

xStack Series PROM 2.x Downgrade to 1.00B06 Procedure

This procedure is used to downgrade the xStack series (DGS-3324SR, DGS-3324SRi, DXS-3350SR, DXS-3326GSR) 2.x (2.01B01 or 2.00B04) PROM version to 1.00B06 PROM version. (Note: It's not applicable to downgrade to PROM 1.00B05).

The scenario that needs such PROM code downgrade is for stacking compatibility. XStack series units with different 1.x or 2.x PROM version cannot stack together. To let them stack, all units must have 1.x PROM or all units have 2.x PROM. If unit to be stacked are of different PROM version, customer can either (1) upgrade 1.x PROM units to 2.x or (2) downgrade 2.x units to this 1.00B06 PROM (so that all units have same 1.x or 2.x PROM). The procedure below is for the downgrade (2). For upgrade, please refer to another upgrade document.

In the following, PROM 2.01B01 is used as the example. All the steps are done using ZMODEM. PROM update must be done before runtime update.

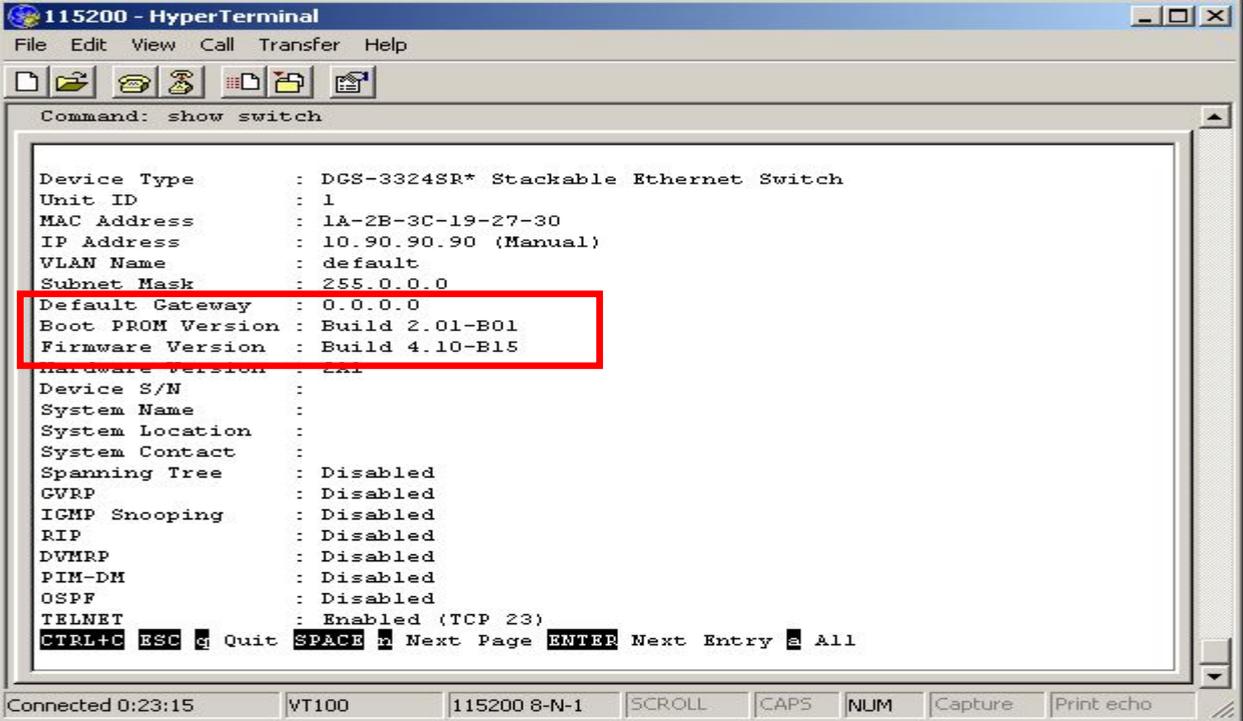
IMPORTANT: During the following procedure, when the warning message: “DO NOT power off” displays, DONOT power off. At this moment, power-off the device will cause PROM damaged, and need RMA to recover.

