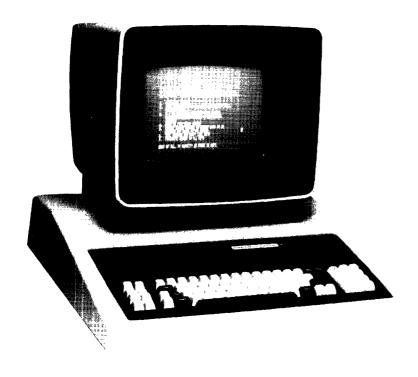


TERMINALS - SERIES T



Model 1100 Display Terminal

PRODUCT DESCRIPTION

The Model 1100 is a high quality, human engineered display terminal for conversational mode applications. Eye-level viewing, light touch keyboard, hooded display viewing, and a large 9 by 12 character matrix are a few of the human engineered features of the 1100, which add up to reduced operator fatigue, fewer errors and increased operator throughput.

Screen capacity is a full 24 lines by 80 characters of data providing a 1920-character presentation. The 9 x 12 character matrix presents a highly readable flicker free upper and lower case character set with decenders on lower case letters. High quality sharp images are displayed throughout the screen viewing area.

High quality engineering allows the 1100 to operate fan free with convection cooling for totally noise-free operation.

Among the throughput enhancing features is a complete tabbing capability with the ability to set a tab stop in any column, easily controlled by the TAB and BACKTAB keys,

typamatic repeat for all keys allowing automatic 15-cps repeat of the selected code and a separate PRINT key to activate the optional printer interface. With the full screen buffer, this precludes the need to slow the data display to the speed of the printer.

Sensitive to programmers' needs, the Model 1100 has a built-in transparent mode. In this mode, the programmer has the advantage of viewing all data and control characters being transmitted by the processor without the inconvenience of control-character activation by the terminal.

FEATURES

- Large, Crisp 9 by 12 Character Matrix
- 1920 Character Display
- 128 ASCII Character Set
- Cursor Control
- Tab Function
- Full Display Buffer
- Optional Numeric Pad
- High Visibility Block Cursor

OPERATIONAL DESCRIPTION

The keyboard incorporates a complete 96 character USASII subset with a typewriter like arrangement for ease of operation.

The terminal can operate in half or full duplex mode with a RS232C interface or 20 ma current loop interface. Connection can be direct to the computer adapter or via a modem for remote applications. The terminal can operate at speeds to 9600 baud with easily accessible switch selection.

Data are presented from top to bottom of the display with the option to select automatic carriage return and line feed. If desired, the display can be operated in the scroll mode where line 24 is used as the entry line and data scrolled upward a line at a time.

A local printer can be attached to the display terminal via the optional RS232C or current loop interface port. Baud rates for the printer port range from 75 to 9600 baud. The keyboard PRINT key allows operator selection of the print function.

Complete cursor addressing and control is provided. The cursor can be positioned under program control or from the keyboard. Position sensing of the cursor is also possible under program control.

An impressive variety of local control keys provide total operator convenience. Basic functions such as Shift, Shift-lock, Repeat, Return, Backspace, Tab and Backtab are provided. Mode controls include Scroll Enable, New Line Enable, Auto Line Feed, Local Operation, Upper Case Only, Break, Here Is, Print and Clear All. Operator warning is provided by an audible buzzer operating at a 2,000 Hz frequency for one-tenth of a second.

OPTIONAL FEATURES

A numeric key pad consisting of 0 through 9, comma, and period is included in the M46-035 and M46-037 models for those exceptionally heavy numeric input requirements.

Although engineered for antiglare performance, exceptionally high candle power environments may be encountered. Again, the Model 1100 excels with its antiglare option.

SOFTWARE SUPPORT

The Model 1100 is supported with standard Interdata software when functioning in a teletypewriter mode. Current loop interface support is provided for Interdata's BOSS, OS/16 MT, and OS/32 MT operating systems. RS232C interface support is provided for OS/16 MT2 and OS/32 MT.

SPECIFICATIONS

Screen Size 12 inches (30.48 cm) diagonal Screen Capacity 1920 characters

The information contained herein is intended to be a general description and is subject to change with product enhancement.

Number of Lines 24 Characters per Line 80

Character Generation 9 by 12 dot matrix

Character Code 128 ASCII

Refresh Rate Line Frequency (50 or 60Hz)

Scan Method Raster
Phospher P4 White

Cursor Reverse video block

Data Entry Cursor determined or bottom

line scroll upward

Communication Interface RS232C/CCITT-V24 or 20 ma

current loop

Transmission Mode Half or full duplex (switch

selectable)

Baud Rates 75, 110, 200, 300, 600, 1200,

1800, 2400, 4800, 7200, 9600 (switch selectable)

Character Format 10 or 11 bits

Parity Odd, Even, Mark, Space

(switch selectable)

Stop Bits One or Two (switch selectable)
Printer Interface RS232C or 20 ma current loop

RS232C or 20 ma current loop (optional). Baud rates of 75, 110, 200, 300, 600, 1200, 1800, 2400, 4800, 7200 and 9600.

Dimensions

 Height
 19.5 inches (49.5 cm)

 Width
 21.5 inches (54.6 cm)

 Depth
 23.5 inches (59.7 cm)

 Weight
 50 pounds (22.7 kg) (shipping)

 Power
 115 VAC ± 10%, 60 Hz

230 VAC ± 10%, 50 Hz

Environmental

M46-033

M46-034

M46-036

Temperature 0 to 45° C operating
Humidity 0 to 80%, no condensation

INTERDATA PRODUCT NUMBERS

M46-030 Model 1100 Display Terminal, Conversational

mode 1920 character fully buffered display (24 by 80 characters) 128 character ASCII set, operates at speeds to 9600 baud via

RS232C interface. 60 Hz.

M46-031 Same as M46-030, 50 Hz.

M46-035 Same as M46-030. Includes numeric keypad

with 0-9, comma and period.

M46-037 Same as M46-031. Includes numeric keypad

with 0-9, comma and period.

M46-055 Model 1100 Current Loop Line interface. A passive current loop line interface allowing

the terminal to be used with standard Interdata active current loop interface modules.

Operates at speeds to 2400 baud.

Printer port for local hard copy device,

RS232C direct communication.

Printer port for local hard copy device,

current loop direct communication.

Antiglare Screen option for excessively high

candle power environment.



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