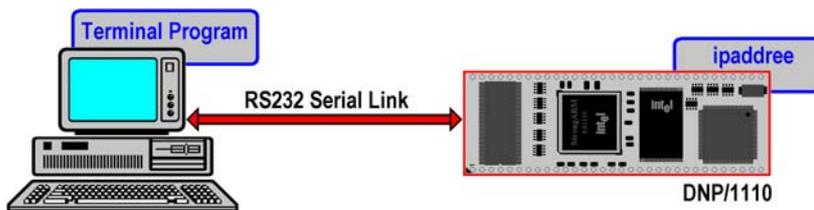


How to change the IP address with a serial link

The following steps are valid for kernel version/root filesystem 2.4.18, SSV release number 3 (28.Feb.2003) or newer. All other versions before this release date don't offer the **ipaddree** utility program within the root filesystem. Please upgrade first to the latest release.

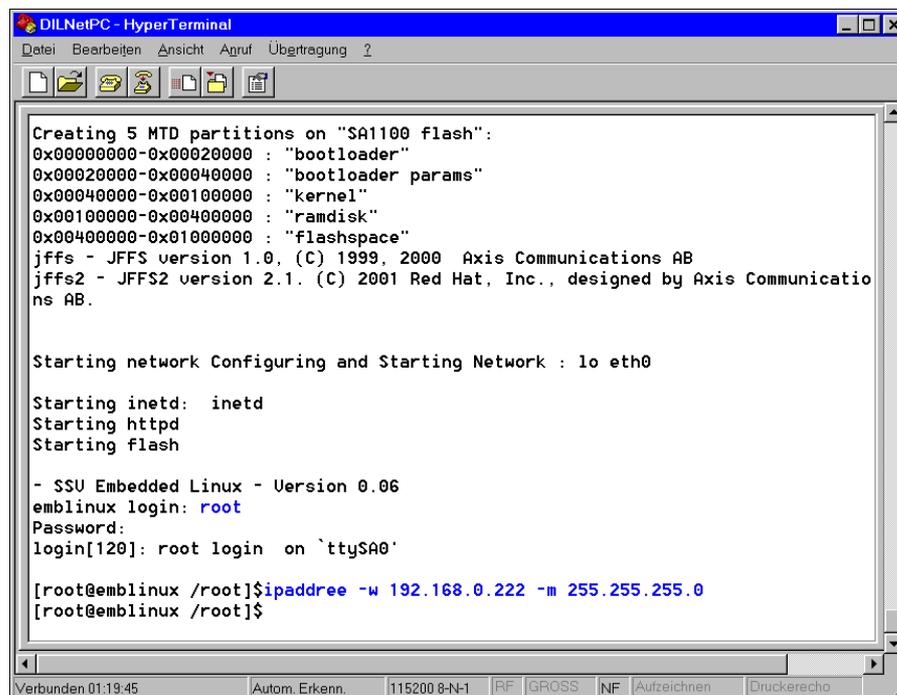
- **1. Step:** Set-up a RS232 serial link between the DNP/1110 and a PC system. Use a standard null-modem cable. Run a terminal (emulation) program on the PC (i.e. **HyperTerminal** for Windows-based PCs, **minicom** for Linux-based systems). Set-up the line parameters to 115.200 bps, 8 data bits, 1 stop bit, no parity, no handshakes.



- **2. Step:** Booting up the DNP/1110 and use a serial console session. Login with superuser rights. Then execute the following command:

```
ipaddree -w 192.168.0.222 -m 255.255.255.0
```

“192.168.0.222” is a IP address. Use the IP address of your choice for your set-up on this position. “255.255.255.0” is a network mask. Use a valid network mask for your IP address.



The screenshot shows a HyperTerminal window titled 'DILNetPC - HyperTerminal'. The terminal output displays the following text:

```

Creating 5 MTD partitions on "SA1100 flash":
0x00000000-0x00020000 : "bootloader"
0x00020000-0x00040000 : "bootloader params"
0x00040000-0x00100000 : "kernel"
0x00100000-0x00400000 : "ramdisk"
0x00400000-0x01000000 : "flashspace"
jffs - JFFS version 1.0, (C) 1999, 2000 Axis Communications AB
jffs2 - JFFS2 version 2.1. (C) 2001 Red Hat, Inc., designed by Axis Communicatio
ns AB.

Starting network Configuring and Starting Network : lo eth0

Starting inetd: inetd
Starting httpd
Starting flash

- SSV Embedded Linux - Version 0.06
emblinux login: root
Password:
login[120]: root login on `ttySA0'

[root@emblinux /root]$ipaddree -w 192.168.0.222 -m 255.255.255.0
[root@emblinux /root]$
  
```

The bottom status bar of the HyperTerminal window shows: 'Verbunden 01:19:45', 'Autom. Erkenn.', '115200 8-N-1', 'RF', 'GROSS', 'NF', 'Aufzeichnen', 'Druckerecho'.

- **3. Step:** Reboot the DNP/1110. The new IP address and network mask is valid after the next boot process.