There are two steps:

Step 1: Downgrade PROM from 2.01B01 version to 1.00B06.

Step 2: Download needed (any version) runtime firmware using Z-modem.

Before downgrade



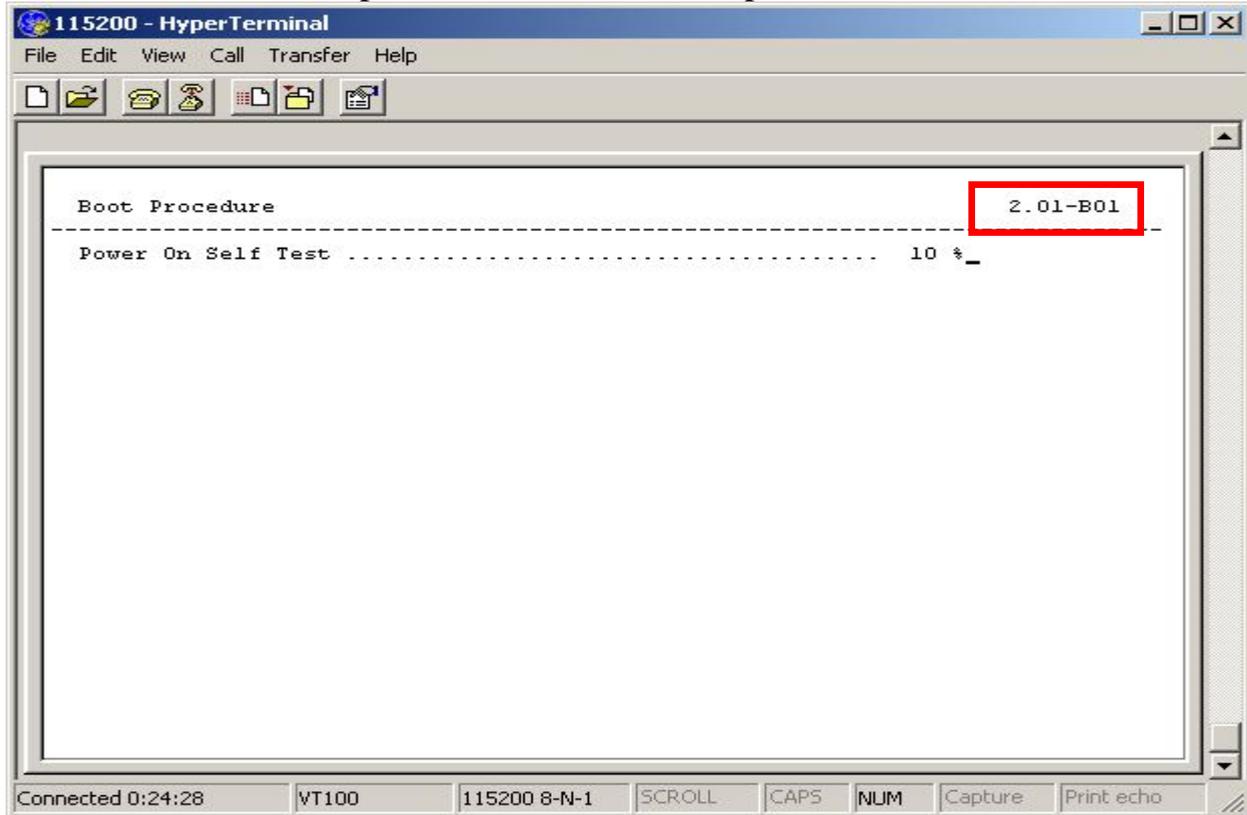
```
115200 - HyperTerminal
File Edit View Call Transfer Help
Command: show switch

Device Type       : DGS-3324SR* Stackable Ethernet Switch
Unit ID          : 1
MAC Address       : 1A-2B-3C-19-27-30
IP Address        : 10.90.90.90 (Manual)
VLAN Name         : default
Subnet Mask       : 255.0.0.0
Default Gateway   : 0.0.0.0
Boot PROM Version : Build 2.01-B01
