

TS-10

Graphic Control Terminal

The TS-10 offers full Tektronix 4010 compatibility with all of the features of Falco's TS-1 terminal.

FEATURES

- 640 x 285 resolution
- Zoom control
- Plot pen
- Pan left, right, up, or down
- Inverse video
- Software controlled setup
- Printer port
- Function keys user programmable
- Conversation and block modes
- Local editing commands
- Optional TS-212 plus modem
- Composite video option

The TS-10 Graphic Controller is a low-cost, add-in printed circuit board which is easily field installable. It is designed for use with Falco's popular TS-1 "smart" terminal or the DEC compatible TS 100/132.

The TS-10 is a full emulation of the Tektronix 4010 terminal with these added features:

- The screen may be complimented (inverse video) so that the resulting plot is black on a light background, either before, during, or after plotting.
- Zoom control up to 16X in squared increments in or out is implemented using bit or raster replication techniques.
- A zoomed picture stored in the graphic memory may be moved to all the limits of the stored picture. Attempts to move beyond the limits of the stored picture are ignored. If a "zoom out" would result in the panned window extending beyond the picture's edge, the pan is set to the pictures limit.
- The plotted line or "pen" may be set to dark or light independently of the background value. Lines or characters previously plotted may thus be erased.
- A full 96 character ASCII Character set is supported by upper and lower case letters, including descenders.




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DATA PRODUCTS

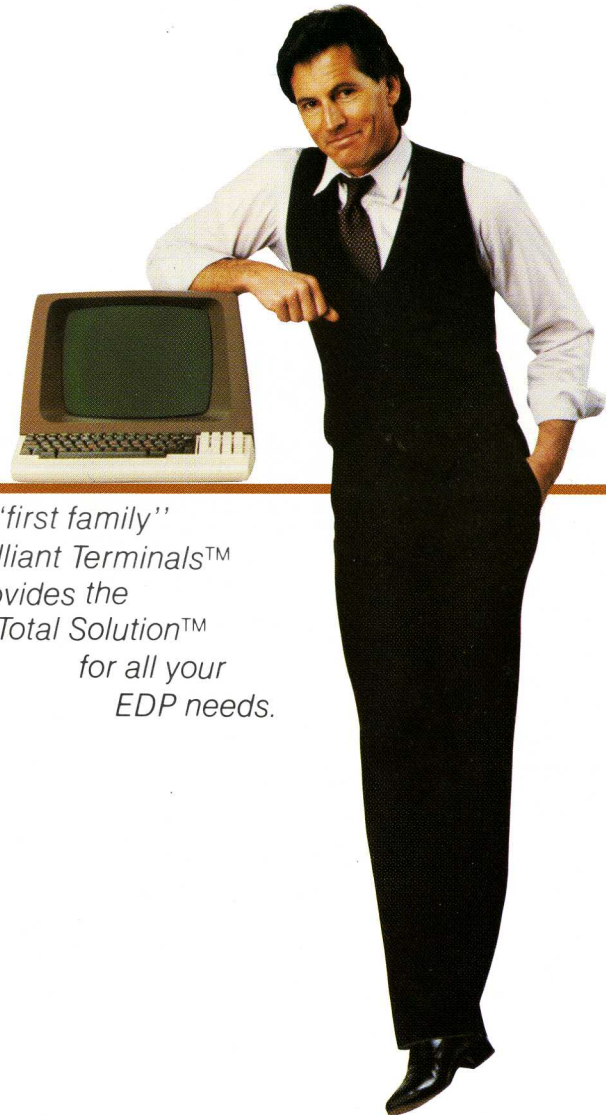
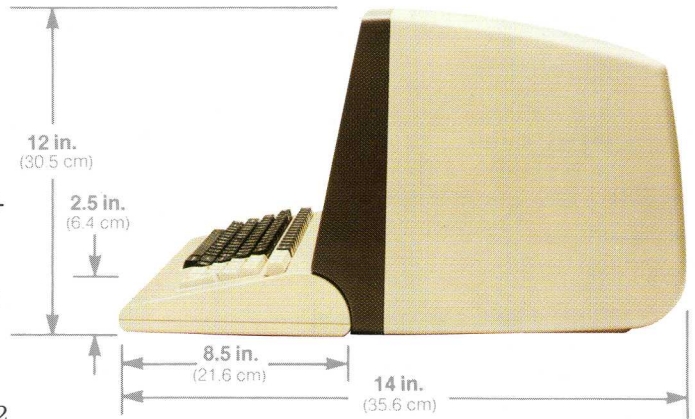
1286 Lawrence Station Road • Sunnyvale, CA 94086
(408) 745-7123 • Telex: 172494

TS-10

Graphic Control Terminal

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 in the TS-1 mode. Z-80 microprocessor-based logic board.
Control Logic:	16K ROM; 2K display RAM; 16K RAM in the optional paging buffer; 1K RAM for attribute and continuous memory of setup data.
Memory:	
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 \pm 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.



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of Brilliant Terminals™
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