

## CAN Adapters: Can I use SocketCAN with VSCAN devices?

Yes, it is possible. As of Linux kernel 2.6.38 ASCII protocol (slcan) will be also supported. To use it you'll need to install can-utils from project's [git repository](#). See this [tutorial](#) for installation instructions.

For older kernels you can use following [patches](#) from main line kernel.

For USB CAN device, that is attached to /dev/ttyUSB0 device, execute following commands:

```
slcand -o -s8 -t hw -S 3000000 /dev/ttyUSB0
```

```
ip link set up slcan0
```

You'll get your USB CAN operated at 1MBit/s, with candump and cansend you can make send/receive tests.

For Network CAN devices (NetCAN Plus) you'll need to create a symbolic link to it via socat. Assume your NetCAN Plus has IP address 192.168.254.254, and standard port 2001 for TCP Raw Server Mode. So the required commands are:

```
socat pty,link=/dev/netcan0,raw tcp:192.168.254.254:2001&
```

```
slcand -o -s8 /dev/netcan0
```

```
ip link set up slcan0
```

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