

PRODUCT SPECIFICATION

STANDARD FEATURES

Dimensions: Height - 12.5" (318 mm)
Width - 12.0" (305 mm)
Depth - 13.0" (330 mm)
Weight - 21 lbs. (9.5 kg)
Shipping Wt. - 25 lbs. (11.4 kg)

w/Optional Metal Cover: (H x W x D) 13.0" (330 mm) x 12.5" (318 mm) x 17.3" (439 mm)
Weight - 29 lbs. (13.2 kg)
Shipping Wt. - 34 lbs. (15.5 kg)

Printhead: 4.0" (102 mm/812 dots)
203 dots/inch (8 dots/mm)

Display: 2-line; 16 character

Processor: 32-Bit 66 MHz Processor

Memory: 2 Meg Flash, 4 Meg SDRAM;
Configurable RAM using these buffers: Transmit, Receive, Image, Format, Downloadable & Scalable Fonts

Print Ratio: 30% black max. per square inch

Standard Fonts: Standard, Reduced, Bold, OCRA-like, CG Triumvirate, EFF Swiss Bold (TrueType®), CG Triumvirate Bold

PC/Host Interface: Asynchronous RS-232C
None, XON/XOFF, CTS, or DTR flow control
1200, 2400, 4800, 9600, 19200, 38400 Baud
ASCII Data transmission code
IEEE-1284 Parallel

Font Magnification: 1x to 7x
4 to 250 pt. for scalable/TrueType fonts

Printer Warranty: One (1) year parts and labor.
Full written warranty statement available on request.

Printhead Warranty: 1 million inches or six months, whichever occurs first.

SUPPLIES

Only Monarch® Brand supplies are recommended. Use non-perfed supplies in peel mode.

Width: 0.75" to 4.0" (19 mm to 102 mm)

Length: 0.50" to 16.0"
(13 mm to 406 mm)
Roll length is 7,872" (200 meters).

Maximum Print Area: 4.0" x 16.0"
(102 mm x 406 mm)

Ribbon Sizes:

Ribbon Widths	Use with max. supply width
1.5" (38 mm)	1.3" (33 mm)
1.8" (46 mm)	1.5" (38 mm)
2.3" (58 mm)	2.0" (51 mm)
3.3" (84 mm)	3.0" (76 mm)
4.3" (110 mm)	4.0" (102 mm)

Ribbon Length: 23, 616" (600 meters)

About Ribbons: The width of the ribbon must be greater than the supply width. Since some supplies are more abrasive to printheads than others, using a ribbon wider than your supply helps protect the printhead.

ENVIRONMENT RANGES

Temperature: Operating Thermal Transfer:
40° to 95° F (4° to 35° C)
Operating Thermal Direct:
40° to 104° F (4° to 40° C)

Storage: 15° to 120° F
(-10° to 49° C)

Humidity/ Operating and Storage:
5% to 90% non-condensing

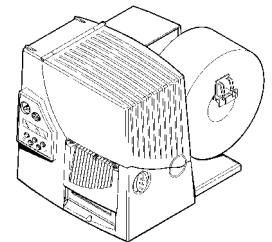
PERFORMANCE

Power Source: 90-264 VAC with autoselect
50/60 Hz.

Printing Rate: 2.5 ips (64 mm) - default for serial bar codes, 4.0 ips (102 mm) or 6.0 ips (152 mm) - default for parallel bar codes.

Monarch® 9825™ Printer

TABLETOP PRINTER
THERMAL DIRECT OR TRANSFER
ON-DEMAND OR CONTINUOUS
PRINTS PERFORATED TAGS OR LABELS
OPERATES ONLINE
OPTIONAL INTERNAL OR EXTERNAL MONARCHNET™ ETHERNET CARD FOR TCP/IP CONNECTIVITY



PAXAR

Standard Bar Code Symbolologies (shown in 203 dpi density):

In our ongoing effort to deliver the best technology, specifications are subject to change without notice. A copy of the applicable written Monarch warranty statement is available upon request.