Firmware Version  : Build 4.10-B15
Hardware Version  : cat
Device S/N        :
System Name       :
System Location   :
System Contact    :
Spanning Tree     : Disabled
GVRP              : Disabled
ICMP Snooping     : Disabled
RIP               : Disabled
DVHRP            : Disabled
PIM-DM           : Disabled
OSPF              : Disabled
TELNET           : Enabled (TCP 23)
CTRL+C ESC  Quit SPACE  Next Page ENTER  Next Entry  All

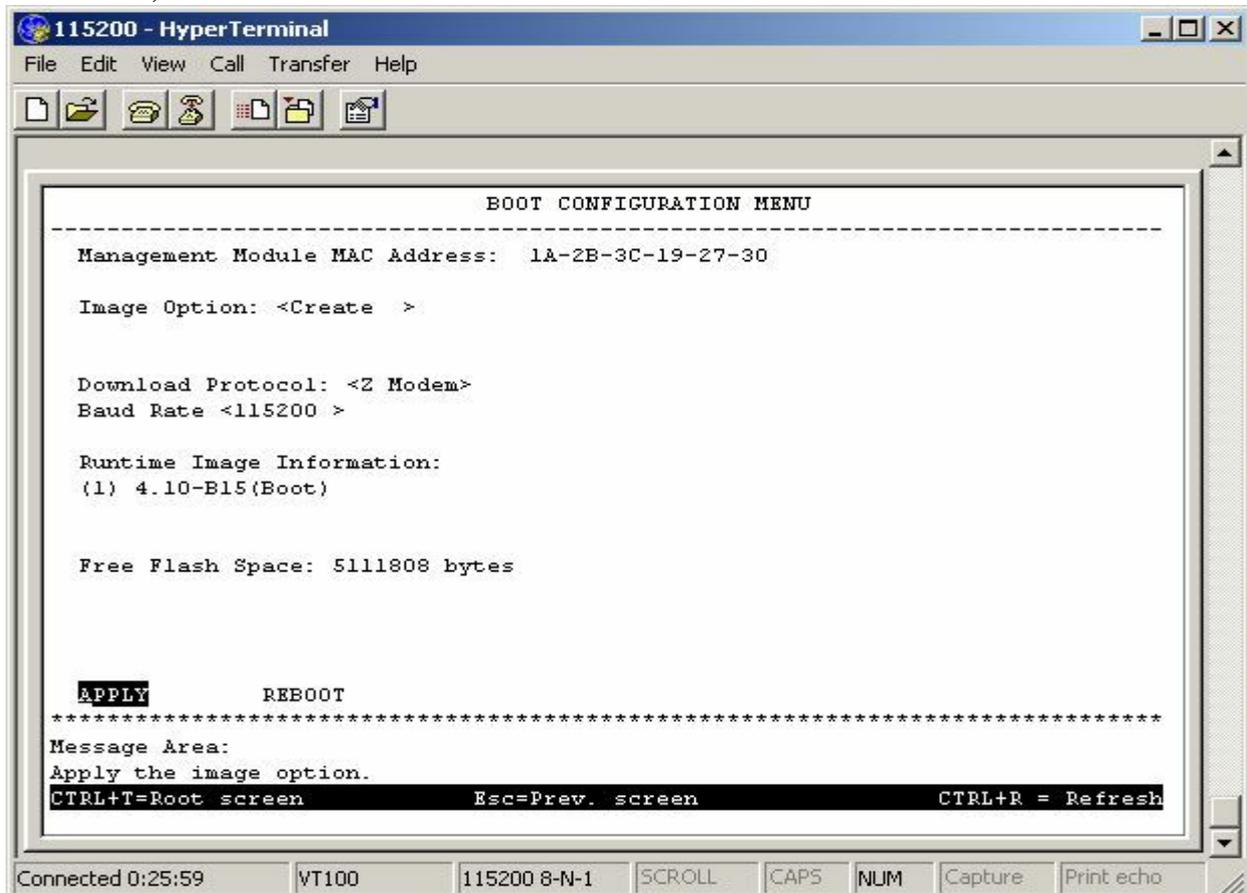
Connected 0:23:15  VT100  115200 8-N-1  SCROLL  CAPS  NUM  Capture  Print echo
```

