

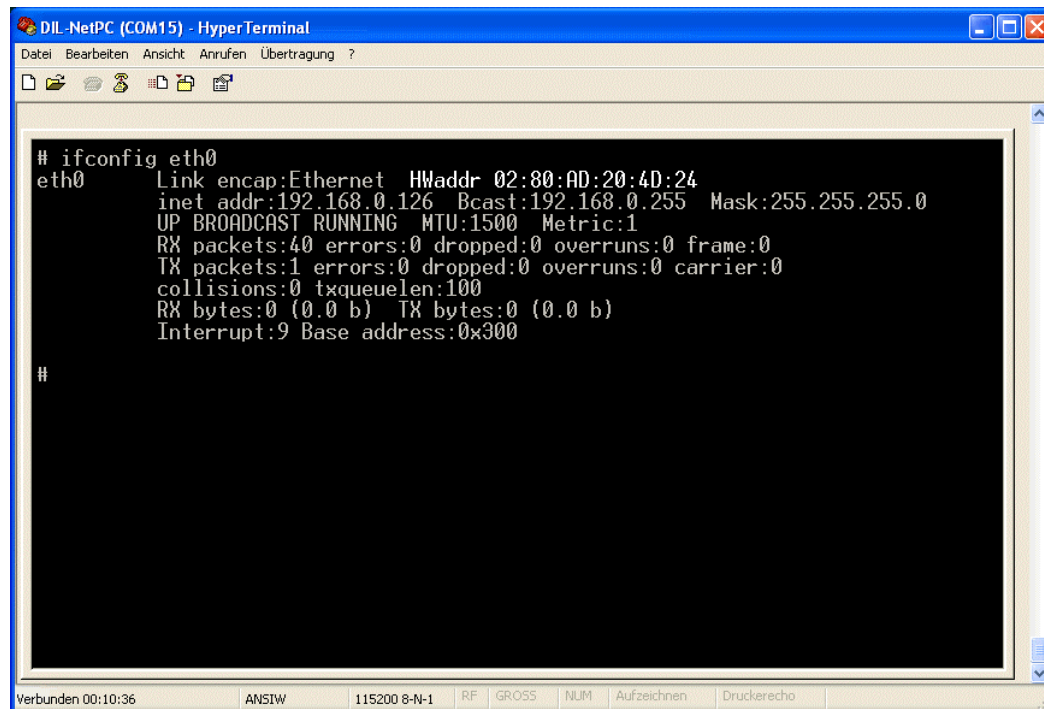
## How to find the ADNP/1520 Ethernet MAC Address

For some network configuration tasks (i.e. Firewall setup procedures) it can be necessary to know the Ethernet MAC address of a specific network member.

- **1. Step:** Setup a serial link (**RS232 Serial Link**) between the DIL/NetPC ADNP/1520 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 ADNP/1520 and the PC COM port. For more details about this connection please use the *DIL/NetPC ADNP/1520 DNP/SK10 Starter Kit User Manual*.
- **2. Step:** Run your terminal emulation program. Microsoft Windows-based PC systems offer *HyperTerminal* for this task. Linux-based systems come with *Minicom*. Then provide the DIL/NetPC ADNP/1520 with power. Wait until the Linux boot process finish's. Then login with administrator rights (user name: **root**, no password necessary). Enter the command

```
ifconfig eth0
```

and the ADNP/1520 Linux displays all network setup values and parameters. The value for **HWaddr** is the Ethernet MAC address of your DIL/NetPC ADNP/1520.



```
# ifconfig eth0
eth0      Link encap:Ethernet  HWaddr 02:80:AD:20:4D:24
          inet addr:192.168.0.126  Bcast:192.168.0.255  Mask:255.255.255.0
          UP BROADCAST RUNNING MTU:1500  Metric:1
          RX packets:40 errors:0 dropped:0 overruns:0 frame:0
          TX packets:1 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:100
          RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)
          Interrupt:9 Base address:0x300

#
```

That is all.