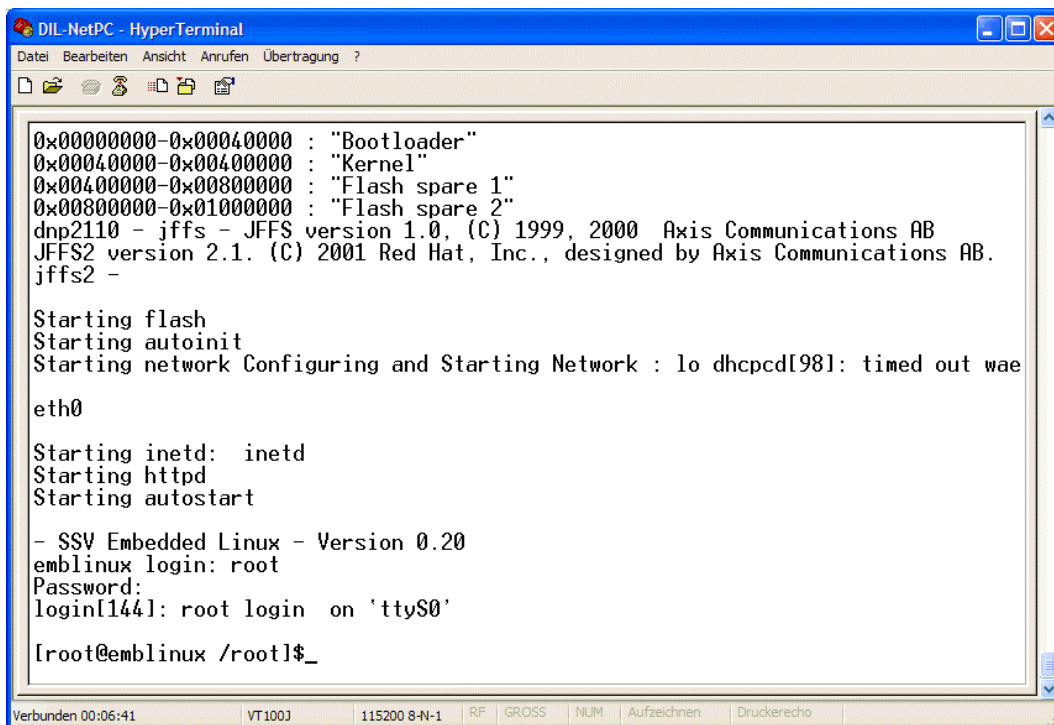


## How to use the DNP/2110 Linux Serial Console

The Linux support for a serial console is a very useful feature. It allows running a Linux-based system in a headless configuration without a monitor or keyboard.

- **1. Step:** Setup a serial link (**RS232 Serial Link**) between the DIL/NetPC DNP/2110 COM1 serial port and a serial port of your PC system. Use a null-modem cable for the physical connection between the COM1 port of the DIL/NetPC DNP/2110 and the PC COM port. For more details about this connection please use the DIL/NetPC DNP/2110 Starter Kit documentation.
- **2. Step:** Run your terminal emulation program. Microsoft Windows-based PC systems offer *HyperTerminal* for this task. Linux-based systems come with *Minicom*. Then power-up your DNP/2110. Wait until the DNP/2110 Linux ask you for a user name.



```
DIL-NetPC - HyperTerminal
Datei Bearbeiten Ansicht Anrufen Übertragung ?
0x00000000-0x00040000 : "Bootloader"
0x00040000-0x00040000 : "Kernel"
0x00400000-0x00800000 : "Flash spare 1"
0x00800000-0x01000000 : "Flash spare 2"
dnp2110 - jffs - JFFS version 1.0, (C) 1999, 2000 Axis Communications AB
JFFS2 version 2.1. (C) 2001 Red Hat, Inc., designed by Axis Communications AB.
jffs2 -
Starting flash
Starting autoinit
Starting network Configuring and Starting Network : lo dhcpd[98]: timed out wae
eth0
Starting inetd: inetd
Starting httpd
Starting autostart
- SSV Embedded Linux - Version 0.20
emblinux login: root
Password:
login[144]: root login on 'ttyS0'
[root@emblinux /root]$_
Verbunden 00:06:41 VT100J 115200 8-N-1 RF GROSS NUM Aufzeichnen Druckerecho
```

- **3. Step:** Please enter the user name **root**. This user name needs no password. Just hit the Enter key if the DNP/2110 Linux ask for a password.

That is all.