

ASCII Terminal Setup

Italicized text is from the VT-100 User Guide; Edwin Rhodes (PIE Software Inc 2004)

General

Start Up:

Message – displays a startup message when powered on

None – No startup message is displayed

Keyboard Layout:

Select the keyboard layout as desired

Serial

Baud Rate:

All standard baud rates up to 115K baud are selectable

Signal levels:

This option is hard coded to TTL only

Stop Bits:

Selectable between 1 or 2 Stop bits

Parity:

Selectable between None, Odd, or Even

Terminal

Character Set:

Selectable between UTF-8, IBM PC 437, and ISO 8859-1

Keyboard Compatibility:

Selectable between PC/SUN and VT220

XOFF/XON Flow Control:

Selectable between Off and On

Receive Controls:

Selectable between S8C1T and S7C1T

Transmit Controls:

Selectable between S8C1T and S7C1T

Send/Receive Mode (SRM):

Selectable between Normal and Echo.

New Line Mode (LNM):

Selectable between Off and On

Cursor Key Mode (DECCKM):

This is a private parameter applicable to set mode (SM) and reset mode (RM) control sequences. This mode is only effective when the terminal is in keypad application mode (see DECKPAM) and the ANSI/VT52 mode (DECANM) is set (see DECANM). Under these conditions, if the cursor key mode is reset, the four cursor function keys will send ANSI cursor control commands. If cursor key mode is set, the four cursor function keys will send application functions.

Selectable between Normal and Application

Keypad Mode (DECNKM):

Selectable between Off and On

ANSI Mode (DECANM):

This is a private parameter applicable to set mode (SM) and reset mode (RM) control sequences. The reset state causes only VT52 compatible escape sequences to be interpreted and executed. The set state causes only ANSI "compatible" escape and control sequences to be interpreted and executed.

Selectable between ANSI and VT52

Auto-wraparound Mode (DECAWM):

This is a private parameter applicable to set mode (SM) and reset mode (RM) control sequences. The reset state causes any displayable characters received when the cursor is at the right margin to replace any previous characters there. The set state causes these characters to advance to the start of the next line, doing a scroll up if required and permitted.

Selectable between Off and On

Auto-repeat Keys Mode (DECARM):

This is a private parameter applicable to set mode (SM) and reset mode (RM) control sequences. The reset state causes no keyboard keys to auto-repeat. The set state causes certain keyboard keys to auto-repeat.

Selectable between Off and On

Screen Mode (DECSCNM):

This is a private parameter applicable to set mode (SM) and reset mode (RM) control sequences. The reset state causes the screen to be black with white characters. The set state causes the screen to be white with black characters.

Selectable between Normal and Inverse

Backspace Mode (DECBKM):

Selectable between Off and On

Buzzer Enable:

Selectable between Off and On

Video

Number of Lines:

Selectable between 24 or 30 lines

Monochrome Transformation:

Selectable between Simple or Luminance