

Monarch® Sierra Sport3™ Network Printer

Product Specification



Monarch®
Products and Services

- Portable
- Thermal Direct
- Operates on any 802.11b/g WIFI RF Network
- Supports MPCLII
- Prints up to 3.6 ips (91mm)
- Uses Paper, Synthetic, Tag or Linerless (Roll or Fan Fold)

Standard Features

Dimensions:

Height – 3.5" (89 mm)
Width – 5.25" (133 mm)
Depth – 7.25" (184 mm)
Weight – 2.47 lbs. (1.12 kg)
(Including battery and supply roll)
Shipping Wt. – 3.5 lbs. (1.58 kg)

Printing Method:

Thermal Direct

Printhead:

2.83" (72 mm)
203 dots/inch (8 dots/mm)

Operator Interface:

On/Off, Feed, and three context-sensitive keys

Display:

Multi-line graphical LCD with backlight and adjustable contrast

Buffers Available:

Transmit, Receive, Image, Internal, Format,
Downloadable Fonts, Scalable Fonts.
All buffers except internal are user definable

Memory:

2MB SDRAM, 4MB Flash
Configurable SDRAM using these buffers:
Transmit, Receive, Image, Format, Downloadable &
Scalable Fonts

Bar Code Types:

UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5,
Interleaved 2 of 5, Extended Code 39, Codabar (NW7),
Code 128 or Code 16K, Code 93, MSI, PDF417, Postnet,
and MaxiCode

Standard Fonts:

42 Fonts, including - Standard, Reduced, Bold, OCRA-like, EFF Swiss Bold*, HR1 and HR2 (HR1 and HR2 are only for numeric data)

* Also available as a scalable font. The printer supports Bitmapped, TrueType™ and International fonts.

Font Magnification:

1x to 7x for Bitmapped fonts
4 to 250 pt. for scalable/TrueType fonts

Wireless Communications

IEEE 802.11b/g with data rates up to 54 Mbps

Wireless Data Security:

Full WPA2 / IEEE 802.11i wireless encryption and authentication

Remote Device Management:

Integrated web browser interface
Integrated Wavelink® Avalanche support

Printer Warranty:

One (1) year parts and labor (ship-in).
Full written warranty statement is available on request

Printhead Warranty:

Six (6) months, or one million inches (1,000,000"),
whichever occurs first

Battery and Cable Warranty:

Three (3) Months pro-rated from date of shipment.
Physical damage to the batteries or cables will not be covered by the limited warranty

Supplies

Only Monarch® supplies are recommended. For high density and serial bar codes, Monarch "premium" supplies are recommended. The printer supports die cut, black mark, and non-indexed supplies.

Supply Types:

Tags, Labels and Receipt Paper.

Supply Thickness:

Tags – 6 mils

Labels – 6.5 mils

Receipt Paper – 2.4 mils

Supply Sizes:

Width - 0.5" to 3.125" (13 mm to 79 mm) in continuous mode

0.5" to 2.99" (13 mm to 76 mm) in peel mode

Length - .375" to 12.0" (9.5 mm to 305 mm)

Supply Roll lengths –

850" (22 meters) linerless (2.5" O.D.)

580" (15 meters) standard (2.5" O.D.)

Maximum Print Area:

2.83" x 12.0" (72 mm x 305 mm)

Environment Ranges

Operating Temperature:

41° to 104° F (5° to 40° C)

Storage:

-4° to 122° F (-20° to 50° 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. Paxar suggests that you take precautions to minimize these problems.

Performance

Power Source:

Monarch® 7.4V Lithium Ion Battery Pack

Print Speed:

Up to 3.6 ips (91mm)

Print Ratio:

30% black maximum per square inch

Inches per charge:

Up to 4,000" of 25% black printing at 3 ips on the supply.

Inches per charge vary according to setup and usage

Battery Cycle Life:

Approximately 300 full discharge cycles. Cycle life is approximate. Many factors affect individual battery performance.

Recommended Duty Cycle:

Duty Cycle (5 minutes out of 15 minutes time intervals). On-demand or intermittent printing has no restrictions.

Accessories

- 9462™ Single Station Charger
- 9465™ Four Station Charger
- Shoulder Strap, Hand Strap
- Bluetooth

- Documentation available at www.monarch.com
- MPCL™ Toolbox Utility available at www.monarch.com

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

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