# Monarch<sup>®</sup> Sierra Sport3<sup>™</sup> 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, OCRAlike, 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:

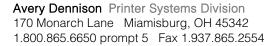
One (1) year parts and labor (ship-in). Full written warranty statement is available on request

# 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 m)

# **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). Ondemand or intermittent printing has no restrictions.

# **Accessories**

- 9462<sup>™</sup> Single Station Charger
- 9465<sup>™</sup> 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.

