

TS-100/132

DEC VT-100 & VT-52 Emulation

One of the most versatile terminals on the market, the **TS-100/132** offers full VT-100 emulation and all the features of Falco's popular TS-1. Full software compatibility with DEC VT-100 & VT-52.*

FEATURES

- 80 or 132 characters per line
- DEC's Advanced Video Standard
- Conversion & block modes
- Local printer port
- 14 programmable non-volatile function keys
- Standard green P31 phosphor screen
- Split screen
- Smooth scroll
- Status line
- Special display of control characters
- Optional 212 integral modem
- Optional paging

DEC's advanced video option is a standard feature of the **TS-100/132**, permitting the display of 24 lines, each up to 132 columns wide, at one time. As an option, additional memory can be installed to allow storage of even more data at the terminal.

Transmission mode between the terminal and the host computer can be selected to meet the operator's specific needs. In conversation mode, each character typed at the keyboard is sent directly to the host. Alternatively, data can be entered on the screen for local editing. Once the editing is complete, the data can be sent as a complete block.

The terminal comes with two, not one, RS-232c ports. Each can be independently configured from an easy-to-use setup menu. Software controls baud rate, stop bits, parity, and data word size. The setup menu also permits the selection of XON/XOFF or DTR protocols.

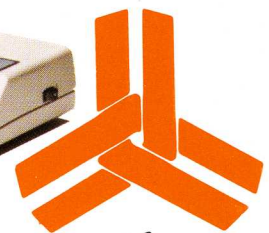
Characters can be displayed on the screen with one or more visual attributes at a time, including reverse video, reduced intensity, underline, blink, and blank. The **TS-100/132** can also display characters that are twice normal size.

Text can be edited and printed locally without using the host computer software. Additionally, the **TS-100/132** provides a monitor mode, permitting screen display of control characters such as line feed, carriage return, and horizontal tab.

Two sets of programmable function keys make the keyboard especially flexible. Four keys are available for the usual system procedures, emulating the PF keys on DEC terminals. Seven additional keys are available to the operator, providing an extra 14 user-defined functions. Up to 300 characters can be stored in program mable function key memory. The **TS-100/132** responds to the industry-standard (ANSI X3.64) control codes.

Software written to conform to this standard requires no modification to make the terminal operate as desired.

In addition to the standard green P31 phosphor, the terminal can be purchased with a P4E black and white or a PC134 amber screen.



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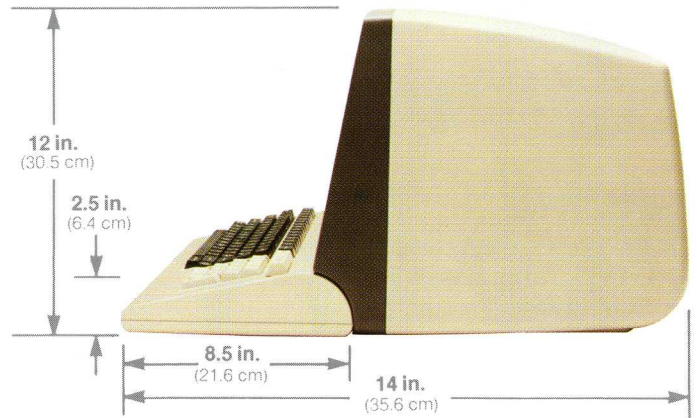
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SPECIFICATIONS

Display size:	12-inch diagonal screen: 22 cm x 15 cm (8.0 in. x 6.0 in.).
Video Monitor:	Green P31 phosphor is standard, with white P4E or amber PC134 available as options, 50 or 60 Hz refresh.
Resolution:	8x12 character cell with 6x10 character; lower case descenders
Character Set:	Complete 128 ASCII character set is fully displayable.
Control Logic:	Z-80A™ microprocessor-based logic board.
Memory:	16K ROM; 4K display RAM; 2K RAM for attribute and continuous memory of set up data.
Interfaces:	Two RS-232C ports are standard; RS-422 or current loop optional. 16 baud rates from 50 to 19,200.
Power:	Standard 115/230 Vac ±20%, 50 W maximum; 50 or 60 Hz.
Operating Environment:	5 or 45 °C; relative humidity 10 to 90% non-condensing.
Composite Video Out:	External wide band monitors can be added as an option. Sync frequency 19.2 kHz.
Dimensions:	Main unit: height 30.5 cm (12 in.), width 40.6 cm (16 in.), depth 35.6 cm (14 in.) Keyboard: height 6.4 cm (2.5 in.), width 40.6 cm (16 in.), depth 21.6 cm (8.5 in.).
Weight:	26 lb.



Available From:

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Falco's "first family" of Brilliant Terminals™ provides the Total Solution™ for all your EDP needs.


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