrl+a** and **z** and select **q** to exit.

Step 3. Restart the UMTS Connection

Restart the UMTS connection:

```
[root@ng:~]# /etc/phion/bin/openumts start
```

Figures

1. minicom1.png
2. minicom2.png
3. minicom-input.png

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