Avery Dennison®
Monarch®
Pathfinder®
6059 Solution

There are many challenges for retailers with current price marking solutions. Price-marking and inventory management are two essential pieces of the retail industry, so having the right solution in place can save you significant time and money.

However, today's solutions can be vulnerable to inaccuracies, missing markdowns, and lack the ability to accurately manage inventory across the retail supply chain, all of which can have a huge impact on store margins. The Pathfinder 6059 solution, with Android operating system, solves for these retail challenges.

Avery Dennison® Monarch® Pathfinder® 6059 Solution

Two models for the Pathfinder 6059:

1) RFID – Provides the capability to encode the RFID inlay that is in each label with product specific information that can then be read with an RFID reader.

2) Non–RFID – All the benefits of the existing Pathfinder Solution.

All-in-one – scan, print, apply

The Pathfinder 6059 Solution:

- Combines scan, lookup, and label application all with one device.

- Powered by the Android operating system – enabling enhanced security, flexibility and IT/user acceptance

- The all-in-one design means the operator only needs one hand to hold the scanner, leaving the other hand free to move items or hold tags, etc. This essentially eliminates the risk of inaccuracies in price-marking and allows the operator to work at a significantly faster pace.

What it can do for your store:

The Pathfinder 6059 allows you to:

- Enable associates to perform markdown and promotional labeling with greater speed and accuracy than 2-piece solutions or conventional red-pen techniques.

- Significantly increase price-marking efficiencies boosting employeeproductivity, meaning more time for your staff to serve customers.

Now with RFID option – scan, encode, print, apply

The Pathfinder 6059 RFID offers portable RFID encoding, empowering retailers to become 100% RFID enabled if desired.

- Add RFID to all items in store.

- Add RFID labels to existing merchandise not tagged at source.

- Add RFID labels to returned merchandise.

- Add RFID labels to clearance items that are not currently RFID

encoded. This enables real-time inventory counts, allowing retailers to sell brick and mortar markdown merchandise online (via omni-channel store fulfillment).

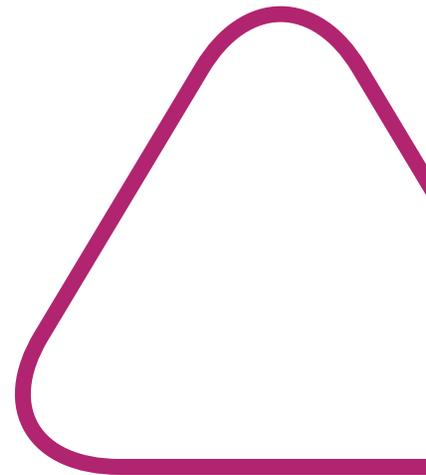- Existing benefits of the Pathfinder solution (markdowns, item marking) remain.

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

Operating System
Android Nougat (7.1.2)

Dimensions
Height: 10.4" (264mm)
Width: 3.3" (84mm)
Depth: 7.9" (201mm)
Weight: Non-RFID 2.3 lbs (1.04 kg)
(device with battery)
RFID 2.03 lbs (0.98 kg)
Shipping Weight: 5.9 lbs (2.6 kg)

Printing Method
Thermal Direct

Scanner
Integrated 2 Dimensional scanner

Keypad/Display
Virtual keyboard on display. Three software controlled contextual keys, off/on, trigger, ½ VGA (320x480 pixel) VGA color graphics LCD with touchscreen.

Memory
2GB DDR2 RAM
4GB NAND Flash
16GB SD Card

Communications
USB 2.0 HS port (Host, Device)
Optional: 802.11 a/b/g/n/ac dual band
Bluetooth 5.1

Bar Code Types
UPCA +2/+5, UPCA+Price CD, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN13+-Price CD, Interleaved 2 of 5, Interleaved 2 of 5 with Barrier Bar, Code 16K, Codabar (NW7), Code 128, Code 39, MSI, PDF417, Code 93, Postnet, Maxicode, QR Code, GS1 Databar, Data Matrix and RSS

Standard Fonts
Std AOSP Fonts (Noto, Roboto, Droid)

RFID Frequency Range
Supports FCC and ETSI frequency ranges

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

Supply Types
Labels, tags and receipt paper

Supply Sizes
Width: 1.2" 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 meters)
Custom lengths are available
Minimum to apply length is: 0.785" (19mm)

Supply Thickness
Tags: 7 mils (0.18 mm)
Labels: 6 mils (0.15mm)
Labels (RFID): 9 mils (0.23 mm)
Receipt Paper: 2.8 mils (0.07 mm)

Maximum Print Area
1.89" x 7.94" (48 mm x 201.7 mm)

Sensing
Black mark only
Integrated on-demand sensor

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

AVERAGE SCAN / LOOKUP / PRINT
500ms or less

Paper Speed
up to 4 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, RFID encoding, use of LAN radios and duty cycle can reduce inches printed per charge.

Battery Cycle Life
Approximately 350 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)
- 9462™ Single Station Battery Charger
- 9465™ Four-Station Battery Charger
- USB Cable
- 6056 Single Station Charger / Communications Dock
- 6054 Network Controller / Power Supply for Docking Station
- 6055 Docking Station
- Petite Wrist Strap Kit (part# 130604)
- Shoulder Strap Kit (part# 130605)
- Deluxe Hand Strap Kit (part# 130606)

⚠**CAUTION**
Laser Radiation • Do not stare into beams
Class 2 laser product
IEC60825-1+A1+A2 and EN60825-1+A1+A2
PO=0,15 mW, Pp=2,0 mW, f=36Hz, lambda=650nm

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.

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