

Modem v2 Setup

Here are instructions for configuring a modem, version 2 (11v211). This configuration allows for both dialin and dialout modes without changing modem switches, disabling or enabling ports, or changing permissions on the modem device. It does, however, require a different modem connector than the previous configuration (**I'vill**), different programming commands to the modem, and different modem switch settings.

***Note:** If you aren't able to communicate with the modem, put switch 10 down, turn the modem off & on, retry the commands, and don't forget to put switch 10 up again before you turn the modem off & on again.

Issue this command to configure both the system and the modem with the 11v211 configuration:

***Note:** Imodemv2cfl cannot be performed for the port into which you dialed. In other words, you cannot dial a system and connect to its port ttya or ttyA and perform Imodemv2cfg, on that same port. If there is only one modem, someone on that system must perform Imodemv2cfg.1 # modemv2cfg

Follow the instructions provided internally by Imodemv2cfg.

After performing Imodemv2cfg, the modem's switches are configured for modem to computer, dial in/out, auto-answer. However, for use with a terminal or when auto-answer should be disabled, please see the next few paragraphs for more configuration information.

DIP switch settings (modem to COMPUTER, dial in/out, auto-answer):

UP Wide 12 4567 90

DOWN 3 8

DIP switch settings (modem to TERMINAL, dialout, NO answer):

UP Wide 12 4 7 90

DOWN 3 5 6 8

***Note:** Rcv Handshake needs to be set to XON/XOFF for a modem connected to a v2 modem. This is an exception to the normal DTR configuration.

DIP switch settings (modem to COMPUTER, dialout, NO answer):

UP Wide 12 4 67 90

DOWN 3 5 8

***Note:** This configuration is not normally used.

Connector: "Modemv211 (normal terminal connector with 8 & 20 crossed and 2 & 3 crossed)

When Imodemv2cfl is finished, both the system and the modem are configured properly for 11v2.11

You may rerun Imodemv2cfl as needed. Included in its function is programming the modem; hence, if the modem loses its configuration, or a new modem is installed, Imodemv2cfg, can be used to program the modem.

If Imodemv2cfl was successful, you are through with this section.

Grn 01/24/02