



Tech Info Library

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

	CPI		10" CPL	15" CPL		
Font	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
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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	1152	1280
--15":	976	1088	1296	1456	1632	1840	1952	2176

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

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