



Tech Info Library

ImageWriter I: Specifications (Discontinued)

Revised: 10/17/94
Security: Everyone

ImageWriter I: Specifications (Discontinued)

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TOPIC -----

The following lists the specifications for the ImageWriter 1, now discontinued.

DISCUSSION -----

I. Technical Specifications

1. Print Speed:

- at Pica pitch (10 characters per inch):
 - a. 120 characters per second
 - b. 72 lines per minute

2. Print Method: Impact dot matrix

3. Character Format:

- 7 x 9 Alpha-numeric symbols (fixed)
- 16 x 8 User programmable

4. Character Set:

- U.S. ASCII: 96 characters
- International: 25 additional characters
- User programmable: 25 per font, maximum of 7 fonts

5. Pitch:

CPI- Characters Per Inch
CPL- Characters Per Line
SW- Single Width
DW- Double Width
DPI- Dots Per Inch

Font	CPI		10" CPL		15" CPL	
	SW	DW	SW	DW	SW	DW
1. Compressed	17	8.5	136	68	230	115
2. Pica	10	5	80	40	136	80
3. 72 dots/inch:	9	4.5	72	38	122	61
4. 120 dots/inch:	15	7.5	120	60	204	102
5. 108 dots/inch:	13.4	6.7	107	65	182	91
6. Proportional 1 (160 DPI)						
7. Proportional 2 (144 DPI)						
15" only:						
8. Elite	12	6			162	81
6. Line Spacing: 6.8 LPI plus n/144"						
7. Line Feed Rate: 100ms per step (at 6 LPI)						
8. Graphics Densities: 72, 80, 96, 107, 136, 144, and 160 DPI						
9. Maximum Dots Per Line:						
--10":	576	640	786	856	960	1088
--15":	976	1088	1296	1456	1632	1840
10. Paper:						
A. Width:						
--10":	3 to 10 inches					
--15":	3 to 15 inches					
B. Thickness: 0.05 to 0.28 mm						
C. Format: Single cut sheet, fan-fold continuous, roll						
11. Copies: Original plus 3						
12. Ribbon:						
A. Type: Fabric (13mm x 13 meters); continuous loop						
B. Life: 2 million characters (typical)						
13. Interface:						
A. Type: RS-232 serial						
B. Buffer: 1K used for downloadable characters						
C. Baud Rates: 300 1200 2400 9600 (switched)						
D. Connector: DB-25						
14. Dimensions:						

	Inches			Pounds
	Width	Height	Depth	Weight
10"	16.2	4.8	11.8	19
15"	22	5.6	11.8	26.4

15. Electrical:

A. 120 Volts at 60 Hz

B. Power:

-- 16 W standby

--180 W printing

Article Change History:

17 Oct 1994 - Reviewed for technical accuracy, revised formatting.

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