Monarch® 9906 Tabletop Bar Code Printer

Monarch®
Products and Services

Product Specifications

- Tabletop Printer
- Thermal Direct or Transfer
- On-demand or Continuous
- Prints Labels or Perforated Tags
- Operates Online
- Enhanced Print Quality
- Metal Covers Standard
- Prints Up to 6 ips

Sensing Method: Edge justified, die cut, black mark, aperture

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

Printhead Warranty: One (1) million inches or six (6) months, whichever occurs first.

Standard Features

Dimensions:
Height – 11" (279 mm)
Width – 10.5" (267 mm)
Depth – 16.1" (409 mm)
Weight – 22.1 lbs. (10 kg)
Shipping Wt. – 25 lbs. (11.4 kg)

Printing Method:
Thermal Direct or Thermal Transfer

Printhead:
4.09" (102 mm/812 dots)
203 dots/inch (8 dots/mm)

Processor: 400 MHz Processor

Memory:
Model BA: 4 MB Flash, 16 MB SDRAM
Model EF: 32 MB Flash, 32 MB DRAM

Bar Code Types:
UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN128 Interleaved 2 of 5, Extended Code 39, Codabar (NW7), Code 128, Code 16K, Code 93, MSI, Postnet, Intelligent Mail, GS1 Databar, PDF417, Maxi-Code, Data Matrix (ECC-200), Quick Response (QR Code), Aztec

Standard Fonts:
Bitmap - Standard, Reduced, Bold, OCRA-like, CG Triumvirate, and CG Triumvirate Bold
TrueType® - EFF Swiss Bold

Standard PC/Host Interface:
RS-232C Serial (115, 200 BPS)
USB 2.0 Host
USB 2.0 Device

Supplies

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

Supply Types: Labels and Tags

Supply Sizes:
Width: 0.75" to 4.5" (19 mm to 114 mm)
Length: 0.50" to 50" (13 mm to 1270 mm)
Width with peel: 1.5" - 4.25" (38 mm to 108 mm)
Maximum length with indexed supplies: 17.5" (445 mm)
Supply Roll OD: 8" on 3" core
Typical Supply Roll length: 150 meters

Supply Thickness:
0.0055" to 0.010"

Maximum Print Area:
4.09" x 50" (102 mm x 1270 mm)

Ribbon Length: 450 meters

Ribbon Sizes:

Ribbon Widths	Use with max. supply width
1.5" (38 mm)	1.2" (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)
3.5" (89 mm)	3.2" (81 mm)
4.3" (110 mm)	4.0" (102 mm)
4.5" (114 mm)	4.5" (114 mm)

Using a ribbon wider than your supply helps protect the printhead

AVERY® DENNISON®

Monarch® 9906 Tabletop Bar Code Printer

Product Specifications

Environmental Ranges

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

Electrostatic Discharge and Air Quality:
Some problems with electronic equipment may occur in environments prone to static discharge or extreme dust conditions. Avery Dennison suggests that you take precautions to minimize these problems.

This printer is ENERGY STAR qualified.

Performance

Power Source:
90-264 VAC with autoselect 50/60 Hz
Optional 24 VDC Regulator

"ENERGY STAR" qualified

Print Speed:
2.5 ips (64 mm) - default for serial bar codes
4.0 ips (102 mm)
6.0 ips (152 mm) - default for parallel bar codes

Options

- Peel Mode with On-Demand Sensor
- Peel Mode with liner take-up
- Tear Bar with Peel Mode
- 300 dpi printhead
- ADK Script Programming for special applications
- Internal Ethernet with MonarchNet2™
- 802.11 b/g wireless with MonarchNet2™
- Parallel port (IEEE-1284)

Accesories

- 935 Rewind
- 939i Keypad
- USB QWERTY keyboard

In our ongoing effort to deliver the best technology, specifications are subject to change without notice.

Below are the feature sets for the two versions of the Monarch 9906:

Feature	Model 9906-BA	Model 9906EF
Processor	400 MHz	400 MHz
FLASH Memory	4 MB	32 MB
DRAM	16 MB	32 MB
RS 232 Serial Port (9 pin)	Standard	Standard
USB 2.0 Device Port	Standard	Standard
USB 2.0 Host Port	Standard	Standard
Parallel Port	No	Option
Ethernet	No	Option
Wireless 802.11b/g	No	Option
Real Time Clock	No	Standard
Peel with On-Demand Sensor	No	Option
Liner Take-Up (with Peel)	No	Option
300 DPI Printhead	Option	Option