Step 1: Downgrade PROM from 2.01B01 version to 1.00B06

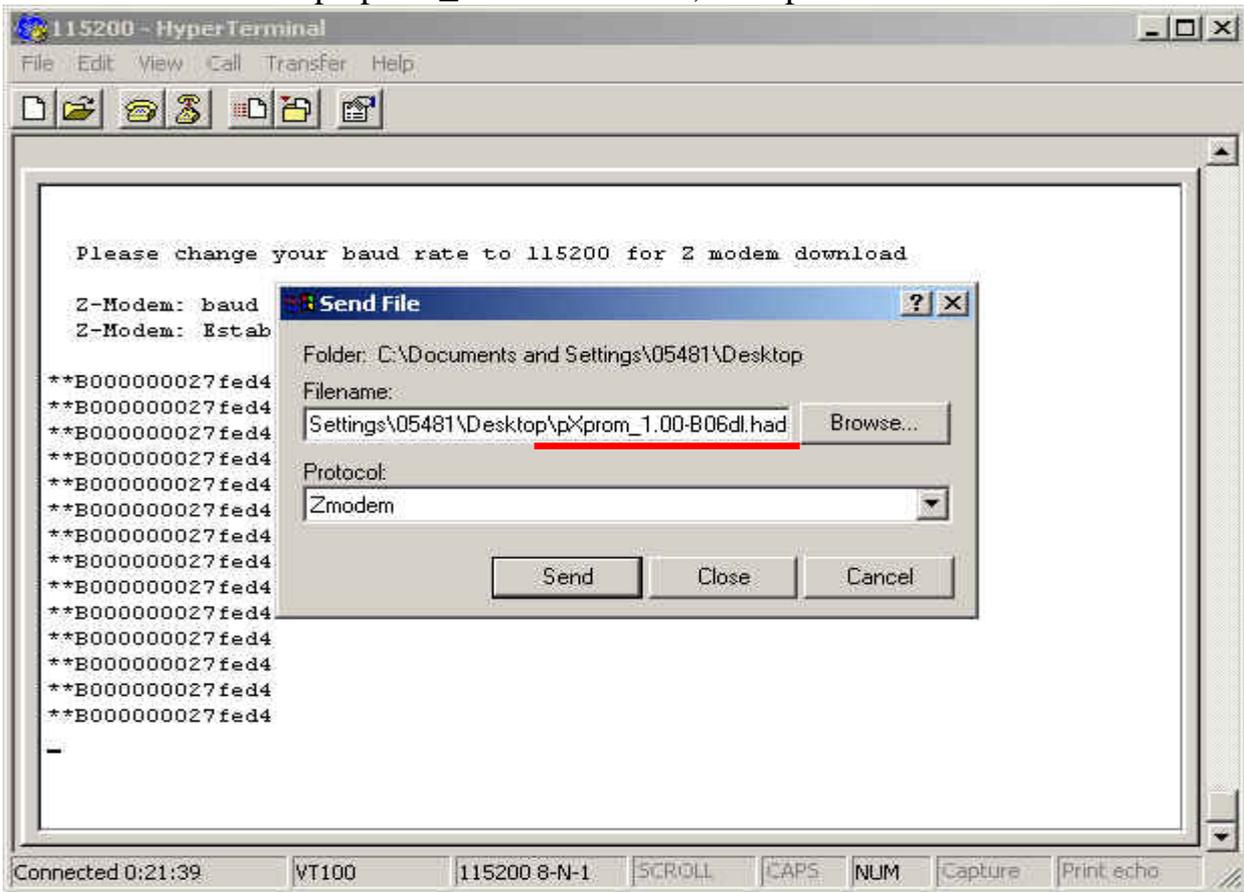
1. Reboot the device, press “Shift” + “3” when post runs before 100%



