

Avery Dennison
Identification Solutions

Monarch
Intelligent Retail Solutions

Avery Dennison® Monarch® Pathfinder® 6140 Solution



www.monarch.com

Leveraging the technology of a smart device, the Monarch® Pathfinder® 6140 printer combines scanning, printing and applying processes into a unique one-piece handheld solution for faster markdowns and promotional labeling at retail, or inventory management within manufacturing and distribution.



Avery Dennison® Monarch® Pathfinder® 6140 Solution

Scan, Print and Apply - it's that simple

At just 27.2 oz, the Pathfinder 6140 is one of the the lightest one-piece tools of its kind on the market and is compatible across multiple smart device platforms.

Retail applications

Many retailers use smart devices to drive customer experience with mobile point of sale, omni-channel selling and cross-selling. With up to 35% of apparel unit volume moving at discounted pricing, promotional pricing matters. Paired to a smart device, the 6140 printer enables scanning and integrated print and apply capabilities to perform markdown and promotional labeling with greater speed and accuracy than conventional markdown techniques.

- Pricing events are streamlined and completed on-time, the first time, with less associate handling
- Faster and more accurate than using “red pens,” mechanical price labelers or portable “belt printers”
- Improved accuracy ensures the ticket price is the price paid at checkout, promoting a positive customer experience
- More efficient pricing means more time for your staff to serve customers
- Integration with Price Management allows for central tracking of pricing events, and dashboard reporting capabilities to ensure accuracy and continuous improvement.

Manufacturing and Distribution Center applications

The Pathfinder 6140 is an intelligent one-piece handheld inventory management tool that allows the warehouse user to capture inbound shipment data, cross-dock, and route product efficiently and effectively.

In Last Mile sorting logistics, the Pathfinder has the capability to scan inbound packages, retrieve routing information, and print a short-lived routing label to apply to each package. The routing label indicates which delivery truck each package should be loaded, ultimately optimizing Last Mile operations.

These enhanced capabilities result in:

Increased Accuracy:

- 98% labeling accuracy

Increased Productivity:

- Average of 4 seconds to mark an item
- 43% faster than any 2-piece system
- 80% faster than any manual system



Specifications

Standard Features

Operating Systems

Compatible with iOS, Windows and Android

Dimensions

Height - 9.84" (250 mm)

Width - 6.25" (159 mm)

Depth - 3.2" (81 mm)

Weight - 1.7 lbs (0.77 kg) (device with battery)

Shipping Wt. - 4 lbs (1.8 kg)

Printing Method

Thermal Direct

Keypad/Display

4 keys, off/on, trigger, feed/clear and session

Communications

Bluetooth v2.1 + EDR, Class 2 module

Bar Code Types

UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, Interleaved, 2 of 5, Code 16k, Codabar (NW7), Code 128, Code 39, MSI, PDF417, Code 93, Postnet, Maxicode, QR Code, GS1 databar, Datamatrix and RSS

Standard Fonts

TrueType® and International

Font Magnification

4 to 200 pt. for scalable/TrueType fonts

Supplies

The printer supports butt cut, die cut and continuous supplies.

Supply Types

Labels, tags and receipt paper

Supply Sizes

Width - 1.1" up to 2.0" (28 mm to 51 mm)

Length - 0.55" to 8.0" (14 mm to 203 mm)

Supply Roll Lengths - 420" to 580"

(10.7 to 14.7 m)

Custom lengths are available.

Minimum length to apply is 0.785" (19 mm)

Supply Thickness

Tags - 7 mils (0.18 mm)

Labels - 2.4 mils (0.061 mm)

Maximum Print Area

1.89" x 7.94" (48 mm x 201.7 mm)

Sensing

Black mark only

Environmental 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 issues 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 issues.

Other Features

Power Source

Monarch® 7.4V Lithium Ion battery pack

Print Speed

Up to 5 ips (127 mm/sec)

Print Ratio

30% black maximum per square inch

Inches Per Charge

Up to 3,000" (76 meters) of 30% black printing on the supply. Factors such as scanning and duty cycle can reduce inches printed per charge.

Battery Cycle Life

Approximately 300 full discharge cycles. Many factors affect individual battery performance.

Recommended Duty Cycle

33% duty cycle for continuous printing (5 minutes out of 15-minute time intervals). On demand or intermittent printing has no restrictions.

Accessories

- Battery (part#12009502)

- 9465™ four-station battery charger

- 9462™ single station battery charger

- Deluxe hand strap (part#130606)

- Shoulder strap (part#130605)

- Petite wrist strap (part#130604)

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



Avery Dennison® Service and Support

Our technical specialists and service representatives can provide installation support, training and operating recommendations.

For more information call: 800.543.6650, option 7.

Our Monarch® Intelligent Retail Solutions improve efficiency, increase margins, reduce waste and enhance the consumer experience throughout the global supply chain.

Contact us

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