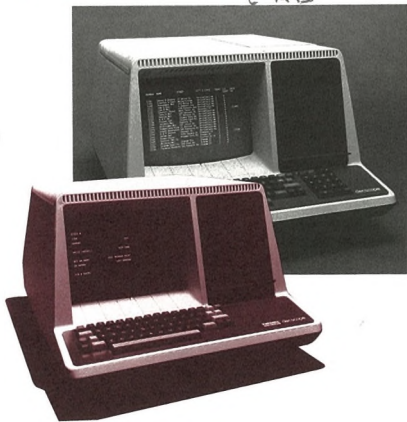


DECscopes—DIGITAL's VT50 series of character oriented video terminals—eliminate the need for electromechanical devices. They are all simple for operators to master, quieter than mechanical terminals, and inexpensive. The three models—VT50, VT50H, and VT52—differ only in advanced application features.



FEATURES:

Human Engineering

- Typewriter-like keyboard layout makes it easy to learn
- Audible keyclick further reinforces the feel of normal typewriter operation.
- Multiple rollover eliminates errors that might occur due to fast typing; up to three keys can be depressed and transmission will be correct if one of the first two is released before the third.
- Fixed horizontal tabs aid formatting
- Quiet operations result from the elimination of cooling fans
- The screen is designed for readability. Character brightness is operator-adjustable and the screen is recessed and tilted to avoid glare from overhead lighting.
- The standard DECscope has no filter covering the screen so it can be easily cleaned by the operator, but for users with special applications, the DECscope is designed to accept colored filters.
- Hold screen mode allows the operator to control the flow of data. At high baud rates this is significant since scrolling (movement of lines up the screen) can occur so rapidly that visual inspection is impossible.

Power

- 19 key auxiliary numeric keypad requires no reprogramming (VT50H and VT52)
- Alternate mode for key pad allows each of the 19 keys to be uniquely recognizable (VT52)
- 3 user defined function keys (VT50H and VT52)
- Functions implemented using AINSI standard escape sequence protocol provides for future expansion
- Cursor control keys (VT50H and VT52)
- Direct cursor addressing (VT50H and VT52)
- Upper and lower case characters (VT52)
- Terminal prevents data overflow by signalling software to suspend (XOFF) transmission and resume (XON) when ready
- Optional printer interface allows terminal to output copy to printer (VT52)

Range

- 75-9600 baud with switch selectable split transmission and reception rates
- 12 or 24 lines of 80 characters each
- Full duplex, full duplex with local copy

Cost Effectiveness

- Low initial price which is comparable to slow teletypewriters
- Minimal maintenance costs since the simplified mechanics (no moving parts except for the keyboard and the key-click system) give the DECscopes built-in reliability
- Minimal installation cost and effort due to the elimination of cabling restrictions and the use of a built in self test feature
- Faster baud rates (up to 9600 baud) lowers the cost of moving data

FEATURE COMPARISON CHART

	VT50	VT50H	VT52
Screen Format	12 lines x 80 characters	12 lines x 80 characters	24 lines x 80 characters
Char. Matrix	5 x 7	5 x 7	7 x 7
Char. Set	64 ASCII upper case	64 ASCII upper case	96 ASCII upper and lower case; 32 special graphic characters
Cursor Control	Cursor movement by escape sequence	Direct cursor addressing plus individual cursor control keys	Same as VT50H
Keyboard	Standard typewriter layout	Standard typewriter layout plus 19 keypad (11 numerics, 4 cursor keys, 3 user definable function keys, ENTER key) plus auto repeat key.	Same as VT50H plus a special application mode on the 19 key pad
Communications Baud Rates	20ma standard; EIA optional 75-9600 baud split baud rates switch selectable	20ma standard; EIA optional Same as VT50	20ma or EIA standard Same as VT50
Other Features	Upward scroll Erase to end of line Erase to end of screen Hold Screen Mode Fixed Tabs	same same same same same	same same same same Downward scroll