2. You will enter boot configuration menu. Do not do anything, select “APPLY” and then Enter,

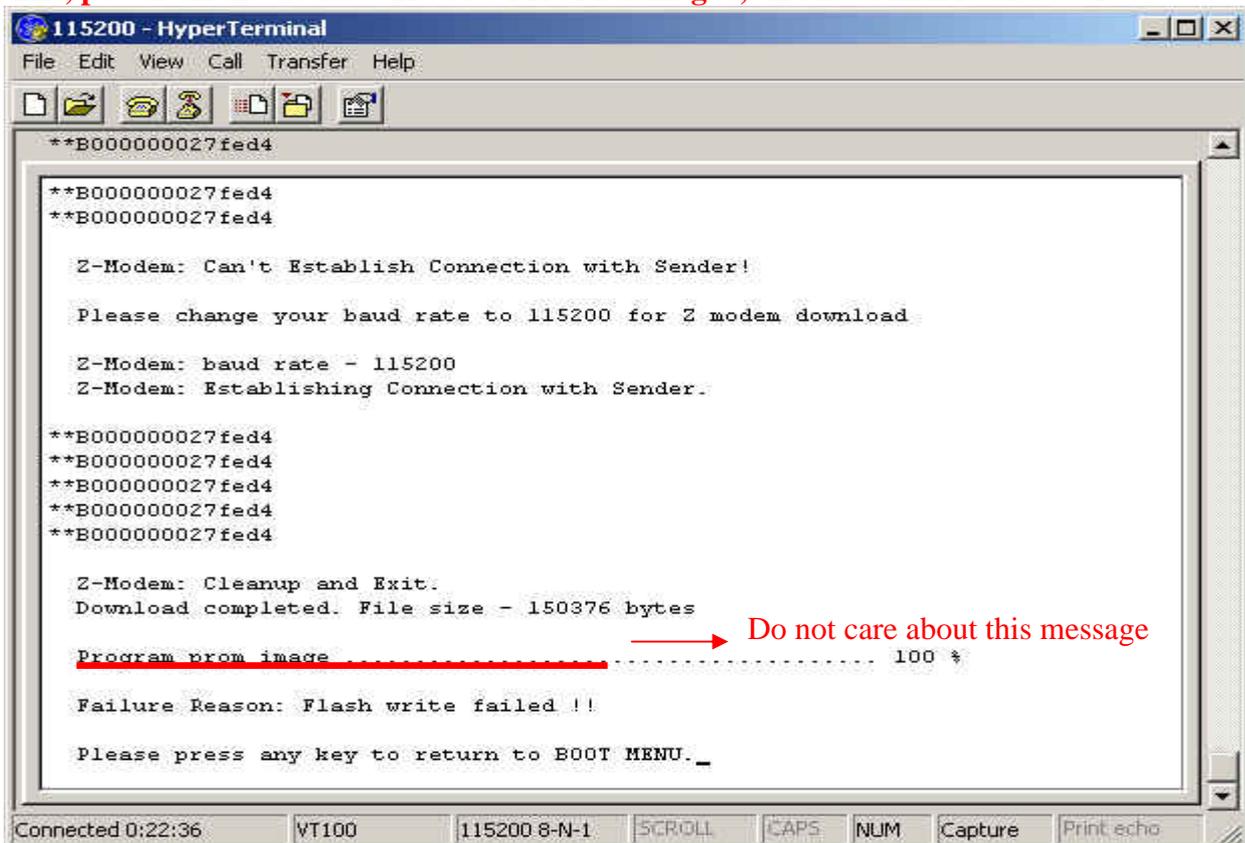


5. Choose the file: pXprom_1.00-B06dl.had, then press “send.” It will start to download.

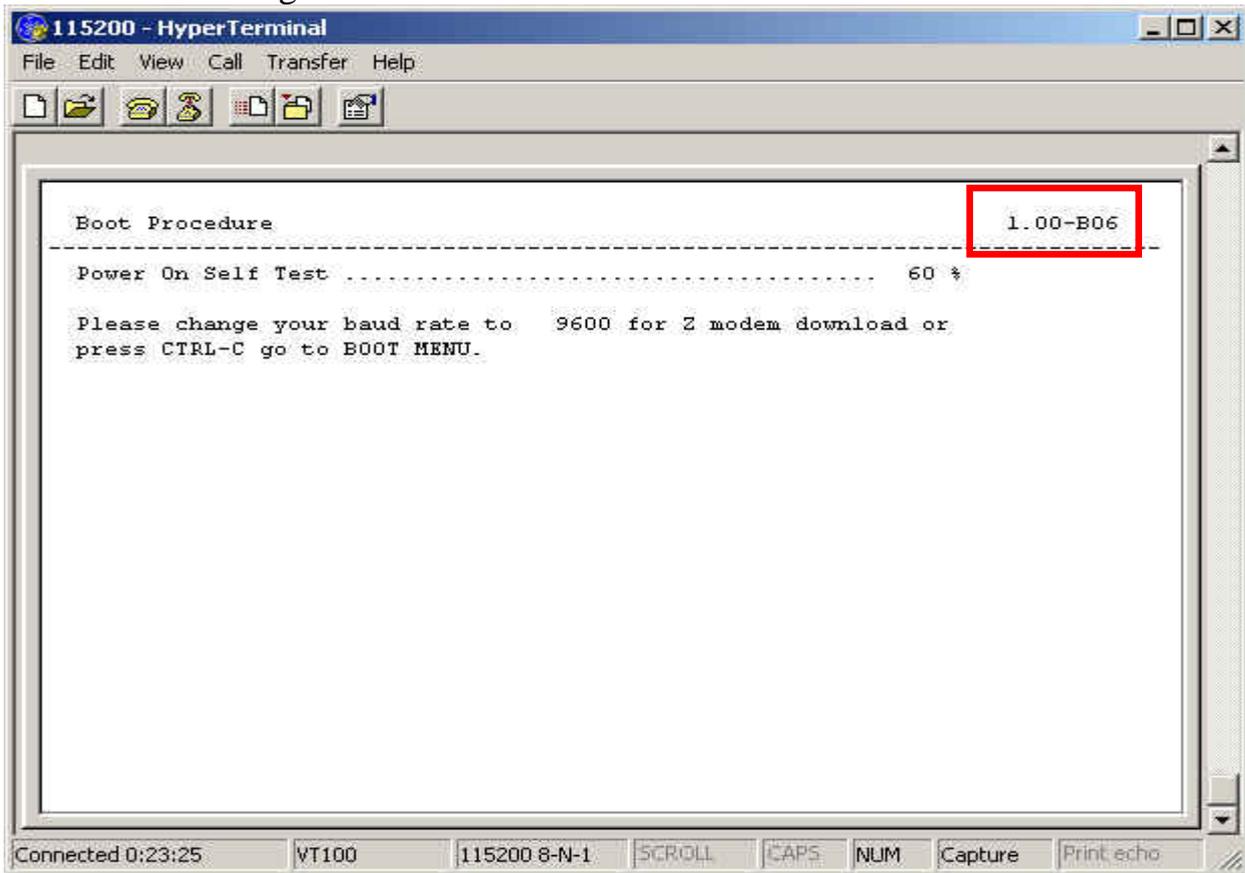


6. After download completely, the window will show like this.

IMPORTANT: During reboot, the warning message: “DO NOT power off” will display. At this time, power-off the device will cause PROM damaged, and need RMA to recover.

