PRODUCT SPECIFICATION

STANDARD FEATURES

Dimensions: Weight 2.64 lbs. (1.2 kg)
Shipping Weight 5 lbs. (2.27 kg)

Display: 2-line LCD, 16 char. per line (backlight option)

Printing: Thermal direct (no ink or ribbon required)

Printhead: 1.83" printhead (47 mm/352 dots)

Keypad: 33 Alpha/Numeric keys with 6 function keys

Scanner: Optional Integrated Laser Scanner

PC/Host Interface:

- RS-232 (serial)
- NONE, XON/XOFF, DTR, and RTS
- 1200, 2400, 4800, 9600, and 19.2K baud
- Programmable control characters
- ANSI symbol set

Black-to-White Print Ratio:

30% black maximum per square inch

Memory:

- 512 byte online receive buffer
- 128K of EPROM
- 512K, 1 Meg, 2 Meg, or 4 Meg of RAM

Fonts Available:
CG Triumvirate Bold
CG Triumvirate Bold Condensed
Letter Gothic Bold
Optional Fonts

Bar Code Symbologies Available:

Barcode Type	Narrow to Wide Ratio	%Density or CPI	Narrow Element (dots/mils)	Data Length
UPCA +2/+5	1:1.0	80%, 120%	2/10.4, 3/15.6	11 or 12, 14/17
UPCE +2/+5	1:1.0	80%, 120%	2/10.4, 3/15.6	6 or 7, 9/12
EAN8 +2/+5	1:1.0	80%, 120%	2/10.4, 3/15.6	7 or 8, 10/13
EAN13 +2/+5	1:1.0	80%, 120%	2/10.4, 3/15.6	12 or 13, 15/18
Interleaved 2 of 5	1:3.0 1:2.3 1:3.0 1:2.5	7.1 8.3 10.6 12.0	3/15.6 3/15.6 2/10.4 2/10.4	0 to 24 0 to 28 0 to 36 0 to 40
Code 1	2 3 4 5 6	N/A	2/10.4 3/15.6 4/20.8 5/26 6/31.2	0 to 2040
Code 39	1:2.5 1:3.0 1:3.0 1:2.5	3.3 4.0 6.0 6.6	4/20.8 3/15.6 2/10.4 2/10.4	0 to 13 0 to 11 0 to 18 0 to 20
Codabar (NW7)	1:3.0	7.7	2/10.4	0 to 26
Code 93	1:1.0	3.6 4.3 5.3 7.1 10.7	6/31.2 5/26.0 4/20.8 3/15.6 2/10.4	0 to 2710
Code 128	1:1.0 1:1.0	5.8/11.7 8.7/17.5	3/15.6 2/10.4	0 to 34 0 to 56
MSI	1:2.5	6.9	2/10.4	0 to 24

Monarch® Pathfinder Ultra® 6030™ Printers

PORTABLE PRINTER
DATA COLLECTION DEVICE
THERMAL DIRECT
OPERATES ONLINE

Monarch®
PAXAR

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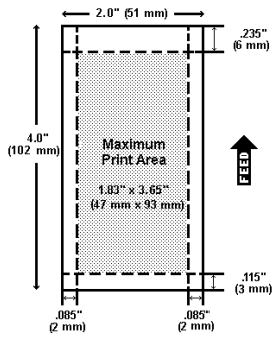
Barcode Type	CPI	Element Width	Tall Element (dots/mils)	Short Element (dots/mils)	Data Length
Postnet	4.3	4/20.8	24/125.0	10/52.1	0, 5, 6, 9, 11

Barcode Type	Aspect Ratio	Element Width (dots/mils)	Row Height (dots/mils)	Security Level	Data Length
PDF417	1:3.0 1:2.0 1:1.0	2/10.4, 3/15.6, 4/20.8 2/10.4, 3/15.6, 4/20.8 2/10.4, 3/15.6, 4/20.8	6/31.3, 9/46.9, 12/62.5 4/20.8, 6/31.3, 8/41.7 2/10.4, 3/15.6, 4/20.8	1 to 8	0 to 2710
Maxicode	N/A	N/A	N/A	N/A	15 to 99

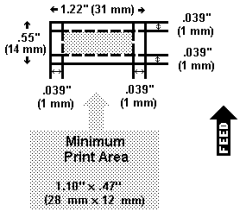
The tables above list all UPC/EAN bar codes in percent density. All other symbologies are in characters per inch (CPI), excluding start and stop characters, sum characters, and margins. Bar code height is determined in the format. The minimum height is .3" (8 mm) for scanning.

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.

Print Area for Maximum Supply:



Print Area for Minimum Supply:



PERFORMANCE

Power:
- 12 VDC Ni-Cd battery
- 115 or 230 VAC adapter

Minimum Battery Recharge Time:
- 1.5 hours Fast Charger
- 1.5 hours 4 Station Fast Charger
- 8 hours Vehicle Based Charger

Expected Duration of One Charged Handle:

1 roll of labels (600")

Battery Backup: 3.6 V lithium battery RAM (approximately 2 year battery life)

Print Speed: 1.8" (46 mm) per second nominal

Printer Warranty One (1) year parts and one (1) year labor

Product Life: Five years or 750,000 inches, whichever occurs first.

ENVIRONMENT RANGES

Temperature (Operating & Storage):

40° to 110° F (4° to 43° C)

Humidity (Operating & Storage):

5% to 90% non-condensing

Electrostatic Discharge and Air Quality:

Some problems with electronic equipment may occur in environments prone to static discharge or extreme dust conditions. Monarch suggests that you take precautions to minimize these problems. Contact your Monarch representative for recommended precautions.

SUPPLIES

Only thermal direct Monarch supplies are recommended. For high-density and serial bar codes, Monarch "premium" supplies are recommended.

Supply Sizes: Width 1.2", 1.5", and 2.0" (31 mm to 51 mm)
Lengths .55" to 4.0" (14 mm to 102 mm)

Peel mode supports .75" (19 mm) or greater lengths.

OPTIONS

Hardware:
- M0607601™ Cleaning Kit
- M0609307™ 115V Fast Charger
- M0609308™ 230V Fast Charger
- M0609309™ Vehicle Based Charger
- M0609401™ 4 Station Charger
- M0609506™ AC Adapter
- 114226 Cleaning Pen
- 115884 High Capacity Battery
- 11658714 9-Pin Modem Cable
- 11658715 25-Pin Modem Cable
- 11658730 9-Pin Connector Cable
- 11658731 25-Pin Connector Cable
- 116850 Loop Back Plug
- PHOL03 Holster

Application Tools:
- 2055™ DOSPFX
- 2355™ PF+/Ultra Transfer (WIN PFX)
- 2370™ Application Development Kit