

NCR 7900 Model 3 Interactive Data Display Terminal

NCR

The NCR 7900 Interactive Data Display Terminal incorporates a microprocessor with advanced concepts in terminal design and processing techniques. This terminal operates interactively under firmware control to send and receive data from its cable-connected processor, an in-house or remote location using public or private communication facilities.

The terminal features an easy-to-read and -use video display with a non-glare, soft green color and a more versatile keyboard for data entry and communication with its host system. Communication speeds up to 9,600 baud, message or full screen mode, and upper/lower case characters are standard features.

This terminal offers greater system throughput and capabilities for interactive, online transaction, distributive processing, and

multiprogramming environments. In these environments, communications, data entry and retrieval can take place simultaneously from multiple terminals with the system's resources appearing to be dedicated to a single terminal.

The NCR 7900 terminal with its expanded capabilities satisfies the requirements for today's systems and readily accommodates the requirements for tomorrow.



Specifications — Pollable Terminal

Screen Size	12 inches diagonal
Memory Size	2000 characters
Screen Presentation	
— Number of Lines	25 (including one system status line)
— Characters Per Line	80
— Color (P31 Green Phosphor)	Black characters on green background or green characters on black (switch selectable)
— Character Set	64*/96/128 upper/lower case ASCII characters, each formed by a 7 x 7 dot matrix (switch selectable) *plus six special characters
— Display Features	Blink underline, solid underline, blink reverse-video, solid reverse-video, and half intensity
— Refresh Rate	60 frames/second (50 frames/second export model)
Communications Interface	EIA: Conforms to RS232C and operates at 50, 75, 110, 134.5, 150, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 7200, and 9600 baud (asynchronous) switch selectable locally or may be changed from central (CCITT, V24 interface available for export model)
	Polling: Terminal selectable by preselected address unique to the terminal. Allows for multi-drop communications link or daisy chaining of units at one location (with I.D. in message to central)
Transmission	Half and full duplex, ASCII code; Parity: odd, even, or none, mark or space
Audible Alarm	Standard
Operating Mode	Local/remote, wrap/roll; Transmission: line at a time, full screen
Keyboard	
— Typing Array	56 functional keys arranged in the typewriter style layout (include SHIFT, REPEAT, NEW LINE, ALPHA LOCK, TAB, SCREEN ERASE, ESCAPE, CONTROL, and RUB OUT)
— Block Numeric Pad	Adding machine style numeric pad standard, touch-tone style numeric pad optional;
— Cursor Control	14 keys: 0 through 9, tab, period, dash, and new line 5 keys: up, down, forward, backward, and home (also controlled from central)
— Special Control	10 keys: transmit, page, format, local, tag, break, delete character, insert character, delete line, and insert line
User Definable Function Codes	96
Printer Interface	Standard: NCR 260 RO Serial Printer, NCR 6440 Matrix Printer, or similar devices
Shielding Standards	EMI (Electromagnetic Interference) RFI (Radio Frequency Interference) ESD (Electrostatic Discharge)
Power	110 volts at 60 Hz, 110 VA, (220 volts at 50 Hz, export model)
Weight	25 lbs (11.3 kgs) maximum
Dimensions	12-1/2" (h) x 17-1/2" (w) x 20" (d) 31.7cm (h) x 44.4cm (w) x 50.8cm (d)
Temperature	
— Operating	10° to 35° C (50° to 95° F)
— Storage	-10° to 50° C (14° to 120° F)
Humidity	
— Operating	20 to 80% RH, non-condensing
— Storage	10 to 90%

7	8	9	New Line
4	5	6	
1	2	3	—
0	00	.	

Standard Numeric Pad

1	2	3	New Line
4	5	6	
7	8	9	—
0	00	.	

Optional Touch Tone Numeric Pad