Barcode Type	Narrow to Wide Ratio	%Density or CPI	Narrow Element (dots/mils)	Data Length
UPCA +2/+5	1:1.0	76%, 114%	2/9.9, 3/14.8	11 or 12, 14/17
UPCE +2/+5	1:1.0	76%, 114%	2/9.9, 3/14.8	6 or 7, 9/12
EAN8 +2/+5	1:1.0	76%, 114%	2/9.9, 3/14.8	7 or 8, 10/13
EAN13 +2/+5	1:1.0	76%, 114%	2/9.9, 3/14.8	12 or 13, 15/18
Interleaved 2 of 5	1:30	1.1, 3.2, 5.6, 7.5, 11.0, 11.2	21/103.4, 7/34.5, 4/19.7, 3/14.8, 2/9.9, 2/9.9	0 to 2710
	1:2.5	2.1, 4.2, 6.3, 12.7	12/59.1, 6/ 29.6, 4/19.7, 2/9.9	
	1:2.3	8.8	3/14.8	
	1:2.0	9.6, 14.5	3/14.8, 2/9.9	
Extended Code 39	1:30	4.2, 6.3, 12.7*	3/14.8, 2/9.9, 1/4.9	0 to 2710
	1:2.5	1.4, 1.7, 3.5, 7.0	10/49.3, 8/39.4, 4/19.7, 2/9.9	
	1:2.2	3.0	5/24.6	
	1:2.0	3.9	4/19.7	
Codabar (NW7)	1:3.0	2.1, 8.4	8/39.4, 2/9.9	0 to 2710
	1:2.5	3.0, 4.6, 9.2	6/29.6, 4/19.7, 2/9.9	
	1:2.0	5.1, 10.1	4/19.7, 2/9.9	
Code 128	1:1.0	3.5/7.0, 4.4/8.7, 5.8/11.7, 8.7/17.5	5/24.6, 4/19.7, 3/14.8, 2/9.9	0 to 2710
Code 93	N/A	3.7	6/29.6	0 to 2710
		4.5	5/24.6	
		5.6	4/19.7	
		7.5	3/14.8	
		11.2	2/9.9	
MSI	1:2.5	7.2	2/9.9	0 to 2710
	1:2.0	4.2, 5.6	4/19.7, 3/14.8	

* Parallel bar codes only for special application. Code 39, density 12, produces a one-dot narrow bar. This density is intended for special U.S.P.S. ACT-tag applications only.

Barcode Type	Aspect Ratio	Security Level	Element Width (dots/mils)	Row Height (dots/mils)	Data Length
PDF417	1:1.0	0-8	2/9.8, 3.14/8, 4/19.7	2/9.8, 3.14/8, 4/19.7	0 to 2709
	1:2.0		2/9.8, 3.14/8, 4/19.7	4/19.7, 6/29.6, 8/39.4	
	1:3.0		2/9.8, 3.14/8, 4/19.7	6/29.6, 9/44.3, 12/59.1	

Barcode Type	Density	Narrow Element (dots/mils)	Narrow to Wide Ratio	Data Length
Postnet	24/118.2	10/49.3	4/19.7 (5 dot gap)	0,5,6,9 or 11
MaxiCode	N/A	N/A	N/A	0 to 99
Data Matrix (ECC-200)	N/A	Square symbols: 10 rows x 10 col. 144 rows x 144 col.	Rectangular symbols: 8 rows x 18 col. 16 rows x 48 col.	3-2335 (alpha) 6-2710 (num)

Barcode Type	Data Length
Quick Response Models 1 and 2	Model 1: 0-1167 Numeric; 0-707 Alphanumeric; 0-486 8-Bit; 0-299 Kanji Model 2: 0-2710 Numeric, Alphanumeric, and 8-Bit; 0-1817 Kanji

OPTIONS

- Metal Cover
- Peel Mode with On-Demand Sensor
- Tear Bar
- M00415™ External Rewind
- Internal Coax/TwinAx Protocol
- Linerless
- ADK Script programming to tailor your 9825 to special applications.