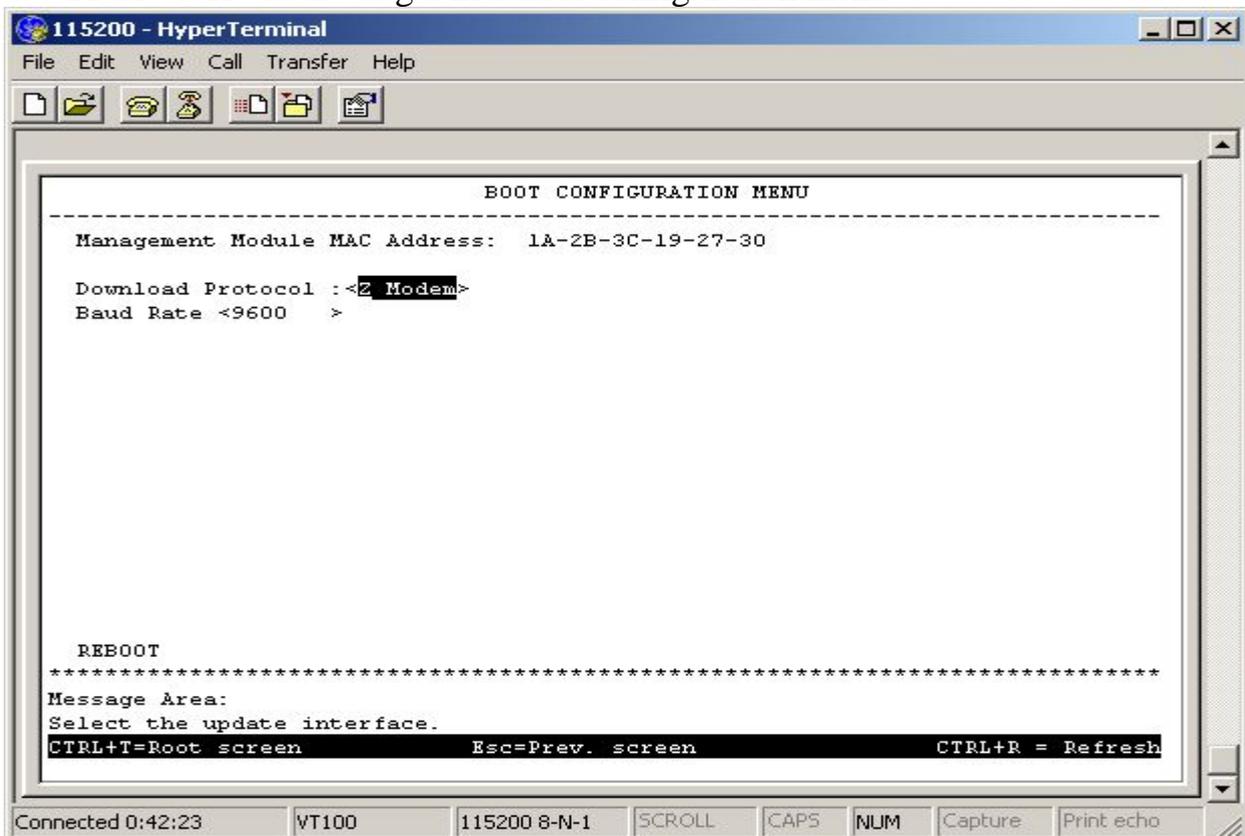


7. Press “Enter”, the device will reboot. While booting, you can notice that PROM version has been changed to 1.00B06.

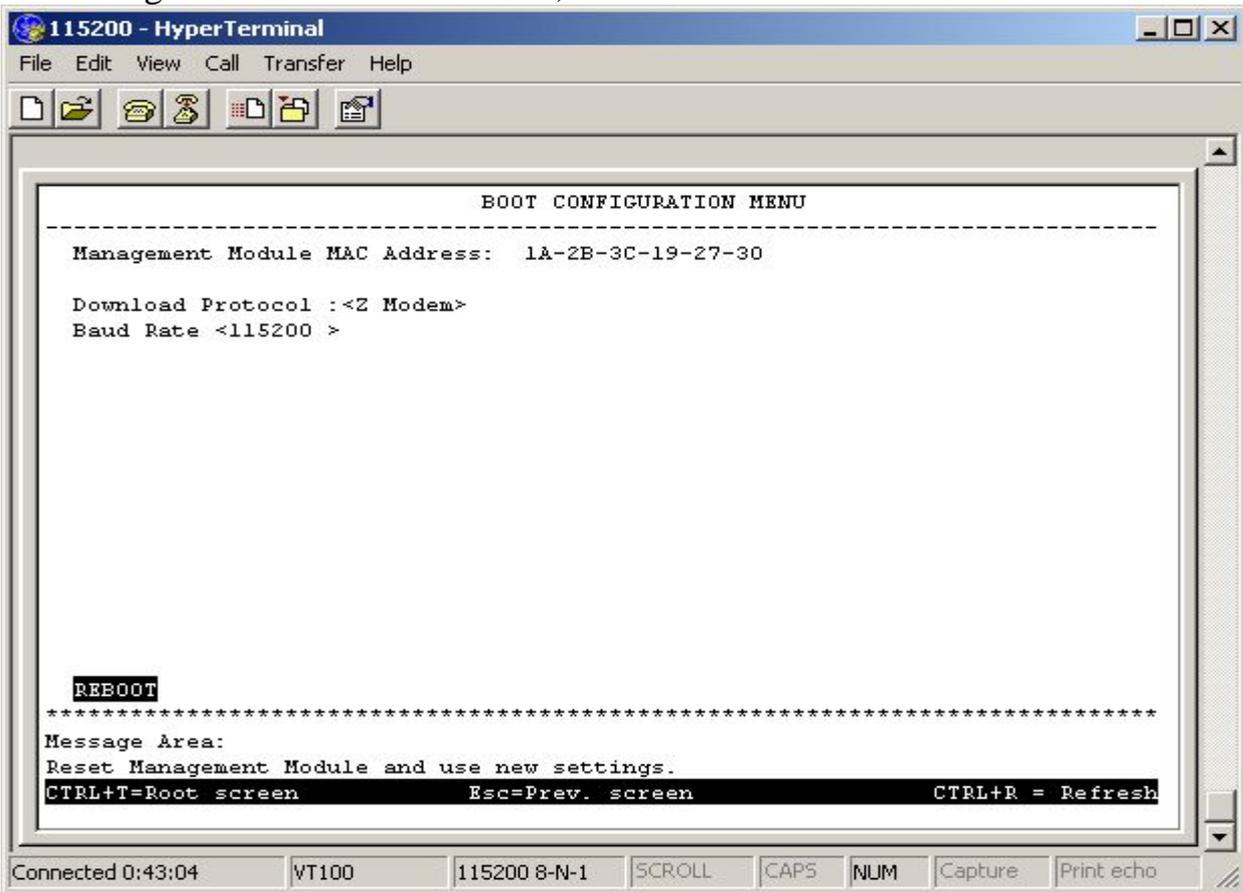


Step 2: Download needed (any version) runtime firmware using Z-modem.

8. Press “Ctrl” + “C” to get into boot configuration menu



9. Change the baud Rate to 115200, then REBOOT



10. This time, it will show this message

