

Topics for ANSI 3.64 Terminal:

Video Definitions

Operating Mode

Status Line Definition

Device Settings

Help for Video Definitions

These options let you set default values which affect the appearance and behavior of the display.

For more information, select:

[Cursor Type](#)

[Image Size](#)

[Auto-line Wrap](#)

[Page Mode](#)

[CR after LF](#)

[LF after CR](#)

Cursor Type

The cursor type selection determines the display characteristics of the terminal emulation cursor. The choices are:

1. Full Block - the cursor covers the entire character display cell.
2. Partial Block - the cursor covers the center portion of the character display cell.
3. Underline - the cursor is a line at the bottom of the character display cell.

Any of the cursor display shapes may be chosen to display as either blinking or solid.

Image Size

Select 24 rows x 80 columns to initialize the emulation in 80-column mode.

Select 24 rows x 132 columns to initialize the emulation in 132-column mode.

Auto-line Wrap

Note: This parameter also is known as Automatic New Line.

When enabled, this option specifies that the cursor should automatically move to the first character position in the next line when data is entered in the last position on the current line. If the current line is the last line on the screen and scrolling is enabled, the screen will scroll.

If this option is disabled, the cursor will stick at the last position of the current line. Additional data entered or received will overwrite the display position until a cursor movement command, such as a carriage return, is processed.

Page Mode

This option sets the scrolling mode of the terminal. When Page Mode is enabled, scrolling is disabled and functions which normally cause scrolling will cause a wraparound to the top row.

When Page Mode is disabled, scrolling is enabled and the cursor will continue to scroll down one line at a time, each time the cursor is sent past the column limit on the last line of the displayed screen area.

Note: Page Mode is dependent on the Auto-line Wrap option being enabled.

CR after LF

If this option is enabled, Softerm automatically performs a carriage return function (cursor to first display position) in addition to a linefeed function (cursor down one line) whenever a linefeed character (0A hex) is received. If this option is disabled, no additional processing is performed for linefeed characters.

LF after CR

If this option is enabled, Softerm automatically performs a linefeed function (cursor down one line) in addition to a carriage return function (cursor to first display position) whenever a carriage return character (0D hex) is received. If this option is disabled, no additional processing is performed for carriage return characters.

Help for Operating Mode

The Operating Mode determines whether the emulation can display only the standard 128 ASCII character codes or the entire 256-character set.

Note: The Communications Parameters must be set for 8 data bits and no parity for 8-bit mode to be fully operational.

For additional information, select:

[Operating Mode](#)

Operating Mode

Select either 7-Bit or 8-Bit for the operating mode of the emulation.

If 7-Bit operating mode is selected, the characters displayed are limited to the standard 128 ASCII character codes.

If 8-Bit operating mode is selected, the characters displayed can include the entire 256-character set of the personal computer including graphics characters.

Note: The Communications Parameters must be set for 8 data bits and no parity for 8-bit mode to be fully operational.

Help for Status Line Definition

Determine the default setting for whether or not an information status line will be displayed when in the Session Window (online terminal emulation).

If a status line is to be displayed, determine the default setting for the date and time format to be used; and determine whether the ANSI 3.64 Status Line or the standard Softerm Status Line will be displayed.

For additional information, select:

[Status Line Preference](#)

[Status Line Time Format](#)

Status Line Preference

If the ANSI 3.64 Status Line is selected, the status information displayed will include cursor position; host-initiated modes; host messages; edit area; and keyboard lock status.

The standard Softerm Status Line displays some or all of the following:

- Online or Local mode
- Connect status
- Duplex setting
- Capture status
- CapsLock state
- NumLock state
- Date and Time or Connect Time

Status Line Time Format

Date/Time

Choose this setting for the status line to display the current date and time.

Connect Time

Choose this setting for the status line to display the length of time the connection has been established.

Help for Device Settings

The Device Settings let you specify how Softerm is to identify itself when queried.

For additional information, select:

[Terminal Device Attribute Code](#)

[Printer Device Attribute Code](#)

Terminal Device Attribute Code

This option lets you specify Device Attributes by which your Terminal may be identified. To use this, you must enter a numeric value as defined by the ANSI standard. Softerm then will send the following string in reply to a device attribute function:

```
ESC nn c
```

where nn = the numeric value that you entered.

Printer Device Attribute Code

This option lets you specify Device Attributes by which your Printer may be identified. To use this, you must enter a numeric value as defined by the ANSI standard. Softterm then will send the following string in reply to a device attribute function:

```
ESC nn c
```

where nn = the numeric value that you entered.

