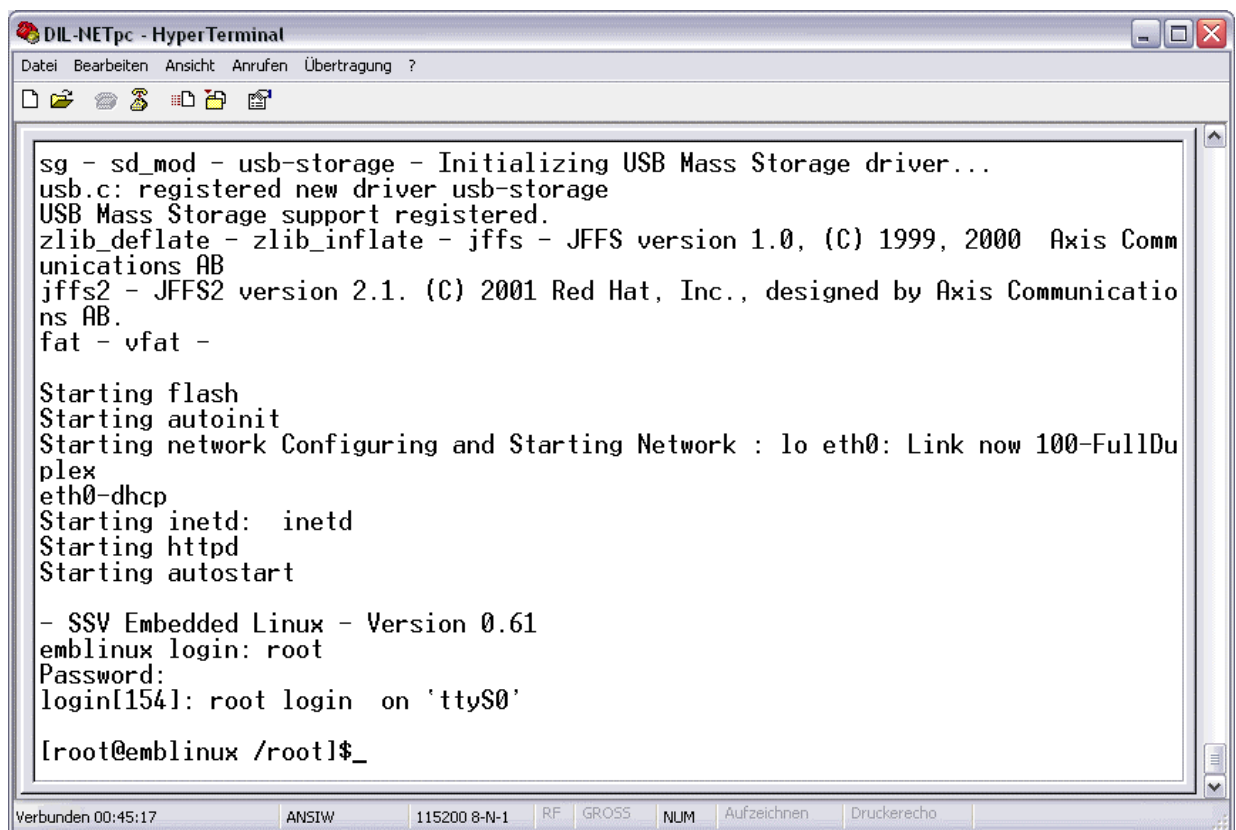


How to use the DNP/9200 Linux Serial Console

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/9200 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/9200 and the PC COM port. For more details about this connection please use the DIL/NetPC DNP/9200 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/9200. Wait until the DNP/9200 Linux ask you for a user name.



```
DIL-NETpc - HyperTerminal
Datei Bearbeiten Ansicht Anrufen Übertragung ?
sg - sd_mod - usb-storage - Initializing USB Mass Storage driver...
usb.c: registered new driver usb-storage
USB Mass Storage support registered.
zlib_deflate - zlib_inflate - jffs - JFFS version 1.0, (C) 1999, 2000 Axis Comm
unications AB
jffs2 - JFFS2 version 2.1. (C) 2001 Red Hat, Inc., designed by Axis Communicatio
ns AB.
fat - vfat -

Starting flash
Starting autoinit
Starting network Configuring and Starting Network : lo eth0: Link now 100-FullDu
plex
eth0-dhcp
Starting inetd: inetd
Starting httpd
Starting autostart

- SSV Embedded Linux - Version 0.61
emblinux login: root
Password:
login[1541]: root login on 'ttyS0'

[root@emblinux /root]$_
```

Verbunden 00:45:17 ANSIW 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/9200 Linux ask for a password.

That is all.